



Lampi de evacuare si iluminat de urgenta  
Evacuation and emergency lighting fittings







CATALOG / CATALOGUE **2021**

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#### COMPANIA

Intelight Sp. z o.o este o companie din Polonia care produce corpuri de iluminat si care se afla aflata intr-o crestere dinamica. Suntem specializati in productia si distributia de iluminat de urgenta si iluminat general in tehnologia LED. Concentrandu-ne pe calitatea solutiilor noastre si sprijinind clientii nostri, am obtinut o pozitie puternica pe piata. Noi reusim sa raspundem cererilor clientilor, acest lucru imbunatatindu-ne constant produsele, atat din punct de vedere tehnic, cat si calitativ. Toate produsele noastre indeplinesc cele mai inalte standarde europene, iar siguranta acestora este confirmata de certificatele corespunzatoare.

#### COMPANY

Intelight Sp. z o.o is a dynamically growing lighting company in Poland. We specialize in manufacturing and distribution of emergency lighting and general lighting in LED technology. By focusing on the quality of our solutions and by supporting our customers, we achieved a strong market position. We respond to customers' demands, this constantly improving our products, both technically and qualitatively. All our products meet the highest European standards, and their safety is confirmed by the appropriate certificates.

#### OFERTA

Intelight Sp. z o. o. ofera accesorii de iluminat de urgenta, sisteme moderne de iluminare LED de urgenta fara fir si module de alimentare de urgenta. O a doua parte a ofertei noastre este compusa din iluminat general cu LED-uri, in principal corpuri de iluminat interioare pentru obiective si zone industriale, dar si corpuri de iluminat exterior. Pe masura ce marca Intelight se dezvolta, ne largim in mod constant gama de produse.

#### OFFER

Intelight Sp. z o. o. mostly offers emergency light fittings, modern wireless emergency LED lighting system and emergency power modules. A second part of our offer is composed of general LED lighting, mainly interior light fittings for offices and industrial areas, but also exterior lighting fixtures. As Intelight brand develops, we constantly broaden our range of products.







#### BAZELE TEHNOLOGICE

Intelight Sp. z o.o. are o fabrica proprie langa Varsovia. Fabrica este echipata cu o linie de productie complexa pentru componentele electronice ale corpurilor de iluminat. Avem un parc modern de masini pentru a produce componente mecanice necesare fittingurilor de iluminat: laser de taiere si gravare si frana de presare. Back office-ul tehnic complet echipat si implicarea departamentului de cercetare si dezvoltare ofera posibilitati nelimitate de proiectare, independenta deplina a procesului de productie si timp de livrare rapid.

#### TECHNOLOGICAL FOUNDATIONS

Intelight Sp. z o.o. has its own production plant near Warsaw. Factory is equipped with the complex production line for electronic components of lighting fittings. We have a modern machinery park to produce mechanical components of lighting fittings: cutting and engraving laser and press brake. Fully equipped technical back office and the engagement of research and development department provides unlimited design possibilities, full independence of production process and fast delivery time.

#### ECOLOGIE

W swoich dzialaniach Intelight Sp. z o.o. przestrzega norm ekologicznych, co czyni ją przyjazną środowisku. W trosce o zasoby naturalne preferujemy w procesie produkcyjnym technologie i materiały nadające się do ponownego przetwarzania. Wybierając produkty Intelight masz pewność, że dbasz o środowisko naturalne.

#### ECOLOGY

Toate activitatile companiei se desfasoara tinand seama de impactul asupra mediului, facand compania o intreprindere orientata spre protectia mediului inconjurator. Aceasta include utilizarea material reciclabil pentru procesele noastre de productie. Alegand produsele Intelight, aveti grija de mediu.

#### PREMII/ AWARDS







CORPURI DE  
ILUMINAT DE  
URGENTA SI  
EVACUARE LED  
EMERGENCY AND  
EVACUATION  
LUMINAIRES



Orion LED

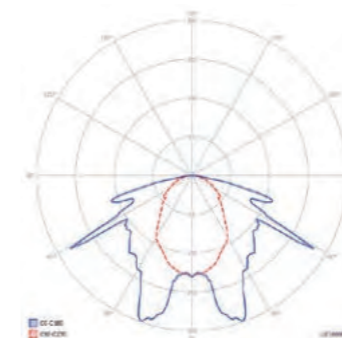


Orion LED D

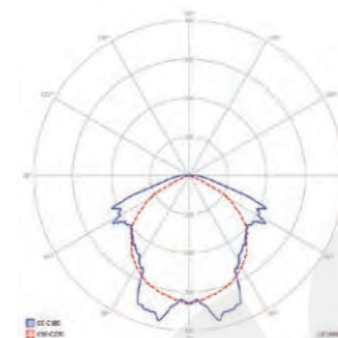
# Orion



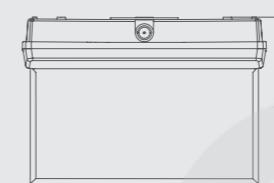
- Grad de protectie IP65 / IP65 protection rating
  - Baza si abajurul sunt fabricate din PC de inalta calitate, din policarbonat clasa V0, capac inalt din PMMA de culoarea laptelui, set dublu optional DS (iluminarea pictogramelor) pentru o versiune cu capac pentru grasime - placa din PMMA, cadru din otel, vopsit in camp electrostatic. / The base and the lampshade are made of high quality, V0 class polycarbonate PC, milky high cover made of PMMA, optional double-sided set DS (for pictograms' illumination) for a version with flat cover - plate made of PMMA, frame made of steel, powder painted.
  - Tensiunea de alimentare: 230V AC 50Hz (pentru MT, AT si CT) sau 230V AC 50Hz / 220V DC (pentru CB) / Supply voltage: 230V AC 50Hz (for MT, AT and CT) or 230V AC 50Hz / 220V DC (for CB)
  - Sursa de lumina: diode LED / Light source: LED diodes
  - Functii: A (NM) - versiune nementinuta sau SA (M) - versiune mentinuta / Functions: A (NM) – non-maintained version or SA (M) – maintained (universal\*) version
  - Optiuni de testare: test manual MT, test automat AT, test central CT / Test options: manual test MT, auto test AT Tor central test CT
  - Baterii NiCd HT sau NiMH cu autonomie de 3h, incarcare max. 24h / NiCd HT or NiMH batteries with autonomy times 3h, charging max. 24h
  - Versiune pentru sisteme CB cu baterie centrala, de asemenea, disponibila / Version for central battery CB systems also available
  - Instalare: tavan sau perete, suprafata, cadru optional disponibil pentru instalarea incatrata in tavan / Installation: ceiling or wall, surface, available optional frame for ceiling recessed installation
  - Pentru iluminarea cailor de evacuare, marcarea iesirilor de urgenta si afisarea directiilor de evacuare in cladirile de utilitati publice / For illumination of evacuation paths, marking emergency exits and showing evacuation directions in public utility buildings
  - sau 30m (set fata-verso / versiune DS) / or 30m (double-sided set / DS version)
  - Temperatura de lucru: ta 10 °C + 55 °C, pentru versiunea LT ta -25 °C + 55 °C / Temperature working range: ta 10 °C + 55 °C, for LT version ta -25 °C + 55 °C
  - Culoare temperatura 6500K / Colour tempeprature 6500K
  - CRI index: Ra ≥ 70 / CRI index: Ra ≥ 70
- Poate fi conectat ca versiune A - nementinuta / It can be wired as the A - non-maintained version



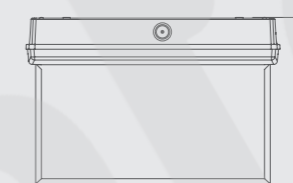
Orion LED 100



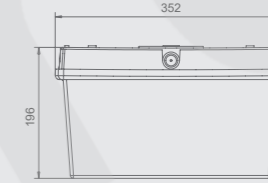
Orion LED 150



Orion LED 100 DS



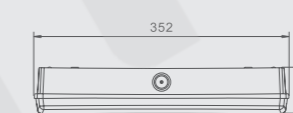
Orion LED 150 DS



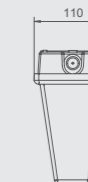
Orion LED D



Orion LED 100



Orion LED 150



Orion LED D

Model / Model	Numar Catalog / Catalogue number	Sursa de lumina / Light source	Funcctie / Function	Flux Luminos (lm) / Luminous flux (lm)	Autonomie / Autonomy	Test * / Test *	Putere / Power
ORION LED 100 SA 3H MT	41628	LED	SA (M)	104 lm	3 h	MT	4W
ORION LED 100 SA 3H AT	99905	LED	SA (M)	126 lm	3 h	AT	4W
ORION LED 150 SA 3H MT	98305	LED	SA (M)	154 lm	3 h	MT	7W
ORION LED 150 SA 3H AT	97245	LED	SA (M)	182 lm	3 h	AT	4W
ORION LED 150 SA 3H CT	93419	LED	SA (M)	182 lm	3 h	CT	4W
ORION LED D SA 3H MT	94942	LED	SA (M)	-	3 h	MT	7W
ORION LED D SA 3H AT	94941	LED	SA (M)	-	3 h	AT	4W
ORION LED 150 CB	93379	LED	SA (M)	182 lm	-	CB	3,5W
ORION LED 100 CB	93412	LED	SA (M)	126 lm	-	CB	3,5W
ORION LED 100 SA 3H MT LT**	93460	LED	SA (M)	104 lm	3 h	MT	7W***
ORION LED 100 SA 3H AT LT**	93391	LED	SA (M)	126 lm	3 h	AT	7W***
ORION LED 150 SA 3H MT LT**	93283	LED	SA (M)	154 lm	3 h	MT	10W***
ORION LED 150 SA 3H AT LT**	93387	LED	SA (M)	182 lm	3 h	AT	10W***
CADRU PENTRU INSTALAREA INCASTRATA PENTRU ORION LED 100 / FRAME FOR RECESSED INSTALLATION FOR ORION LED 100	96907	-	-	-	-	-	-
CADRU CU DUBLU ORION LED 150 / DOUBLE-SIDED FRAME ORION LED 150	96413	-	-	-	-	-	-
CADRU DUBLU ORION LED 100 / DOUBLE-SIDED FRAME ORION LED 100	96414	-	-	-	-	-	-

\* AT - Test automat / Auto test  
CT - Test central / Central test  
MT - Test manual / Manual test  
CB - Baterie centrala / Central battery

\*\*\* Consumul maxim de energie la o temperatura minima. ta -25°C este de 11W pentru Orion LED 100 si 14W pentru Orion LED 150 / The maximum power consumption at a min temp. ta -25°C is 11W for Orion LED 100 and 14W for Orion LED 150

\*\* LT - Model adaptat pentru temperaturi scazute (pana la ta -25°C) / Model adapted for low temperatures (up to ta -25°C)



PICTOGRAME INCLUSE ORION D / KIT ORION D



PICTOGRAME OPTIONALE ORION D / OPTION ORION D



Model / Model	Numar catalog / Catalogue number	Dimensiuni (mm) / Dimensions (mm)
IESIRE EVACUARE / EVACUATION EXIT	93321 / D1	305 x 285 x 150
IESIRE PRIN DREAPTA JOS / EXIT DOWN TO THE RIGHT	39985 / D2	305 x 285 x 150
IESIRE PRIN STANGA JOS / EXIT DOWN TO THE LEFT	93322 / D3	305 x 285 x 150
IESIRE PRIN DREAPTA SUS / EXIT UP TO THE RIGHT	39986 / D4	305 x 285 x 150
IESIRE PRIN STANGA SUS / EXIT UP TO THE LEFT	93323 / D5	305 x 285 x 150
IESIRE JOS D / EXIT DOWN R	97879 / D6	305 x 285 x 150
IESIRE JOS S / EXIT DOWN L	93324 / D7	305 x 285 x 150
IESIRE SUS D / EXIT UP R	93325 / D8	305 x 285 x 150
IESIRE SUS S / EXIT UP L	97992 / D9	305 x 285 x 150
IESIRE LA DREAPTA / EXIT TO THE RIGHT	93318 / D10	305 x 285 x 150
IESIRE LA STANGA / EXIT TO THE LEFT	93317 / D11	305 x 285 x 150



Ghid lumina cu doua fete DS 330x167 / Double-sided frame DS 330x167

CADRU CU DOUA FETE (DS) / DOUBLE-SIDED (DS) FRAME



Model / Model	Numar catalog / Catalogue number	Dimensiuni / Dimensions (mm)
IESIRE EVACUARE / EVACUATION EXIT	98006 / E1	300 x 150
IESIRE PRIN DREAPTA / EXIT TO THE RIGHT	98005 / E2	300 x 150
IESIRE PRIN STANGA / EXIT TO THE LEFT	98004 / E3	300 x 150
IESIRE PRIN STANGA JOS / EXIT DOWN TO THE LEFT	98003 / E4	300 x 150
IESIRE PRIN STANGA SUS / EXIT UP TO THE LEFT	98002 / E5	300 x 150
IESIRE PRIN DREAPTA SUS / EXIT UP TO THE RIGHT	98001 / E6	300 x 150
IESIRE PRIN DREAPTA JOS / EXIT DOWN TO THE RIGHT	98000 / E7	300 x 150
IESIRE JOS D / EXIT DOWN R	97999 / E8	300 x 150
IESIRE JOS S / EXIT DOWN L	97998 / E9	300 x 150
IESIRE SUS D / EXIT UP R	97997 / E10	300 x 150
IESIRE SUS S / EXIT UP L	97996 / E11	300 x 150



PICTOGRAME INCLUSE ORION /KIT



PICTOGRAME OPTIONALE ORION /OPTION



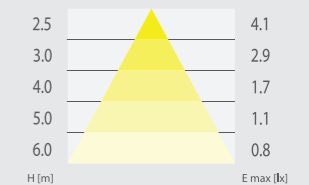
Model / Model	Numar catalog / Catalogue number	Dimensiuni (mm) / Dimensions (mm)
IESIRE DREAPTA JOS / EXIT DOWN TO THE RIGHT	39980 / OR1	300x100
IESIRE DREAPTA SUS / EXIT UP TO THE RIGHT	39982 / OR2	300x100
IESIRE STANGA SUS / EXIT UP TO THE LEFT	39983 / OR3	300x100
IESIRE STANGA JOS / EXIT DOWN TO THE LEFT	39981 / OR4	300x100
IESIRE JOS / EXIT DOWN	39977 / OR5	300x100
IESIRE SUS / EXIT UP	98007 / OR6	300x100
IESIRE PRIN STANGA / EXIT TO THE LEFT	39979 / OR7	300x100
IESIRE PRIN DREAPTA / EXIT TO THE RIGHT	39978 / OR8	300x100
IESIRE EVACUARE / EVACUATION EXIT	39962 / OR9	300x100
TAMBUR CU FURTUN DE INCENDIU / FIRE HOSE REEL	93090 / OR10	300x100



Cadru pentru instalare încastrată pentru Orion Led 100 / Frame for recessed installation for Orion Led 100

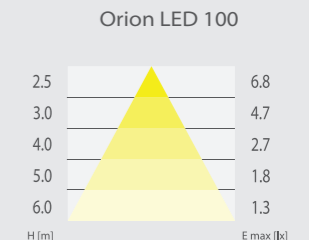
TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES ORION LED 100

Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	2,3	6,8	4,7	1,7
3	2,2	6,7	4,7	1,6
4	1,8	6,6	4,7	0,7



ORION LED 150

Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	2,7	8,4	7,1	2,7
3	2,8	8,3	7,6	2,8
4	2,5	8,1	8,0	2,7







Casiopeea



PICTOGRAME INCLUSE / KIT



PICTOGRAME OPTIONALE / OPTION



Model / Model	Numar catalog / Catalogue number	Dimensiuni / Dimensions (mm)
EXIT EVACUARE / EVACUATION EXIT	98006 / E1	300 x 150
IESIRE PRIN DREAPTA / EXIT TO THE RIGHT	98005 / E2	300 x 150
IESIRE PRIN STANGA / EXIT TO THE LEFT	98004 / E3	300 x 150
IESIRE PRIN STANGA JOS / EXIT DOWN TO THE LEFT	98003 / E4	300 x 150
IESIRE PRIN STANGA SUS / EXIT UP TO THE LEFT	98002 / E5	300 x 150
IESIRE PRIN DREAPTA SUS / EXIT UP TO THE RIGHT	98001 / E6	300 x 150
IESIRE PRIN DREAPTA JOS / EXIT DOWN TO THE RIGHT	98000 / E7	300 x 150
IESIRE D JOS / EXIT DOWN R	97999 / E8	300 x 150
IESIRE S JOS / EXIT DOWN L	97998 / E9	300 x 150
IESIRE D SUS / EXIT UP R	97997 / E10	300 x 150
IESIRE S SUS / EXIT UP L	97996 / E11	300 x 150

# Kasjopeja



- › Grad de protectie IP20 / IP20 protection rating
- › Profil aluminiu, placa PMMA / Aluminium profile, PMMA board
- › Tensiunea de alimentare: 230V 50Hz / Power supply voltage: 230V 50Hz
- › Sursa de lumina: diode LED / Light source: LED diodes
- › Comutator mod de operare: SA (M) – versiune mentinuta / Operation mode switch: SA (M) – maintained version
- › Baterii Ni-Cd HT cu autonomie: 3 h, incarcare: 24 h / HT batteries with the autonomy time: 3 h, charging: 24 h
- › Instalare pe tavan sau pe perete / Ceiling or wall installation
- › Pentru iluminarea directiilor de evacuare si desemnarea iesirilor de evacuare in cladirile de utilitate publica / For illuminating evacuation directions and designating evacuation exits in public utility buildings
- › Visibilitate: 30 m / Visibility: 30 m
- › CRI index: Ra ≥ 70 / CRI index: Ra ≥ 70
- › Temperatura de lucru t<sub>a</sub> 10°C + 40°C / Temperature working range: t<sub>a</sub> 10°C + 40°C

Model / Model	Numar catalog / Catalogue number	Sursa lumina / Light source	Funcție / Function	Autonomie / Autonomy	Test / Test	Greutate (kg) / Weight (kg)
KASJOPEJA LED II SA 3H MT	93331	LED	SA (M)	3 h	Ręczny / Manual	1,0





Oximia



Suport reglabil  
tip consola / Flag  
mounting bracket



Suport de montare  
perete /  
Wall mounting bracket



Set de montaj  
suspendat / Suspended  
mounting kit

# Oximia



- › Grad de protectie IP20 / IP20 protection rating
- › Profil din otel vopsit cu pulbere, placa PMMA / Steel powder coated profile, PMMA board
- › Tensiune alimentare: 230 V 50 Hz / Power supply voltage: 230V 50 Hz
- › Sursa de lumina: diode LED / Light source: LED diode
- › Functii: SA (M) – versiune mentinuta / Functions: SA (M) – maintained version
- › Baterii Ni-CdHT cu autonomie: 3h, incarcare: 24h / Ni-Cd HT batteries with the autonomy time: 3h, charging: 24h
- › Test manual (MT) sau test automat (AT) / Manual test (MT) or autotest (AT)
- › Instalare pe tavan / Ceiling installation
- › Pentru iluminarea directiilor de evacuare si desemnarea iesirilor de evacuare in cladirile de utilitati publice / For illuminating evacuation directions and designating evacuation exits in public utility buildings
- › Vizibilitate: 30m / Visibility: 30m
- › CRI index: Ra ≥ 65 / CRI index: Ra ≥ 65
- › Temperatura de lucru: t<sub>a</sub> 10°C + 55°C / Temperature working range: t<sub>a</sub> 10°C + 55°C



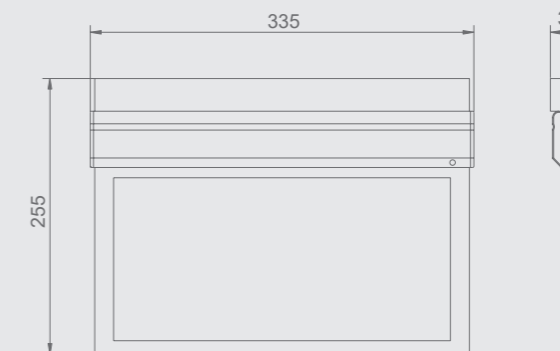
## PCITOGRAFE INCLUSE / KIT



## PICTOGRAFE OPTIONALE / OPTION



Model / Model	Numar catalog / Catalogue number	Dimensiuni (mm) / Dimensions (mm)
EVACUARE EXIT / EVACUATION EXIT	98006 / E1	300 x 150
IESIRE PRIN DREAPTA / EXIT TO THE RIGHT	98005 / E2	300 x 150
IESIRE PRIN STANGA / EXIT TO THE LEFT	98004 / E3	300 x 150
IESIRE PRIN STANGA JOS / EXIT DOWN TO THE LEFT	98003 / E4	300 x 150
IESIRE PRIN STANGA SUS / EXIT UP TO THE LEFT	98002 / E5	300 x 150
IESIRE PRIN DREAPTA SUS / EXIT UP TO THE RIGHT	98001 / E6	300 x 150
IESIRE PRIN DREAPTA JOS / EXIT DOWN TO THE RIGHT	98000 / E7	300 x 150
IESIRE D JOS / EXIT DOWN R	97999 / E8	300 x 150
IESIRE S JOS / EXIT DOWN L	97998 / E9	300 x 150
IESIRE R SUS / EXIT UP R	97997 / E10	300 x 150
IESIRE S SUS / EXIT UP L	97996 / E11	300 x 150



Model / Model	Numar catalog / Catalogue number	Sursa de lumina / Light source	Functie / Function	Autonomie / Autonomy	Test / Test	Greutate (kg) / Weight (kg)
OXIMIA 3H SA	40095	LED	SA (M)	3 h	Manual (MT) / Manual (MT)	1,2
OXIMIA LED 3H SA AT	96329	LED	SA (M)	3 h	Autotest (AT) / Autotest (AT)	1,2
SUPPORT DE MONTARE TIP CONSOLA (STEAG) / FLAG MOUNTING BRACKET	97436	-	-	-	-	-
SUPPORT DE MONTARE PERETE / WALL MOUNTING BRACKET	97437	-	-	-	-	-
KIT DE MONTAJ PENTRU SUSPENDARE / SUSPENDED MOUNTING KIT	96314	-	-	-	-	-



Suprema SO

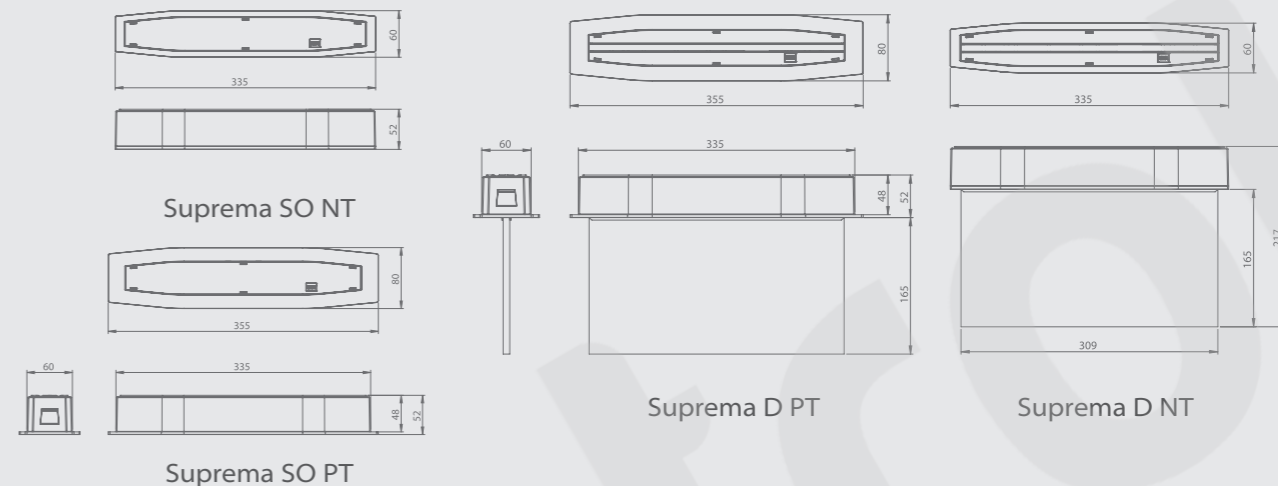


Suprema D Black

# Suprema



- › Grad de protecție IP54 sau IP44 / IP54 or IP44 protection rating
- › Corpuri de iluminat din materiale de inalta calitate: corp PC/ABS, difuzor PC, placa de ghidare luminoasa / Luminaire's housing elements made of high quality materials: PC/ABS body, PC diffuser, PMMA light guide plate
- › Culoarea carcasei: alb sau negru / Housing color available: white or black
- › Tensiunea de alimentare: 230V AC 50 Hz (pentru MT, AT și CT) sau 230V AC 50Hz / 220V DC (pentruCB) / Supply voltage: 230V AC 50Hz (for MT, AT and CT) or 230V AC 50Hz / 220V DC (for CB)
- › Surse de lumina: diode LED / Light source: LED diodes
- › Funcții: A (NM) versiune nementinuta sau SA (M) - versiune mentinuta / Functions: A (NM) – non-maintained version or SA (M) – maintained version
- › Baterie LiFePO4 cu autonomie 1h, 2h sau 3h, incarcare 24h / LiFePO4 batteries with autonomy times 1h, 2h or 3h \*, charging 24 h
- › Optiuni de testare: test automat AT (posibilitatea de a efectua manual testul) sau test central CT (sistem WELLS) / Test options: auto test AT (possibility to manually call the test) or central test CT (WELLS system)
- › Instalare pe tavan, aplicata sau incastrata, cu posibilitate de montare perete, in consola sau suspendat folosind accesoriile suplimentare / Ceiling installation, surface or recessed, surface version with wall, flag or pendant mounting possibility using additional accessories
- › Pentru iluminarea cailor de evacuare, indicarea directiilor de evacuare și marcarea iesirilor de urgenta in cladirile publice / For illuminating evacuation paths, indicating its directions and marking evacuation exits in public utility buildings
- › Vizibilitate: 30 m / Visibility: 30 m
- › Temperatura de lucru:  $t_a$  10°C + 50°C / Temperature working range:  $t_a$  10°C + 50°C
- › Temperatura culorii 5000K / Colour temperature 5000K
- › Indicele de redare al culorilor:  $R_a \geq 70$  / CRI index:  $R_a \geq 70$  \* - depinde de versiune / depending on version



Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SO 150 SA 3h AT IP54 NT	94504	93980	SO	167 lm	SA (M)	3h	AT	IP54	6W	LiFePO4 6,4V 1500mAh
SUPREMA LED SO 250 SA 3H AT IP54 NT	94512	93977	SO	272 lm	SA (M)	3h	AT	IP54	8W	LiFePO4 6,4V 3000mAh
SUPREMA LED SO 350 SA 3H AT IP54 NT	94517	93976	SO	353 lm	SA (M)	3h	AT	IP54	8W	LiFePO4 6,4V 3000mAh
SUPREMA LED SO 350-P SA 3H AT IP54 NT	94521	93975	SO	407 lm	SA (M)	3h	AT	IP54	9W	LiFePO4 6,4V 3000mAh
SUPREMA LED SO 650 A 2H AT IP54 NT	94519	93974	SO	628 lm	A (NM)	2h	AT	IP54	3W	LiFePO4 6,4V 3000mAh
SUPREMA LED SO 150 CB IP54 NT	94550	94549	SO	167 lm	-	-	AT	IP54	3,5W	-
SUPREMA LED SO 350 CB IP54 NT	94579	94581	SO	353 lm	-	-	AT	IP54	6W	-

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SO 150 SA 3H AT IP54 PT	94554	93970	SO	167 lm	SA (M)	3h	AT	IP54	6W	LiFePO4 6,4V 1500mAh
SUPREMA LED SO 250 SA 3H AT IP54 PT	94562	93967	SO	272 lm	SA (M)	3h	AT	IP54	8W	LiFePO4 6,4V 3000mAh
SUPREMA LED SO 350 SA 3H AT IP54 NT	94567	93966	SO	353 lm	SA (M)	3h	AT	IP54	8W	LiFePO4 6,4V 3000mAh
SUPREMA LED SO 350-P SA 3H AT IP54 NT	94571	93965	SO	407 lm	SA (M)	3h	AT	IP54	8W	LiFePO4 6,4V 3000mAh
SUPREMA LED SO 650 A 2H AT IP54 PT	94569	93963	SO	628 lm	A (NM)	2h	AT	IP54	3W	LiFePO4 6,4V 3000mAh

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SC 150 SA 3H AT IP54 NT	94702	93951	SC	167 lm	SA (M)	3h	AT	IP54	6W	LiFePO4 6,4V 1500mAh
SUPREMA LED SC 250 SA 3H AT IP54 NT	94706	93949	SC	272 lm	SA (M)	3h	AT	IP54	8W	LiFePO4 6,4V 3000mAh
SUPREMA LED SC 250 CB IP54 NT	94700	94698	SC	272 lm	-	-	-	IP54	4,5W	-

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SC 150 SA 3H AT IP54 PT	94752	93937	SC	167 lm	SA (M)	3h	AT	IP54	6W	LiFePO4 6,4V 1500mAh
SUPREMA LED SC 250 SA 3H AT IP54 PT	94756	93935	SC	272 lm	SA (M)	3h	AT	IP54	8W	LiFePO4 6,4V 3000mAh

SO - spațiu deschis / open spaces  
SC - lentile tip coridor / corridor lens type  
350-P - Zone deschise (led de putere) / open zones (Power LED)  
A (NM) - mod nementinut / non-maintained mode

SA (M) - mod menținut / maintained mode AT - test automat / auto test  
NT - montaj aplicat / surface mounting PT - montaj încadrat / recessed mounting





Suprema SO Black  
Instalare aplicata  
NT / NT surface  
installation



Suprema SO  
Instalare încastrată  
PT / recessed  
installation PT

**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SOH 250 A 3H AT IP54 NT	94523	93954	SOH	320 lm	A (NM)	3h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh
SUPREMA LED SOH 400 A 2H AT IP54 NT	94525	93953	SOH	505 lm	A (NM)	2h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh
SUPREMA LED SOH 400 CB IP54 NT	94580	94582	SOH	505 lm	-	-	-	IP54	6W	-

**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SOH 250 A 3H AT IP54 PT	94573	93941	SOH	320 lm	A (NM)	3h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh
SUPREMA LED SOH 400 A 2H AT IP54 PT	94575	93940	SOH	505 lm	A (NM)	2h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh

**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SCH 350 A 3H AT IP54 NT	94717	93948	SCH	424 lm	A (NM)	3h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh
SUPREMA LED SCH 350 CB IP54 NT	94699	94696	SCH	424 lm	-	-	-	IP54	6W	-

**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SCH 350 A 3H AT IP54 PT	94767	93934	SCH	424 lm	A (NM)	3h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh

SOH - Spatii deschise inalte / open spaces high  
SCH - Lentila tip coridor pentru spatii inalte / corridor lens type for high spaces A (NM) - Mod nementinut / non-maintained mode

AT - Test automat / auto test  
NT - Suprafata de montare / surface mounting PT - Montaj încastrat / recessed mounting



**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SCA 150 SA 3H AT IP54 NT	94710	93944	SCA	167 lm	SA (M)	3h	AT	IP54	6W	LIFEPO4 6,4V 1500mAh
SUPREMA LED SCA 250 SA 3H AT IP54 NT	94714	93942	SCA	280 lm	SA (M)	3h	AT	IP54	8W	LIFEPO4 6,4V 3000mAh

**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SCA 150 SA 3H AT IP54 PT	94760	93930	SCA	167 lm	SA (M)	3h	AT	IP54	6W	LIFEPO4 6,4V 1500mAh
SUPREMA LED SCA 250 SA 3H AT IP54 PT	94764	93928	SCA	280 lm	SA (M)	3h	AT	IP54	8W	LIFEPO4 6,4V 3000mAh

**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SCHA 250 A 3H AT IP54 NT	94719	93947	SCHA	297 lm	A (NM)	3h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh
SUPREMA LED SCHA 400 A 2H AT IP54 NT	94721	93946	SCHA	459 lm	SA (M)	3h	AT	IP54	6W	LIFEPO4 6,4V 3000mAh

**SUPREMA LED SOH NT**

Model / Model	Numar catalog / Catalogue number		Optica / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
SUPREMA LED SCHA 250 A 3H AT IP54 PT	94769	93933	SCHA	297 lm	A (NM)	3h	AT	IP54	3W	LIFEPO4 6,4V 3000mAh
SUPREMA LED SCHA 400 A 2H AT IP54 PT	94771	93932	SCHA	459 lm	SA (M)	3h	AT	IP54	6W	LIFEPO4 6,4V 3000mAh

SCHA - Lentile tip coridor pentru spatii inalte, asimetrice /  
corridor lens type for high spaces, asymmetric  
SCA - Lentile tip coridor asimetrice / asymmetric corridor lens type  
A (NM) - Mod nementinut / non-maintained mode

AT - Test automat / auto test  
NT - Suprafata de montare / surface mounting  
PT - Montaj încastrat / recessed mounting

**TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES**

**SUPREMA LED SO 150**

Inaltimea instalatiei (m) / Installation height (m)					
2,5	3	7,7	8	3,2	
3	3,2	8,2	8,6	3,2	
4	3,1	9	9,3	3,2	

**SUPREMA LED SO 250**

Inaltimea instalatiei (m) / Installation height (m)					
2,5	3,7	8,6	9,2	3,7	
3	3,9	9,7	9,9	3,9	
4	4,1	11	11	4,1	

**SUPREMA LED SO 350**

Inaltimea instalatiei (m) / Installation height (m)					
2,5	3,7	8,3	10,1	4	
3	4,1	9,6	11	4,4	
4	4,6	11,6	12,3	4,7	

**SUPREMA LED SO 350-P**

Inaltimea instalatiei (m) / Installation height (m)					
2,5	4,1	8,9	10,5	4,3	
3	4,6	10,4	11,4	4,6	
4	4,9	12,7	12,9	5,1	

**SUPREMA LED SOH 400**

Inaltimea instalatiei (m) / Installation height (m)					
2,5	3,4	8,2	8,2	3,4	
3	3,7	8,9	9	3,7	
4	4,2	10,3	10,4	4,4	

**SUPREMA LED SO 650**

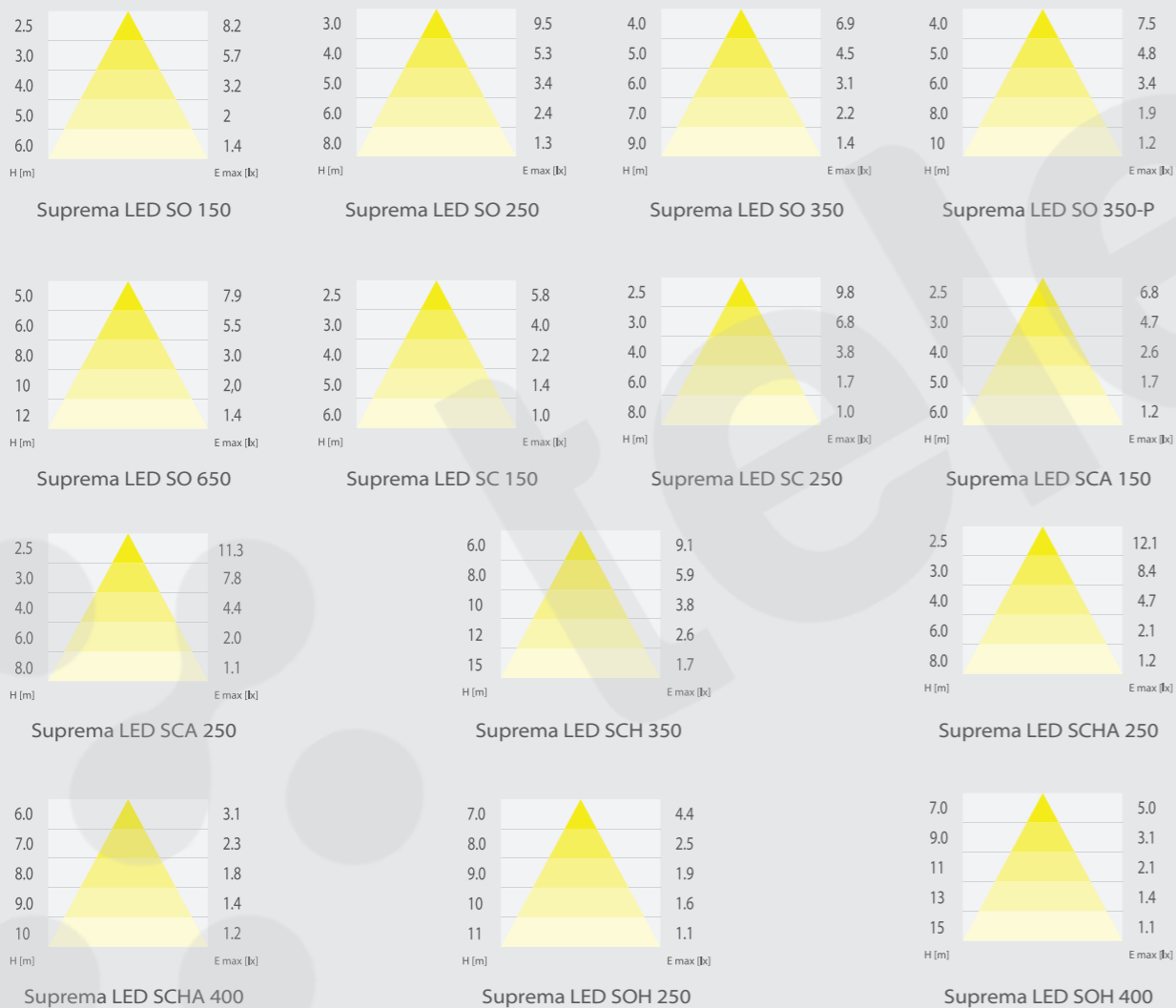
Inaltimea instalatiei (m) / Installation height (m)					
2,5	4	9	11,9	4,9	
3	4,6	10,3	13	5,2	
4	5,5	12,8	14,7	5,7	



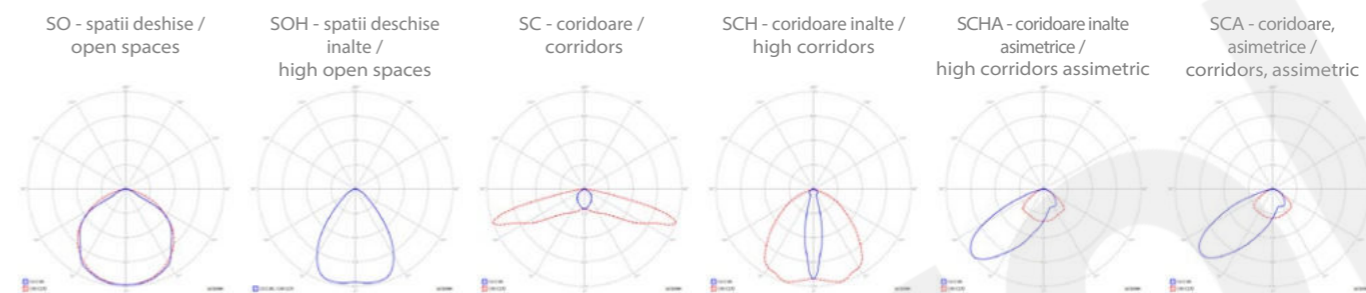
Suprema D  
Montaj incastat cu placa de  
ghidare a luminii PT-S /  
Recessed mounting with sus-  
pended light guide plate PT-S



Suprema D  
Montaj aplicat cu placa de  
ghidare a luminii NT-S /  
Surface mounting with  
suspended light guide plate NT-S



DISTRIBUTIA LUMINII PENTRU DIVERSE LENTILE / EXEMPLARY LIGHT DIVISIONS FOR LENS



INCLUDE IN KIT



OPTIONALE / OPTION



Model / Model	Numar catalog / Catalogue number	Dimensiuni (mm) / Dimensions (mm)
EVACUARE EXIT / EVACUATION EXIT	98006 / E1	300 x 150
IESIRE PRIN DREAPTA / EXIT TO THE RIGHT	98005 / E2	300 x 150
IESIRE PRIN STANGA / EXIT TO THE LEFT	98004 / E3	300 x 150
IESIRE PRIN STANGA JOS / EXIT DOWN TO THE LEFT	98003 / E4	300 x 150
IESIRE PRIN STANGA SUS / EXIT UP TO THE LEFT	98002 / E5	300 x 150
IESIRE PRIN DREAPTA SUS / EXIT UP TO THE RIGHT	98001 / E6	300 x 150
IESIRE PRIN DREAPTA JOS / EXIT DOWN TO THE RIGHT	98000 / E7	300 x 150
IESIRE D JOS / EXIT DOWN R	97999 / E8	300 x 150
IESIRE S JOS / EXIT DOWN L	97998 / E9	300 x 150
IESIRE D SUS / EXIT UP R	97997 / E10	300 x 150
IESIRE S SUS / EXIT UP L	97996 / E11	300 x 150

SUPREMA LED D

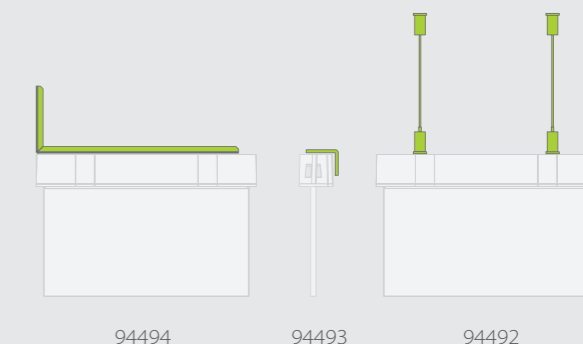
Model / Model	Numar catalog / Catalogue number		Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protectie / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black						
SUPREMA LED D-std SA 3H AT IP54 NT	94604	93994	SA (M)	3h	AT	IP54	5W	LiFePO4 6,4V 1500mAh
SUPREMA LED D-std SA 3H AT IP54 PT	94654	93986	SA (M)	3h	AT	IP54	5W	LiFePO4 6,4V 1500mAh
SUPREMA LED D-std SA 3H AT IP54 NT-S	94608	93961	SA (M)	3h	AT	IP54	5W	LiFePO4 6,4V 1500mAh
SUPREMA LED D-std SA 3H AT IP54 PT-S	94658	94658	SA (M)	3h	AT	IP54	5W	LiFePO4 6,4V 1500mAh
SUPREMA LED D-std CB IP54 NT	94646	94644	-	-	-	IP54	5W	-

D - placa de ghidare a luminii / light guide plate  
 STD - varianta standard / standard variant  
 SA (M) - mod mentinut / maintained mode AT - test automat / auto test  
 NT - montaj pe suprafata / surface mounting

PT - montaj incastat / recessed mounting  
 NT-S - montaj aplicat cu placa de ghidare luminoasa / surface mounting with suspended light guide plate  
 PT-S - montaj incastat cu placa de ghidare luminoasa / recessed mounting with suspended light guide plate

ACCESORII\* / ACCESSORIES\*

Versiune produs / Product version	Numar catalog / Catalogue number
Suport montaj tip consola RAL 9016 / Flag mounting bracket RAL 9016	94494
Suport montaj de perete RAL 9016 / Wall mounting bracket RAL 9016	94493
Suport de montaj suspendat (sufer metalice) / Suspended mounting kit	94492



\* Accesorii pentru modelele cu montaj aplicat (NT) / Accessories for surface-mounting models (NT)





VELLA SO  
Instalat ca aplicat NT /  
installed as NT

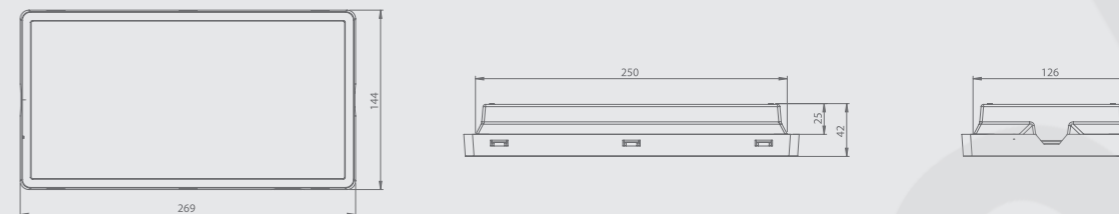


# Vella



- Grad de protectie\* / IP65 or IP44 protection rating\*
- Elementele de carcasa ale corpului de iluminat din materiale de inalta calitate : corp PC/ABS, difuzor PC, placa luminoasa de ghidare PMMA / Luminaire's housing elements made of high quality materials: PC/ABS body, PC diffuser, PMMA light guide plate
- Tensiunea de alimentare: 230V AC 50Hz (pentru MT, AT si CT) sau 230V AC 50Hz (pentru MT, AT si CT) sau 230V AC 50Hz / 220V DC (pentru CB) Supply voltage: 230V AC 50Hz (for MT, AT and CT) or 230V AC 50Hz / 220V DC (for CB)
- Sursa de lumina: diode LED / Light source: LED diodes
- Functii: A (NM) - versiune nementinuta sau SA (M) - versiune mentinuta Functions: A (NM) – non-maintained version or SA (M) – maintained version
- Acumulatori LiFePO4 si NiCd (doar versiunea ECO) cu autonomie 1h, 2h sau 3h \*, incarcare 24h / LiFePO4 and NiCd (only version ECO) batteries with autonomy times 1h, 2h or 3h \*, charging 24 h
- Optiuni de testare: testare manuala MT, testare automata AT sau testare centrala CT (sistemele WELLS) / Test options: manual test MT, auto test AT or central test CT (WELLS system)
- Instalare: perete/tavan, aplicat/incastrat, din tavan suspendat / Installation: wall/ceiling surface or recessed, ceiling – optionally suspended
- Pentru iluminarea cailor de evacuare, indicarea directiilor si marcarea iesirilor de urgenta in cladirile publice / For illuminating evacuation paths, indicating its directions and marking evacuation exits in public utility buildings
- Vizibilitate: 24 m / Visibility: 24 m
- Temperatura de culoare 5000K / Colour temepature 5000K
- Indice de redare al culorilor: Ra ≥ 70 / CRI index: Ra ≥ 70
- Temperatura de functionare: 10°C ÷ 50°C / Temperature working range: t<sub>a</sub> 10°C ÷ 50°C

\* depinde de versiune / depending on version



## VELLA LED SO

Model / Model	Numar catalog / Catalogue number		Optică / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protectie / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
VELLA LED ECO SO 125 A 1H MT IP44	93678	93696	SO	157 lm	A (NM)	1h	MT	IP44	1,5W	NiCd 3,6V 600mAh
VELLA LED ECO SO 125 SA 1H MT IP44	93677	93694	SO	157 lm	SA (M)	1h	MT	IP44	3,5W	NiCd 3,6V 600mAh
VELLA LED ECO SO 125 SA 3H MT IP44	93669	93681	SO	157 lm	SA (M)	3h	MT	IP44	4W	NiCd 3,6V 1200mAh
VELLA LED ECO SO 125 A 1H MT IP65	93676	93660	SO	157 lm	A (NM)	1h	MT	IP65	1,5W	NiCd 3,6V 600mAh
VELLA LED ECO SO 125 SA 1H MT IP65	93675	93658	SO	157 lm	A (NM)	1h	MT	IP65	3,5W	NiCd 3,6V 600mAh
VELLA LED ECO SO 125 A 3H MT IP65	93668	93642	SO	157 lm	SA (M)	3h	MT	IP65	1,5W	NiCd 3,6V 1200mAh
VELLA LED ECO SO 125 SA 3H MT IP65	93667	93672	SO	157 lm	SA (M)	3h	MT	IP65	4W	NiCd 3,6V 1200mAh
VELLA LED ECO SO 125 SA 8H MT IP65	93673	93593	SO	157 lm	SA (M)	8h	MT	IP65	4,5W	NiCd 3,6V 4000mAh
VELLA LED ECO SO 125 CB IP65	93665	93565	SO	157 lm	-	-	-	IP65	2,5W	-
VELLA LED ECO SO 250 A 1H MT IP44	93664	93692	SO	314 lm	A (NM)	1h	MT	IP44	1,5W	NiCd 3,6V 1000mAh
VELLA LED ECO SO 250 SA 3H MT IP44	93655	93683	SO	314 lm	SA (M)	3h	MT	IP44	7W	NiCd 3,6V 2500mAh
VELLA LED ECO SO 250 A 1H MT IP65	93662	93646	SO	314 lm	A (NM)	1h	MT	IP65	1,5W	NiCd 3,6V 1000mAh
VELLA LED ECO SO 250 SA 1H MT IP65	93661	93644	SO	314 lm	SA (M)	1h	MT	IP65	6W	NiCd 3,6V 1000mAh
VELLA LED ECO SO 250 SA 3H MT IP65	93653	93638	SO	314 lm	SA (M)	3h	MT	IP65	7W	NiCd 3,6V 2500mAh
VELLA LED ECO SO 250 CB IP65	93651	93556	SO	314 lm	-	-	-	IP65	5W	-
VELLA LED SO 150 SA 3H MT IP65	93504	93632	SO	190 lm	SA (M)	3h	MT	IP65	6W	LiFePO4 6,4V 1500mAh
VELLA LED SO 150 A 1H AT IP65	93547	93625	SO	190 lm	A (NM)	1h	AT	IP65	3,5W	LiFePO4 6,4V 600mAh
VELLA LED SO 150 SA 3H AT IP44	93506	93628	SO	190 lm	SA (M)	3h	AT	IP44	6W	LiFePO4 6,4V 1500mAh
VELLA LED SO 150 SA 3H AT IP65	93508	93622	SO	190 lm	SA (M)	3h	AT	IP65	5W	LiFePO4 6,4V 1500mAh
VELLA LED SO 250 SA 3H MT IP65	93516	93630	SO	331 lm	SA (M)	3h	MT	IP65	7W	LiFePO4 6,4V 3000mAh
VELLA LED SO 250 SA 3H AT IP44	93518	93592	SO	331 lm	SA (M)	3h	AT	IP44	8W	LiFePO4 6,4V 3000mAh
VELLA LED SO 250 SA 3H AT IP65	93520	93615	SO	331 lm	SA (M)	3h	AT	IP65	7W	LiFePO4 6,4V 3000mAh
VELLA LED SO 350 SA 3H AT IP65	93525	93607	SO	368 lm	SA (M)	3h	AT	IP65	8W	LiFePO4 6,4V 3000mAh
VELLA LED SO 350-P SA 3H AT IP65	93529	93599	SO	446 lm	SA (M)	3h	AT	IP65	9W	LiFePO4 6,4V 3000mAh
VELLA LED SO 650 SA 2H AT IP65	93527	93594	SO	732 lm	SA (M)	2h	AT	IP65	12W	LiFePO4 6,4V 3000mAh

## VELLA LED SC

Model / Model	Numar catalog / Catalogue number		Optică / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protectie / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
VELLA LED ECO SC 125 SA 1H MT IP65	93808	93659	SC	159 lm	SA (M)	1h	MT	IP65	1W	NiCd 3,6V 600mAh
VELLA LED ECO SC 125 SA 3H MT IP65	93799	93671	SC	159 lm	SA (M)	3h	MT	IP65	4W	NiCd 3,6V 1200mAh
VELLA LED ECO SC 250 SA 3H MT IP65	93785	93789	SC	286 lm	SA (M)	3h	MT	IP65	7W	NiCd 3,6V 2500mAh
VELLA LED ECO SC 250 A 1H MT IP65	93794	93645	SC	286 lm	A (NM)	1h	MT	IP65	1,5W	NiCd 3,6V 1000mAh
VELLA LED ECO SC 250 SA 1H MT IP65	93793	93643	SC	286 lm	SA (M)	1h	MT	IP65	6W	NiCd 3,6V 1000mAh
VELLA LED SC 250 CB IP65	93700	93591	SC	331 lm	-	-	-	IP65	5W	-
VELLA LED SC 150 SA 3H AT IP65	93702	93621	SC	159 lm	SA (M)	3h	AT	IP65	7W	LiFePO4 6,4V 1500mAh
VELLA LED SC 250 SA 3H AT IP65	93706	93614	SC	287 lm	SA (M)	3h	AT	IP65	8W	LiFePO4 6,4V 3000mAh

SO - spatii deschise / open spaces  
SC - lentile de tip coridor / corridor lens type  
350-P - spatii deschisee (led de putere) / open spaces (Power LED)  
A (NM) - mod nementinut / non-maintained mode

SA (M) - mod mentinut / maintained mode  
MT - testare manuala / manual test  
AT - testare automata / auto test  
CB - baterie centrala / central battery



VELLA LED SC BLACK

VELLA LED SC

Model / Model	Numar catalog / Catalogue number		Optică / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
VELLA LED SOH 250 SA 3H AT IP65	93532	93612	SOH	346 lm	SA (M)	3h	AT	IP65	9W	LiFePO4 6,4V 3000mAh
VELLA LED SOH 250 CB IP65	93549	93590	SOH	347 lm	-	-	-	IP65	6W	-
VELLA LED SOH 400 SA 2H AT IP65	93536	93597	SOH	525 lm	SA (M)	2h	AT	IP65	10W	LiFePO4 6,4V 3000mAh

VELLA LED SCH

Model / Model	Numar catalog / Catalogue number		Optică / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
VELLA LED SCH 350 SA 3H AT IP65	93718	93600	SCH	477 lm	SA (M)	3h	AT	IP65	10W	LiFePO4 6,4V 3000mAh

VELLA LED SCA

Model / Model	Numar catalog / Catalogue number		Optică / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
VELLA LED SCA 150 SA 3H AT IP65	93710	93619	SC	184 lm	SA (M)	3h	AT	IP65	6W	LiFePO4 6,4V 1500mAh
VELLA LED SCA 250 SA 3H AT IP65	93714	93610	SC	333 lm	SA (M)	3h	AT	IP65	8W	LiFePO4 6,4V 3000mAh
VELLA LED SCA 250 CB IP65	93699	93589	SC	333 lm	-	-	-	IP65	4,5W	-

VELLA LED SCHA

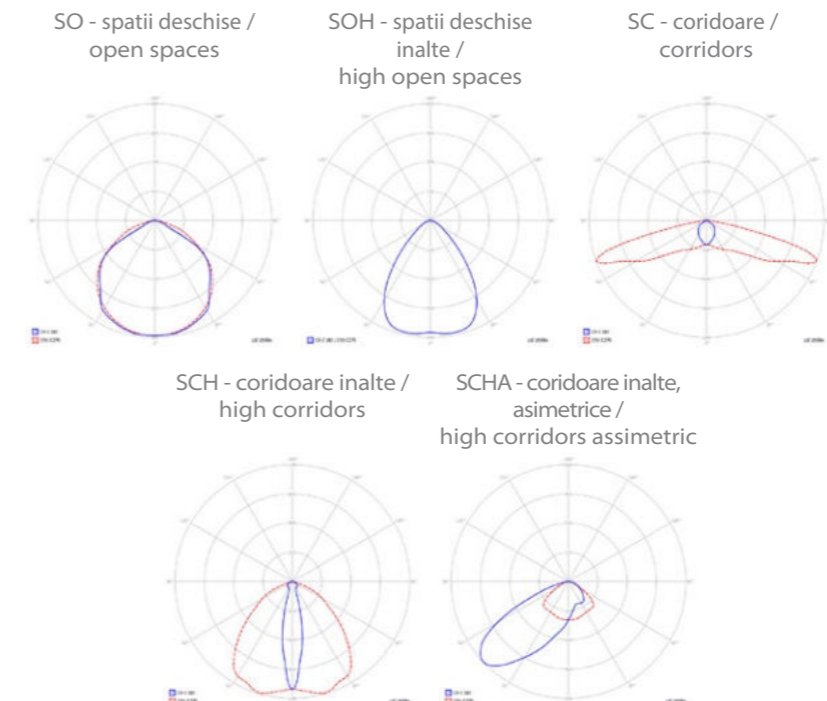
Model / Model	Numar catalog / Catalogue number		Optică / Optics	Flux luminos / Luminous flux	Mod / Mode	Autonomie / Autonomy	Test / Test	Nivel de protecție / Protection level	Putere / Power	Acumulator / Battery Pack
	Alb / White	Negru / Black								
VELLA LED SCHA 250 SA 3H AT IP65	93722	93608	SCHA	336 lm	SA (M)	3h	AT	IP65	9W	LiFePO4 6,4V 3000mAh
VELLA LED SCHA 400 SA 2H AT IP65	93726	93595	SCHA	468 lm	SA (M)	2h	AT	IP65	11W	LiFePO4 6,4V 3000mAh

SOH - spatii deschise inalte / open spaces high  
SCHA - lentile tip coridor pentru spatii inalte, asimetrice / corridor lens type for high spaces, asymmetric  
SCA - lentile tip coridor, asimetrice / asymmetric corridor lens type  
SCH - lentile tip coridor pentru spatii inalte / corridor lens type for high spaces

A (NM) - mod nementinut / non-maintained mode  
SA (M) - mod mentinut / maintained mode  
MT - testare manuala / manual test  
AT - testare automata / auto test  
CB - baterie centrala / central battery



DISTRIBUTIA LUMINII PENTRU DIVERSE LENTILE / EXEMPLARY LIGHT DIVISIONS FOR LENS







Vella LED Black  
Instalat ca DS NT /  
installed as DS NT



Vella LED  
Instalat ca DS NT /  
installed as DS NT



Vella LED  
Instalat ca SO PT /  
installed as SO PT

TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES

VELLA LED SO 150

Inaltimea instalatiei (m) / Installation height (m)				
2,5	3,3	8,4	8,2	3,2
3	3,4	9	8,7	3,3
4	3,4	9,7	9,4	3,3

VELLA LED SC 150

Inaltimea instalatiei (m) / Installation height (m)				
2,5	2,4	6,5	17,1	6,8
3	2,4	6,8	18,6	7
4	2,2	7	20,2	6,1

VELLA LED SO 350

Inaltimea instalatiei (m) / Installation height (m)				
2,5	4,1	10,1	8,9	4
3	4,4	11	10,7	4,2
4	4,7	12,3	11,9	4,6

VELLA LED SO 350-P

Inaltimea instalatiei (m) / Installation height (m)				
2,5	4,3	10,8	10,8	4,3
3	4,6	11,7	11,6	4,6
4	5,1	13,2	13	5,1

VELLA LED SO 250

Inaltimea instalatiei (m) / Installation height (m)				
2,5	3,8	9,6	10	4
3	4,1	10,5	10,8	4,2
4	4,4	11,6	11,9	4,4

VELLA LED SC 250

Inaltimea instalatiei (m) / Installation height (m)				
2,5	2,8	7,6	19,2	7,6
3	3	8	21,2	8,7
4	2,9	8,4	24,2	8,5

VELLA LED SOH 250

Inaltimea instalatiei (m) / Installation height (m)				
2,5	3	7,5	7,5	3
3	3,4	8,2	8,2	3,4
4	4	9,5	9,5	4

VELLA LED SCH 350

Inaltimea instalatiei (m) / Installation height (m)				
2,5	2,5	7,2	11,6	5,1
3	2,9	8,5	13,8	5,8
4	2,4	8,5	16,2	6,6

VELLA LED SO 650

Inaltimea instalatiei (m) / Installation height (m)				
2,5	4,9	11,9	12,1	4,9
3	5,4	13	13,2	5,4
4	5,9	15	15	5,9

VELLA LED SOH 400

Inaltimea instalatiei (m) / Installation height (m)				
2,5	3,5	8,6	8,6	3,5
3	3,8	9,3	9,3	3,8
4	4,4	10,8	10,8	4,4

ACCESORII SI PICTOGRAME / ACCESSORIES AND PICTOGRAMS

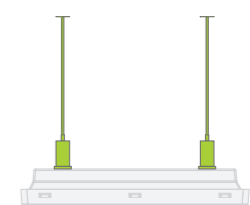
Versiune produs / Product version	Numar catalog / Catalogue number	Dimensiuni (mm) / Dimension (mm)
DS Vella - placa PMMA / DS Vella - PMMA plate	93601	267x150
iesire la stanga / Exit left	93334	123x123
iesire la dreapta / Exit right	93335	123x123
Sageata stanga / dreapta / sus / jos / Arrow left / right / up / down	93336	123x123
Sageata sus / jos / Arrow cross up / down	93337	123x123
Calea de evacuare / Evacuation exit	93338	246x123
Hidrant de incendiu / Fire hose reel	93091	246x123
Kit montaj ingropat "PT" / „PT” recessed mounting kit	94491	246x123
Kit montaj suspendat / Suspended mounting kit	94490	246x123



93601



94491



94490



PICTOGRAME INCLUDE IN KIIT / PICTOGRAM IN THE KIT

Doar pentru - Vella Led ECO SO 125/250, Vella LED SO 150/250 / Only for - Vella LED ECO SO 125/250, Vella LED SO 150/250



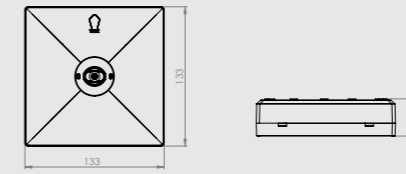


Starlet Quad LED

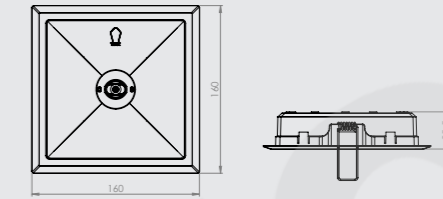
# Starlet Quad LED



- Grad de protecție IP20 / IP20 protection rating
- Baza carcasei și difuzorul optic sunt fabricate din policarbonat de înaltă calitate (PC) sau PC/ABS / Housing's base and diuser made of high quality polycarbonate (PC) or PC/ABS
- Culori disponibile pentru carcasa: alb sau negru / Housing's color available: white or black
- Tensiunea de alimentare: 230V AC 50Hz (pentru MT, AT și CT) sau 230V AC 50Hz / 220V DC (pentru CB) / Power supply voltage: 230V AC 50Hz (for MT, AT and CT) or 230V AC 50Hz / 220V DC (for CB)
- Sursa de lumină: LED de mare putere / Light source: high power LED
- Trei opțiuni de putere pentru sursa luminoasă: 1W, 2W sau 3W / Three light source power options: 1W, 2W or 3W
- Funcții: NM (A) - mod nementinut sau M (SA) - mod menținut / Functions: NM (A) - non-maintained or M (SA) - maintained version
- Autonomie: 1h, 2h sau 3h / Autonomy times: 1h, 2h or 3h
- Baterii utilizate: LiFePO4 (litiu-fier-fosfat) / Batteries applied: LiFePO4 (lithium-iron-phosphate)
- Optică: SO - spații deschise, SC - coridoare, SOH - zone deschise înalte sau SCH - coridor înalt / Optics: SO - open spaces, SC - corridors, SOH - high open areas or SCH - high corridor
- Opțiuni de testare: MT - testare manuală, AT - testare automată, CT - test central (Wells) sau CB - versiune centrală a bateriei / Testing options: MT - manual test, AT - auto test, CT - central test (Wells) or CB - central battery version
- Mod de instalare: pe tavan (aplicat) sau în tavan (incastrat) / Installation way: on ceiling (surface) or in ceiling (recessed)
- Aplicații de iluminat pentru: spații deschise, camere înalte, cai de evacuare și ieșiri / Lighting applications for: open spaces, high rooms, evacuation ways and exits
- Temperatura de culoare 5000K / Colour temperature 5000K
- Indicele CRI Ra ≥ 70 / CRI index: Ra ≥ 70
- Temperatura de lucru t<sub>a</sub> 0°C ÷ 40°C / Temperature working range: t<sub>a</sub> 0°C ÷ 40°C



Starlet Quad LED



Starlet Quad LED  
cu accesoriu pentru montajul incasat PT\*  
with an accessory PT recessed installation frame\*

## STARLET QUAD SO

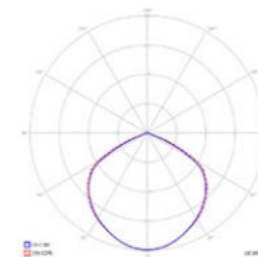
Model / Model	Numar catalog / Catalogue number		Putere totala / Total power	Optica / Optics	Flux luminos de retea / Mains luminous flux	Flux luminos de urgenta / Emergency luminous flux	Mod / Mode	Autonomie / Autonomy	Acumulator / Battery Pack	Test / Test
	Alb / White	Negru / Black								
STARLET QUAD LED SO 150 A 1H MT	92801	92996	1W	SO	-	150lm	A (NM)	1h	NiCd 3,6V 800mAh	MT
STARLET QUAD LED SO 150 SA 1H MT	92802	92995	3,5W	SO	150lm	150lm	SA (M)	1h	NiCd 3,6V 800mAh	MT
STARLET QUAD LED SO 150 SA 1H AT	92804	92994	3W	SO	150lm	150lm	SA (M)	1h	NiCd 3,6V 800mAh	AT
STARLET QUAD LED SO 150 SA 3H MT	92814	92993	3,5W	SO	150lm	150lm	SA (M)	3h	NiCd 3,6V 1700mAh	MT
STARLET QUAD LED SO 150 SA 3H AT	92816	92992	3,5W	SO	150lm	150lm	SA (M)	3h	NiCd 3,6V 1700mAh	AT
STARLET QUAD LED SO 150 CB	92819	92991	2W	SO	150lm	150lm	-	-	-	CB
STARLET QUAD LED SO 250 A 1H MT	92821	92990	1,5W	SO	-	260lm	A (NM)	1h	NiCd 3,6V 1700mAh	MT
STARLET QUAD LED SO 250 SA 1H MT	92822	92989	6W	SO	260lm	260lm	SA (M)	1h	NiCd 3,6V 1700mAh	MT
STARLET QUAD LED SO 250 SA 1H AT	92824	92988	5W	SO	260lm	260lm	SA (M)	1h	NiCd 3,6V 1700mAh	AT
STARLET QUAD LED SO 250 SA 3H MT	92834	92987	6W	SO	260lm	260lm	SA (M)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SO 250 SA 3H AT	92836	92986	6W	SO	260lm	260lm	SA (M)	3h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SO 250 CB	92839	92985	4W	SO	260lm	260lm	-	-	-	CB
STARLET QUAD LED SO 350 A 2H AT	92845	92984	2,5W	SO	-	390lm	A (NM)	2h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SO 350 A 3H MT	92847	92983	2,5W	SO	-	390lm	A (NM)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SO 350 CB	92848	92982	6W	SO	390lm	390lm	-	-	-	CB

SO - Zone deschise / open spaces  
A (NM) - mod nementinut / non-maintained mode  
SA (M) - mod menținut / maintained mode

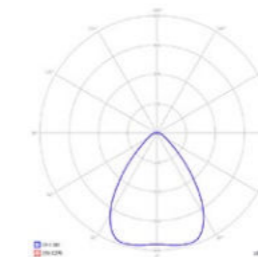
MT - testare manuală / manual test AT  
- testare automată / auto test CB -  
bateria centrală / central battery

## DISTRIBUTIA LUMINII PENTRU DIVERSE LENTILE / EXEMPLARY LIGHT DIVISIONS FOR LENS

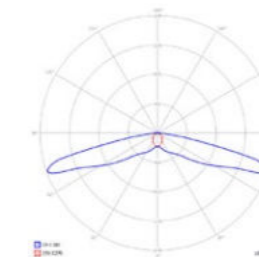
SO - spatii deschise / open spaces



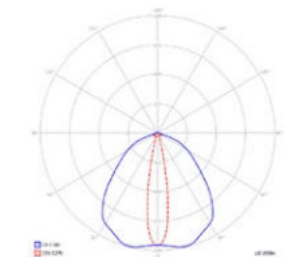
SOH - spatii deschise inalte / high open spaces



SC - coridoare / corridors



SCH - coridoare inalte / high corridors





STARLET QUAD LED SC

Model / Model	Numar catalog / Catalogue number		Putere totala / Total power	Optica / Optics	Flux luminos de retea / Mains luminous flux	Flux luminos de urgenta / Emergency luminous flux	Mod / Mode	Autonomie / Autonomy	Acumulator / Battery Pack	Test / Test
	Alb / White	Negru / Black								
	STARLET QUAD LED SC 150 A 1H MT	92901								
STARLET QUAD LED SC 150 SA 1H MT	92902	92899	3,5W	SC	140lm	140lm	SA (M)	1h	NiCd 3,6V 800mAh	MT
STARLET QUAD LED SC 150 SA 1H AT	92904	92898	3W	SC	140lm	140lm	SA (M)	1h	NiCd 3,6V 800mAh	AT
STARLET QUAD LED SC 150 SA 3H MT	92914	92897	3,5W	SC	140lm	140lm	SA (M)	3h	NiCd 3,6V 1700mAh	MT
STARLET QUAD LED SC 150 SA 3H AT	92916	92896	3,5W	SC	140lm	140lm	SA (M)	3h	NiCd 3,6V 1700mAh	AT
STARLET QUAD LED SC 150 CB	92919	92895	2W	SC	140lm	140lm	-	-	-	CB
STARLET QUAD LED SC 250 A 1H MT	92921	92894	1,5W	SC	-	240lm	A (NM)	1h	NiCd 3,6V 1700mAh	MT
STARLET QUAD LED SC 250 SA 1H MT	92922	92893	6W	SC	240lm	240lm	SA (M)	1h	NiCd 3,6V 1700mAh	MT
STARLET QUAD LED SC 250 SA 1H AT	92924	92892	5W	SC	240lm	240lm	SA (M)	1h	NiCd 3,6V 1700mAh	AT
STARLET QUAD LED SC 250 SA 3H MT	92934	92891	6W	SC	240lm	240lm	SA (M)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SC 250 SA 3H AT	92936	92890	6W	SC	240lm	240lm	SA (M)	3h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SC 250 CB	92939	92889	4W	SC	240lm	240lm	-	-	-	CB
STARLET QUAD LED SC 350 A 2H AT	92945	92888	2,5W	SC	-	340lm	A (NM)	2h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SC 350 A 3H MT	92947	92887	2,5W	SC	-	340lm	A (NM)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SC 350 CB	92948	92886	6W	SC	340lm	340lm	-	-	-	CB

SC - lentile tip coridor / corridor lens type  
A (NM) - mod nementinut / non-maintained mode  
SA (M) - mod mentinut / maintained mode

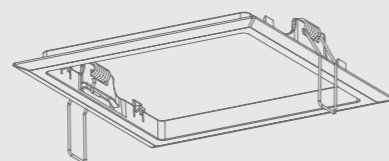
MT - testare manuala / manual test AT -  
testare automata / auto test CB -  
baterie centrala / central battery



Starlet Quad SO  
Instalat ca PT (incastrat) /  
installed as PT (recessed)

ACCESORII / ACCESSORIES

Versiune produs / Product version	Numar catalog / Catalogue number	
	Alb / White	Negru / Black
Cadru de instalare PT (incastrat) / PT recessed installation frame	93001	92820



93001



STARLET QUAD LED SOH

Model / Model	Numar catalog / Catalogue number		Putere totala / Total power	Optica / Optics	Flux luminos de retea / Mains luminous flux	Flux luminos de urgenta / Emergency luminous flux	Mod / Mode	Autonomie / Autonomy	Acumulator / Battery Pack	Test / Test
	Alb / White	Negru / Black								
	STARLET QUAD LED SOH 250 SA 1H MT	92852								
STARLET QUAD LED SOH 250 SA 1H AT	92854	92980	5W	SOH	260lm	260lm	SA (M)	1h	NiCd 3,6V 1700mAh	AT
STARLET QUAD LED SOH 250 SA 3H MT	92864	92979	6W	SOH	260lm	260lm	SA (M)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SOH 250 SA 3H AT	92866	92970	6W	SOH	260lm	260lm	SA (M)	3h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SOH 250 CB	92869	92950	4W	SOH	260lm	260lm	-	-	-	CB
STARLET QUAD LED SOH 350 A 2H AT	92875	92949	2,5W	SOH	-	390lm	A (NM)	2h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SOH 350 A 3H MT	92877	92940	2,5W	SOH	-	390lm	A (NM)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SOH 350 CB	92878	92920	6W	SOH	390lm	390lm	-	-	-	CB

SOH -spatii deschise inalte / open spaces high  
A (NM) - mod nementinut / non-maintained mode  
SA (M) - mod mentinut / maintained mode

MT - testare manuala / manual test  
AT - testare automata / auto test CB -  
baterie centrala / central battery

Starlet Quad SCH



STARLET QUAD LED SCH

Model / Model	Numar catalog / Catalogue number		Putere totala / Total power	Optica / Optics	Flux luminos de retea / Mains luminous flux	Flux luminos de urgenta / Emergency luminous flux	Mod / Mode	Autonomie / Autonomy	Acumulator / Battery Pack	Test / Test
	Alb / White	Negru / Black								
	STARLET QUAD LED SCH 250 SA 1H MT	92952								
STARLET QUAD LED SCH 250 SA 1H AT	92954	92884	5W	SCH	240lm	240lm	SA (M)	1h	NiCd 3,6V 1700mAh	AT
STARLET QUAD LED SCH 250 SA 3H MT	92964	92883	6W	SCH	240lm	240lm	SA (M)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SCH 250 SA 3H AT	92966	92882	6W	SCH	240lm	240lm	SA (M)	3h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SCH 250 CB	92969	92881	4W	SCH	240lm	240lm	-	-	-	CB
STARLET QUAD LED SCH 350 A 2H AT	92975	92880	2,5W	SCH	-	400lm	A (NM)	2h	NiMH 3,6V 4700mAh	AT
STARLET QUAD LED SCH 350 A 3H MT	92977	92879	2,5W	SCH	-	400lm	A (NM)	3h	NiMH 3,6V 4700mAh	MT
STARLET QUAD LED SCH 350 CB	92978	92870	6W	SCH	400lm	400lm	-	-	-	CB

SCH -lentile tip coridor pentru spatii inalte / corridor  
lens type for high spaces  
A (NM) - mod nementinut / non-maintained mode  
SA (M) - mod mentinut / maintained mode

MT - testare manuala / manual test AT -  
testare automata / auto test CB - baterie  
centrala / central battery





TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES

STARLET QUAD SO 150

Inaltimea instalatiei (m) / Installation height (m)				
2,5	3,2	8,0	7,9	3,2
3	3,2	8,7	8,7	3,3
4	3,1	9,3	9,3	3,1

STARLET QUAD SO 250

Inaltimea instalatiei (m) / Installation height (m)				
2,5	3,7	8,8	9,2	3,8
3	3,9	9,8	9,2	4,1
4	4,1	11,3	11,5	4,2

STARLET QUAD SO 350

Inaltimea instalatiei (m) / Installation height (m)				
2,5	4,1	9,3	9,9	4,1
3	4,4	10,6	11,1	4,6
4	4,9	12,6	13,0	4,9

STARLET QUAD SOH 250

Inaltimea instalatiei (m) / Installation height (m)				
2,5	2,7	6,7	6,7	2,7
3	3,1	7,3	7,3	3,1
4	3,6	8,5	8,5	3,6

STARLET QUAD SOH 350

Inaltimea instalatiei (m) / Installation height (m)				
2,5	3,0	7,5	7,5	3,0
3	3,4	8,2	8,2	3,4
4	4,0	9,5	9,5	4,0

STARLET QUAD SC 150

Inaltimea instalatiei (m) / Installation height (m)				
2,5	7,2	17,8	5,1	1,8
3	7,8	19,7	5,2	1,6
4	4,9	21,9	5,0	1,1

STARLET QUAD SC 250

Inaltimea instalatiei (m) / Installation height (m)				
2,5	8,1	19,1	6,3	2,3
3	9,2	21,7	6,4	2,3
4	9,9	25,7	6,6	2,1

STARLET QUAD SC 350

Inaltimea instalatiei (m) / Installation height (m)				
2,5	8,7	20,3	7,2	2,6
3	9,8	22,9	7,5	2,7
4	10,9	27,8	7,7	2,7

STARLET QUAD SCH 250

Inaltimea instalatiei (m) / Installation height (m)				
2,5	4,9	12,3	5,0	1,0
3	5,4	13,4	4,4	1,0
4	5,9	15,0	3,0	1,1

STARLET QUAD SCH 350

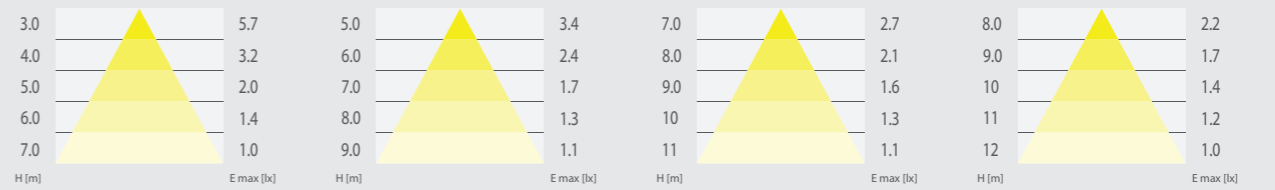
Inaltimea instalatiei (m) / Installation height (m)				
2,5	5,3	12,9	5,6	1,1
3	6,1	15,3	6,5	1,2
4	6,6	17,2	3,8	1,4



Starlet Quad SO



Starlet Quad SC

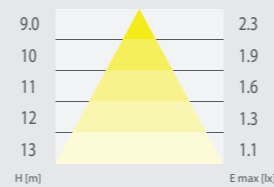


Starlet Quad LED SO 150

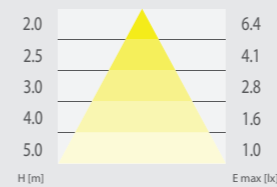
Starlet Quad LED SO 250

Starlet Quad LED SO 350

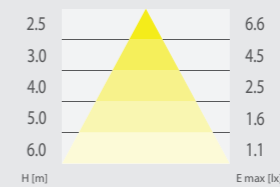
Starlet Quad LED SOH 250



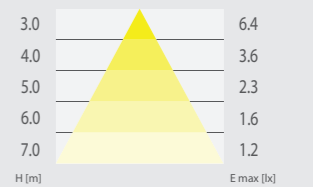
Starlet Quad LED SOH 350



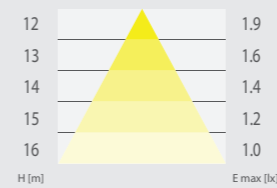
Starlet Quad LED SC 150



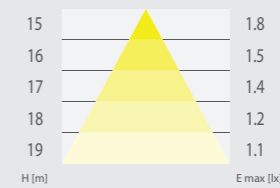
Starlet Quad LED SC 250



Starlet Quad LED SC 350



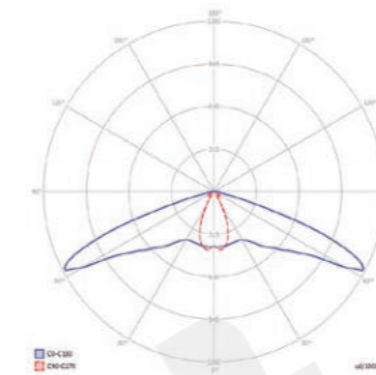
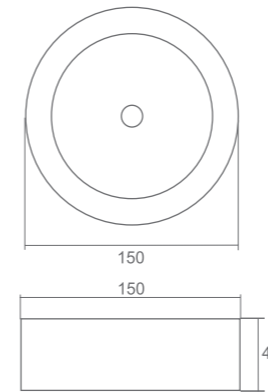
Starlet Quad LED SCH 250



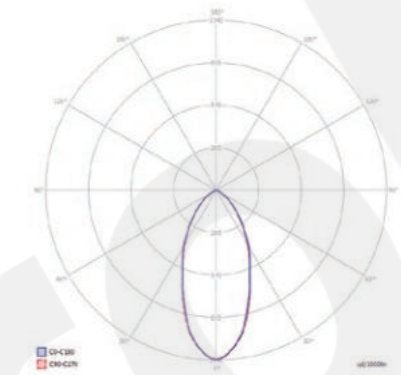
Starlet Quad LED SCH 350



Starlet External SC



Starlet External SC



Starlet External SO



Starlet External SO



# Starlet External



- ▶ Grad de protectie IP41 / IP41 protection rating
- ▶ Carcasa din policarbonat de inalta calitate / High-quality polycarbonate enclosure
- ▶ Culori disponibile: alb / Available colours: white
- ▶ Tensiunea de alimentare: 230V 50Hz (MT, AT, CT) sau 230V 50Hz / 220V DC (CB) / Power supply voltage: 230V 50Hz (MT, AT, CT) or 230V 50Hz / 220V DC (CB)
- ▶ Sursa de lumina: Diode LED de 3W sau 5W / Light source: 3W or 5 W LED diodes
- ▶ Tipuri de lentile: pentru rute de evacuare sau zone deschise / Type of lens: for evacuation routes or open zones
- ▶ Functii: A (NM) - versiune nementinut sau SA (M) - versiune mentinut / Function: A (NM) - non-maintained version or SA (M) - maintained version
- ▶ Baterii Ni-Cd HT cu autonomie de 3h, incarcare: 24H / Ni-Cd HT batteries with the autonomy time of 3 h; charging: 24 h
- ▶ Test manual (MT), test central (CT) sau autotest (AT) / Manual test (MT), central test (CT) or autotest (AT)
- ▶ O versiune pentru sistemele cu baterie centrala (CB) este de asemenea, disponibila / A version for central battery (CB) systems is also available
- ▶ Instalare aplicata / Ceiling surface-mount installation
- ▶ Pentru iluminarea cailor de evacuare si a iesirilor in cladirile publice / For illuminating evacuation routes and exits in public utility buildings
- ▶ Locuri tipice de instalare: coridoare, scari, zone deschise / Typical places: corridors, staircases, open zones
- ▶ Temperatura de culoare 5000K / Colour temperature 5000K
- ▶ Index CRI: Ra ≥ 70 / CRI index: Ra ≥ 70
- ▶ Temperatura de functionare: t<sub>a</sub> 10°C ÷ 40°C / Temperature working range: t<sub>a</sub> 10°C ÷ 40°C

Model* / Model*	Numar catalog / Catalogue number	Sursa de lumina / Light source	Flux luminos / Luminous flux	Functia** / Function**	Test / Autotest	Autonomie*** / Autonomy***
STARLET EXTERNAL SO 3W A 1H MT	93359	LED 3 W	128 lm	A (NM)	Manual / Manual	1h
STARLET EXTERNAL SO 3W A 3H MT	99898	LED 3 W	128 lm	A (NM)	Manual / Manual	3h
STARLET EXTERNAL SO 3W SA 3H AT	96318	LED 3 W	175 lm	SA (M)	Autotest / Autotest	3h
STARLET EXTERNAL SO 3W SA 3H MT	96321	LED 3 W	175 lm	SA (M)	Manual / Manual	3h
STARLET EXTERNAL SO 5W SA 3H AT	96316	LED 5 W	283 lm	SA (M)	Autotest / Autotest	3h
STARLET EXTERNAL SO 5W SA 3H MT	96320	LED 5 W	283 lm	SA (M)	Manual / Manual	3h
STARLET EXTERNAL SC 3W A 1H MT	93358	LED 3 W	111 lm	A (NM)	Manual / Manual	1h
STARLET EXTERNAL SC 3W A 3H MT	99904	LED 3 W	111 lm	A (NM)	Manual / Manual	3h
STARLET EXTERNAL SC 3W SA 3H AT	96325	LED 3 W	143 lm	SA (M)	Autotest / Autotest	3h
STARLET EXTERNAL SC 3W SA 3H MT	96328	LED 3 W	143 lm	SA (M)	Manual / Manual	3h
STARLET EXTERNAL SC 5W SA 3H AT	96323	LED 5 W	252 lm	SA (M)	Autotest / Autotest	3h
STARLET EXTERNAL SC 5W SA 3H MT	96327	LED 5 W	252 lm	SA (M)	Manual / Manual	3h

\* SC - Tip lentile coridor / corridor lens type, SO - lentile pentru zone deschise / open zones lens type  
 \*\* A (NM) - versiune nementinuta, SA (M) - versiune mentinuta / A (NM) - non-maintained version, SA (M) - maintained version  
 \*\*\* autonomia de 1h este disponibila la cerere / 1 h autonomy time is available on request

## TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES

### STARLET EXTERNAL SC 3 W

Inaltimea instalatiei (m) / Installation height (m)	Icon 1	Icon 2	Icon 3	Icon 4
2,5	5,3	12,9	3,1	1,3
3	5,8	14,3	3,5	1,5
4	4,0	15,6	4,2	1,6

### STARLET EXTERNAL SO 3 W

Inaltimea instalatiei (m) / Installation height (m)	Icon 1	Icon 2	Icon 3	Icon 4
2,5	2,5	6,3	6,4	2,5
3	2,8	6,9	6,9	2,8
4	3,1	7,9	7,9	3,1

### STARLET EXTERNAL SC 5 W

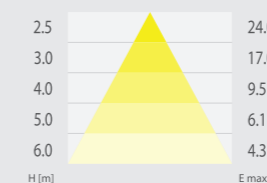
Inaltimea instalatiei (m) / Installation height (m)	Icon 1	Icon 2	Icon 3	Icon 4
2,5	5,6	12,9	6,0	1,5
3	6,4	14,6	5,2	1,7
4	7,5	17,6	4,7	2,0

### STARLET EXTERNAL SO 5 W

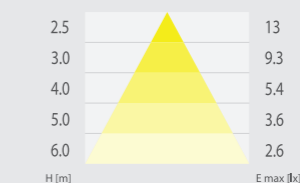
Inaltimea instalatiei (m) / Installation height (m)	Icon 1	Icon 2	Icon 3	Icon 4
2,5	2,9	7,1	7,1	2,9
3	3,3	7,9	7,9	3,3
4	3,7	9,2	9,2	3,7



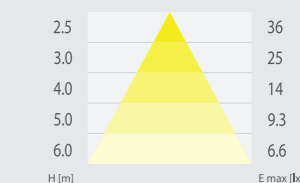
Starlet External SC 3W



Starlet External SO 3W



Starlet External SC 5W



Starlet External SO 5W



Starlet White II SO



Starlet White II SOH



Starlet White II SC



Starlet White II Quad SO



Starlet White II Quad SOH

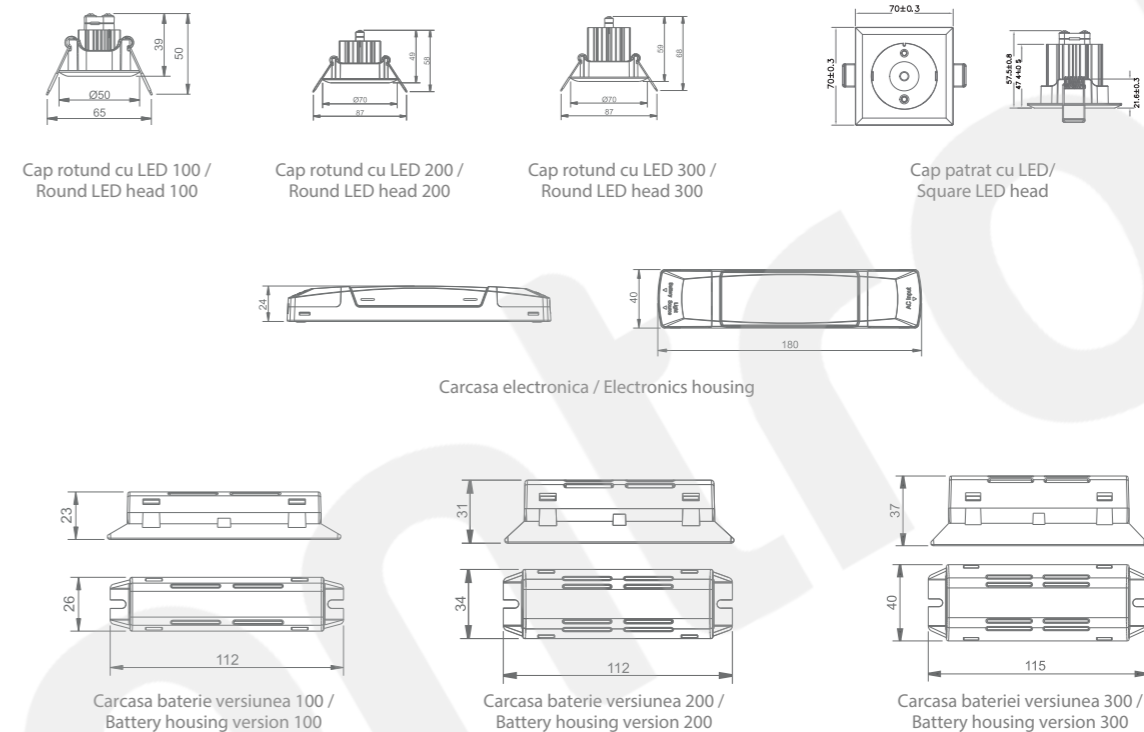


Starlet White II Quad SC

# Starlet White II



- Grad de protecție IP 20 / IP 20 protection rating
- Carcasa produsului, a bateriei și cadrul LED-ului sunt realizate din policarbonat, radiator din aluminiu / Electronics and battery housing and LED head frame made of polycarbonate, heatsink made of aluminium
- Cadru LED: rotund sau patrat / LED head frame: round or square
- Tensiunea de alimentare: 230 V 50 Hz / Power supply voltage: 230 V 50 Hz
- Sursa de lumina: LED / Light source: LED
- Funcții: A (NM) - versiune nementinută sau SA (M) - versiune mentinută / Functions: A (NM) - non-maintained version or SA (M) - maintained version
- Optica: SO - pentru spații deschise, SC - pentru coridoare sau SOH - pentru spații înalte / Optics: SO - for open spaces, SC - for corridors or SOH - for high areas
- Test manual MT sau autotest AT / Manual test MT or autotest AT
- Acumulator: LiFePO4 / Batteries: LiFePO4
- Autonomie: 1h, 3h / Autonomy: 1h, 3h
- Instalare în castrată în tavane / Installation in recessed ceilings
- Pentru iluminarea direcțiilor de evacuare și desemnarea ieșirilor de evacuare în clădirile de utilități publice / For illuminating evacuation directions and designating evacuation exits in public buildings
- Temperatura de culoare 5000K / Colour temperature 5000K
- Indice CRI Ra ≥ 70 / CRI index: Ra ≥ 70
- Temperatura de funcționare: t<sub>s</sub> 10°C ÷ 40°C / Temperature working range: t<sub>s</sub> 10°C ÷ 40°C



## Starlet White II LED SO

Model / Model	Numar catalog / Catalogue number	Sursa de lumina / Light source	Tip de lentile / Type of lens	Flux luminos / Luminous flux	Funcție / Function	Autonomie / Autonomy	Acumulator / Battery pack	Test / Test
Starlet White II LED SO 100 A 3H MT	92009	LED 1W	SO	110lm	A (NM)	3h	LiFePO4 3.2V 1500mAh	MT
Starlet White II LED SO 200 SA 3H MT	92034	LED 2W	SO	200lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	MT
Starlet White II LED SO 200 SA 3H AT	92036	LED 2W	SO	200lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	AT
Starlet White II LED SO 300 SA 3H MT	92064	LED 3W	SO	300lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	MT
Starlet White II LED SO 300 SA 3H AT	92066	LED 3W	SO	300lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	AT

## Starlet White II LED SC

Model / Model	Numar catalog / Catalogue number	Sursa de lumina / Light source	Tip de lentile / Type of lens	Flux luminos / Luminous flux	Funcție / Function	Autonomie / Autonomy	Acumulator / Battery pack	Test / Test
Starlet White II LED SC 100 A 3H MT	92209	LED 1W	SC	110lm	A (NM)	3h	LiFePO4 3.2V 1500mAh	MT
Starlet White II LED SC 200 SA 1H MT	92222	LED 2W	SC	180lm	SA (M)	1h	LiFePO4 3.2V 1500mAh	MT
Starlet White II LED SC 200 SA 3H MT	92234	LED 2W	SC	180lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	MT
Starlet White II LED SC 200 SA 3H AT	92236	LED 2W	SC	180lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	AT
Starlet White II LED SC 300 SA 3H MT	92264	LED 3W	SC	290lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	MT
Starlet White II LED SC 300 SA 3H AT	92266	LED 3W	SC	290lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	AT

## Starlet White II LED SOH

Model / Model	Numar catalog / Catalogue number	Sursa de lumina / Light source	Tip de lentile / Type of lens	Flux luminos / Luminous flux	Funcție / Function	Autonomie / Autonomy	Acumulator / Battery pack	Test / Test
Starlet White II LED SOH 300 SA 3H AT	92166	LED 3W	SOH	310lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	AT

SO - spații deschise / open spaces  
SC - lentile tip coridor / corridor lens type SOH - spații deschise înalte / high open spaces A (NM) - mod nementinut / non-maintained mode

SA (M) - mod mentinut / maintained mode MT - test manual / manual test AT - test automat / auto test





Starlet White II LED Quad SO

Model / Model	Numar catalog / Catalogue number	Sursa de lumina / Light source	Tip de lentile / Type of lens	Flux luminos / Luminous flux	Funcție / Function	Autonomie / Autonomy	Acumulator / Battery pack	Test / Test
Starlet White II LED QUAD SO 200 SA 3H MT	92334	LED 2W	SO	200lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	MT
Starlet White II LED QUAD SO 200 SA 3H AT	92336	LED 2W	SO	200lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	AT
Starlet White II LED QUAD SO 300 SA 3H MT	92364	LED 3W	SO	300lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	MT
Starlet White II LED QUAD SO 300 SA 3H AT	92366	LED 3W	SO	300lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	AT

Starlet White II LED Quad SO

Model / Model	Numar catalog / Catalogue number	Sursa de lumina / Light source	Tip de lentile / Type of lens	Flux luminos / Luminous flux	Funcție / Function	Autonomie / Autonomy	Acumulator / Battery pack	Test / Test
Starlet White II LED QUAD SC 200 SA 1H MT	92222	LED 2W	SC	180lm	SA (M)	1h	LiFePO4 3.2V 1500mAh	MT
Starlet White II LED QUAD SC 200 SA 3H MT	92534	LED 2W	SC	180lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	MT
Starlet White II LED QUAD SC 200 SA 3H AT	92536	LED 2W	SC	180lm	SA (M)	3h	LiFePO4 3.2V 3000mAh	AT
Starlet White II LED QUAD SC 300 SA 3H MT	92564	LED 3W	SC	290lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	MT
Starlet White II LED QUAD SC 300 SA 3H AT	92566	LED 3W	SC	290lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	AT

Starlet White II LED Quad SOH

Model / Model	Numar catalog / Catalogue number	Sursa de lumina / Light source	Tip de lentile / Type of lens	Flux luminos / Luminous flux	Funcție / Function	Autonomie / Autonomy	Acumulator / Battery pack	Test / Test
Starlet White II LED QUAD SOH 300 SA 3H AT	92466	LED 3W	SOH	310lm	SA (M)	3h	LiFePO4 3.2V 5500mAh	AT

SO - spatii deschise / open spaces  
SC - lentile tip coridor / corridor lens type  
SOH - spatii deschise inalte / high open spaces A  
(NM) - mod nementinut / non-maintained mode

SA (M) - mod mentinut / maintained mode  
MT - test manual / manual test  
AT - test automat / auto test



Starlet White II Quad SO



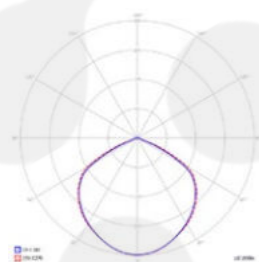
Starlet White II Quad SC



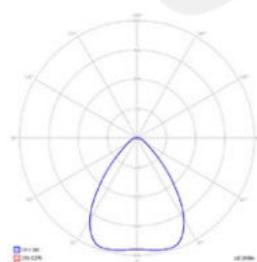
Starlet White II Quad SOH

DISTRIBUTIA LUMINII PENTRU DIVERSE LENTILE / EXEMPLARY LIGHT DIVISIONS FOR LENS

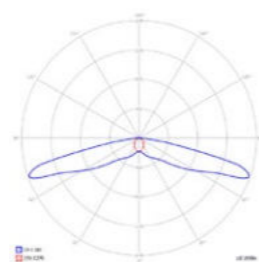
SO - spatii deschise / open spaces



SOH - spatii deschise inalte / high open spaces



SC - coridoare / corridors



TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES

STARLET WHITE II LED SO 100

Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	2,5	6,9	6,9	2,5
3	2,5	7,2	7,2	2,5
4	2,0	7,2	7,2	2,0

STARLET WHITE II LED SO 200

Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	3,3	8,6	8,6	3,3
3	3,4	9,2	9,2	3,4
4	3,4	9,9	9,9	3,4

STARLET WHITE II LED SO 300

Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	3,8	9,7	9,7	3,8
3	4,1	10,4	10,4	4,1
4	4,2	11,5	11,5	4,2

STARLET WHITE II LED SC 100

Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	1,3	3,1	12,3	5,1
3	1,4	3,5	13,6	5,4
4	1,5	4,1	15,1	4,1

STARLET WHITE II LED SC 200

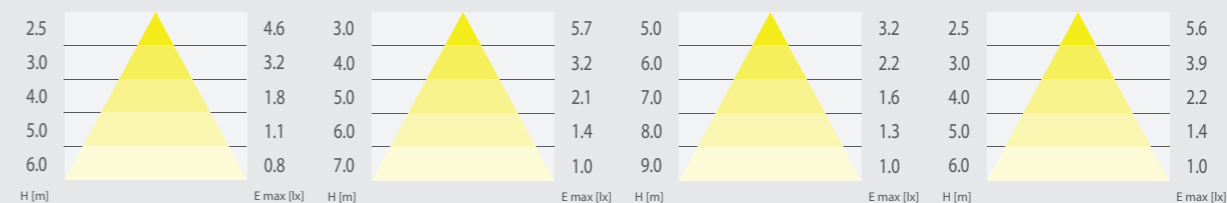
Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	1,6	4,4	12,1	5,1
3	1,8	4,4	13,6	5,8
4	1,9	5,0	16,2	6,4

STARLET WHITE II LED SC 300

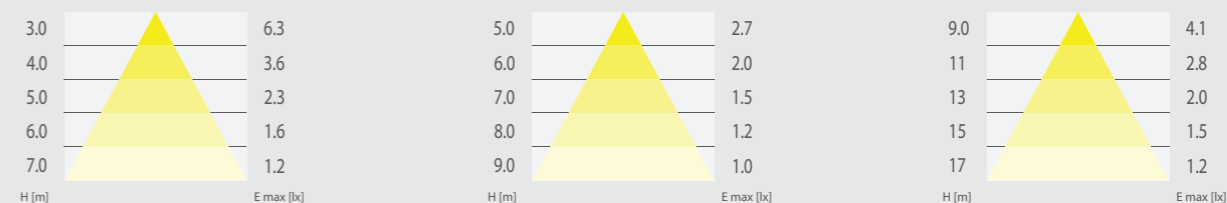
Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	1,8	6,5	12,9	5,6
3	1,8	6,3	14,8	6,4
4	2,2	5,4	17,6	7,2

STARLET WHITE II LED SOH 300

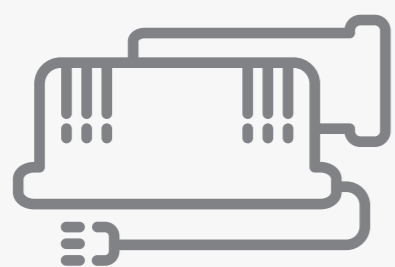
Inaltimea instalatiei (m) / Installation height (m)	Diagram 1	Diagram 2	Diagram 3	Diagram 4
2,5	2,9	6,7	6,7	2,9
3	3,2	7,8	7,8	3,2
4	3,6	9,0	9,0	3,6



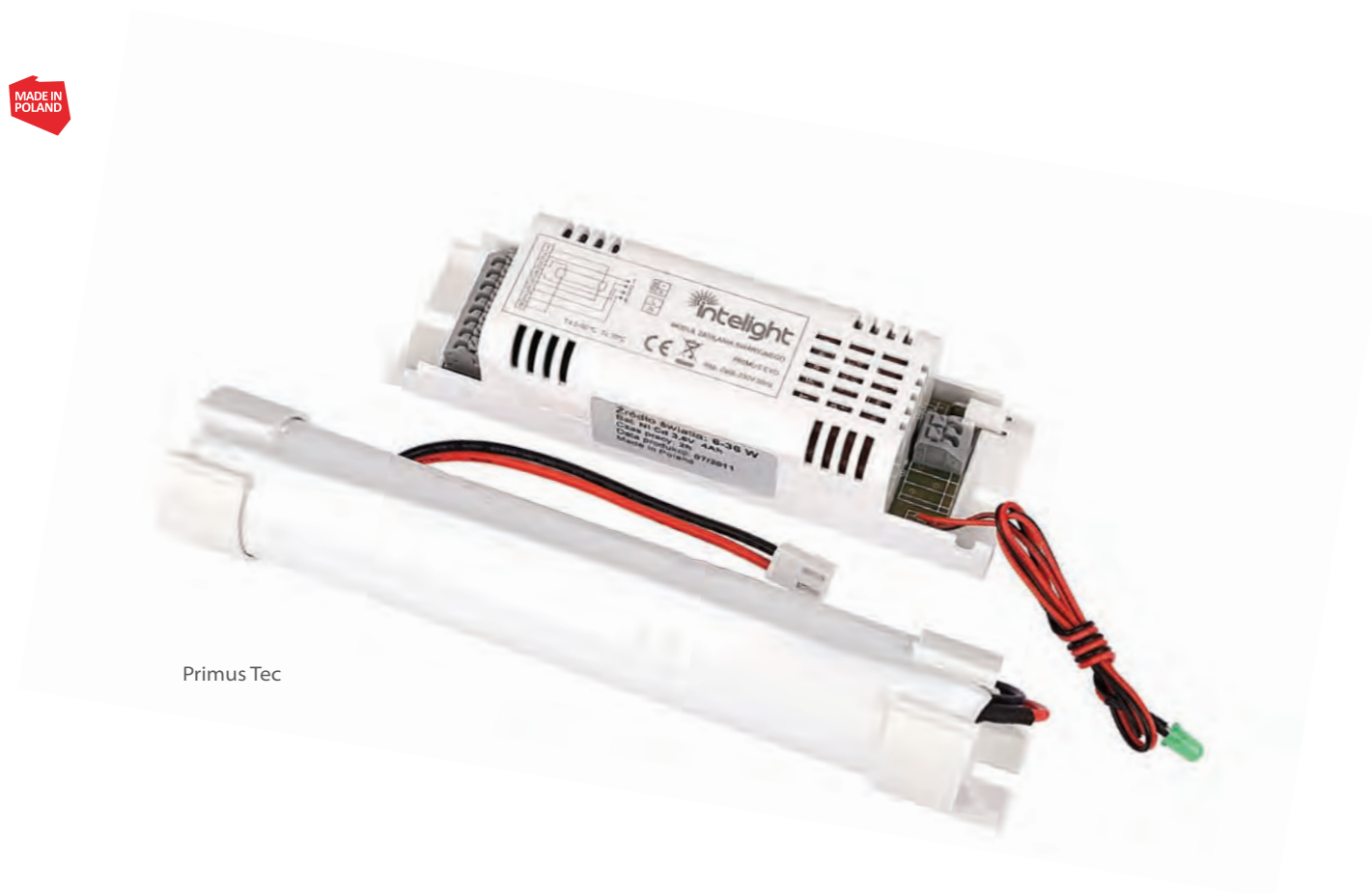
Starlet White II LED SO 100    Starlet White II LED SO 200    Starlet White II LED SO 300    Starlet White II LED SC 100



Starlet White II LED SC 200    Starlet White II LED SC 300    Starlet White II LED SOH 300



# KITURI DE URGENTA EMERGENCY MODULES



Primus Tec

# Primus Tec

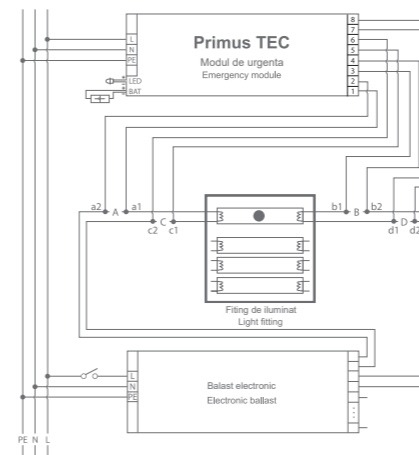


- Grad de protecție IP20 / IP20 protection rating
- Carcasa unitatii este fabricata din policarbonat PC de inalta calitate clasa V0 / The housing of the unit is made of high quality PC polycarbonate class V0
- Tensiunea de alimentare: 230V 50Hz / Power supply voltage: 230V 50Hz
- Corpuri de iluminat acceptate: echipate cu tuburi neon cu 4 pini (T8/G13), 6-58W / Supported lighting fittings: equipped with 4-pin (T8/G13), 6-58 W light tubes. Balasturi acceptate: KVG si EVG / Supported ballasts: KVG and EVG
- Functii: A (NM) - versiune nementinuta sau SA (M) - versiune mentinuta / Functions: A (NM) - non-maintained version or SA (M) - maintained version

- Baterii Ni-Cd HT cu timpul de autonomie: 2h sau 3h / Ni-Cd HT batteries with the autonomy time: 2h or 3h
- Versiune cu test manual disponibil la cerere / Version with manual test available on request
- Instalare: surub fixat in corpul de iluminat sau in exterior / Installation: screw fixed in the luminaire or outside
- Pentru iluminarea cailor de evacuare si a iesirilor in cladirile de utilitati publice / For illuminating evacuation routes and exits in public utility buildings
- Temperatura de lucru:  $t_s$  5°C ÷ 50°C / Temperature working range:  $t_s$  5°C ÷ 50°C

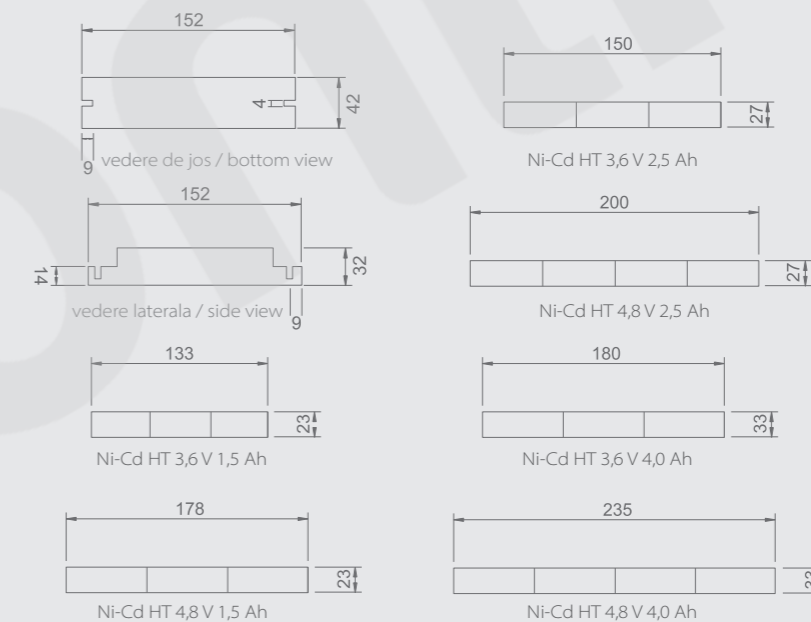
## Acumulatori / Battery packs

- Conector de tip V / V type connector
- Instalare: in suporturi tip C sau D / Installation: in C or D type brackets



## SCHEMA UNIVERSALA DE CABLARE / UNIVERSAL WIRING SCHEME

- Tubul de urgenta este marcat cu un „•” / Emergency tube is marked with a dot „•”
- Cu literele A, B, C si D, exista puncte marcate pe fire, unde firele trebuie taiate / By A, B, C and D letters there are marked points on wires, where the wires must be cut
- Cu notatiile a1, a2, b1, b2, c1, c2, d1 si d2 sunt notate firele „libere”, obtinute dupa taiere / By a1, a2, b1, b2, c1, c2, d1 and d2 letters with numbers there are marked “free” wires, got after cut
- Trebuie sa faceti consecutiv taieri asa cum este descris mai sus, si marcat pe schema, apoi conectati firele „libere” la iesirile kitului de urgenta: / One must consecutively make cuts as described above and marked on scheme, then connect “free” wires to outputs of an emergency module:
- Taiati A: conectati (a1-1) si (a2-2) / Cut A: connect (a1-1) and (a2-2)
- Taiati B: conectati (b1-3) si (b2-4) / Cut B: connect (b1-3) and (b2-4)
- Taiati C: conectati (c1-5) si (c2-6) / Cut C: connect (c1-5) and (c2-6)
- Taiati D: conectati (d1-7) si (d2-8) / Cut D: connect (d1-7) and (d2-8)



Model / Model	Numar catalog* / Catalogue number*	Tip mentinere / Function	Autonomie** / Autonomy**	Greutate cu acumulator (kg) / Weight with battery pack (kg)	Pachet multiplu (buc) / Multi-pack (pcs)
PRIMUS TEC 6-36 W SA/A 1H	97934	SA/A	1 h	0,40	40
PRIMUS TEC 6-36 W SA/A 2H	39941	SA/A	2 h	0,45	40
PRIMUS TEC 6-36 W SA/A 3H	39942	SA/A	3 h	0,55	40
PRIMUS TEC 6-58 W SA/A 1H	97933	SA/A	1 h	0,45	40
PRIMUS TEC 6-58 W SA/A 2H	39944	SA/A	2 h	0,50	40
PRIMUS TEC 6-58 W SA/A 3H	39945	SA/A	3 h	0,60	40

\* Numarul de catalog contine un kit: un modul de urgenta si un acumulator / The catalogue number contains a kit: an emergency unit and a battery pack

\*\* Modele cu autonomii de 1h disponibile la cerere / Models with 1h autonomy times available on request

### PACHET ACUMULATORI / BATTERY PACKS

	Model* / Model*	Numar Catalog / Catalogue number	Tip de pachet / Type of pack	Greutate (kg) / Weight (kg)	Pachet multiplu (buc) / Multi-pack (pcs)
Pachet acumulatori	Ni-Cd HT 3,6 V 2,5 Ah	40158	C	0,21	40
Pachet acumulatori	Ni-Cd HT 3,6 V 4,0 Ah	40159	D	0,35	40
Pachet acumulatori	Ni-Cd HT 4,8 V 2,5 Ah	40161	C	0,28	40
Pachet acumulatori	Ni-Cd HT 4,8 V 4,0 Ah	40162	D	0,46	40

\* Alte pachete de acumulatori la cerere / Other battery packs on request





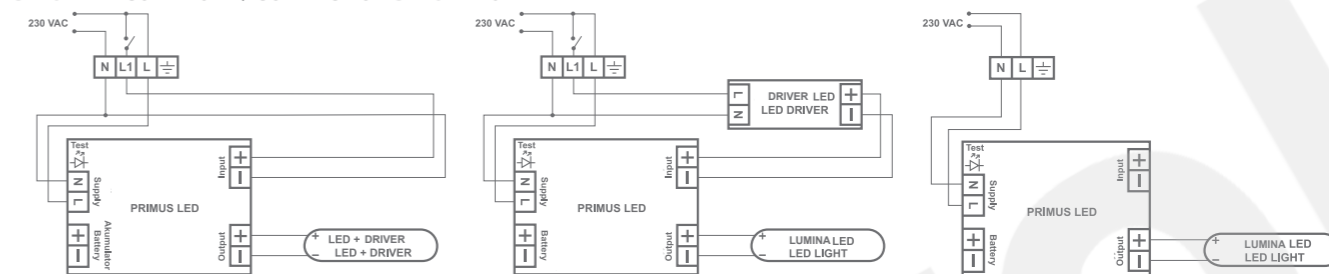
Primus LED

# Primus LED



- Grad de protecție IP20 / IP20 protection rating
- Carcasa unitatii este fabricata din policarbonat PC de inalta calitate clasa V0 / The unit enclosure is made of high-quality V0 class PC polycarbonate Tensiunea de alimentare: 230V 50Hz / Power supply voltage: 230V 50Hz
- Functii: A (NM) – versiune nementinuta sau SA (M) – versiune mentinuta / Functions: A (NM) – non-maintained version or SA (M) – maintained version Baterii / Ni-Cd HT cu autonomie: 2h sau 3h si incarcare: 24h / Ni-Cd HT batteries with the autonomy time: 2h or 3h Charging: 24h
- Instalare: surub fixat in interiorul unui corp de iluminat sau in exterior / Installation : screw fixed within a lighting fitting or externally
- Pentru iluminarea cailor de evacuare si a iesirilor in cladirile de utilitati publice / For illuminating evacuation routes and exits in public utility buildings Proiectat pentru instalare in corpuri de iluminat echipate cu surse de lumina LED / Designed for installation in lighting fittings equipped with LED light sources
- Adaptat pentru a functiona cu tuburi LED alimentate de la unitatile externe de curent continuu si direct de la rețeaua de 230V c.a. / Adapted to operate with LED tubes powered by external direct current power units and directly from the 230V AC grid
- Temperatura de lucru: t<sub>o</sub> 5°C + 50°C / Temperature working range: t<sub>o</sub> 5°C + 50°C

## DIAGrame CONEXIUNE / CONNECTION DIAGRAMS

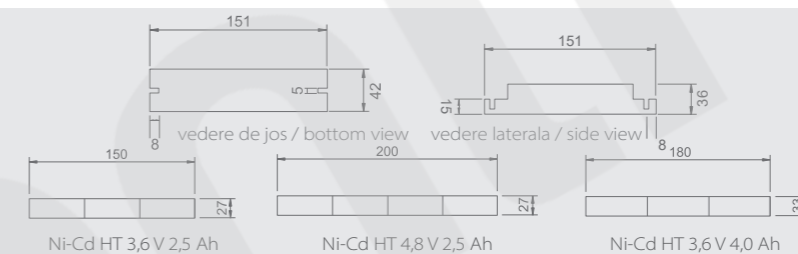


Functionare mentinuta (pentru driverul incorporat) pentru modelele: D9 si A9 / Maintained operation (for built-in driver) for models: D9 and A9

Functionare mentinuta (pentru driver extern) pentru modelele: D1, D2, D3, D4, D6, D8, D8.5 / Maintained operation (for external driver) for models: D1, D2, D3, D4, D6, D8, D8.5

Functionare fara intretinere (fara driver) pentru modelele: D1, D2, D3, D4, D6, D8, D8.5 / Non-Maintained operation (without driver) for models: D1, D2, D3, D4, D6, D8, D8.5

Diagrama de conexiune prezentata mai sus are un caracter ilustrativ. Daca aveti dubii, va rugam sa contactati un electrician calificat sau distribuitorul de la care ati achizitionat unitatea sau direct departamentul nostru tehnic. / The connection diagram presented above is of illustrative nature. If in doubt, please contact a qualified electrician or the distributor from whom you purchased the unit, or directly with our technical department.



Model / Model	Numar catalog / Catalogue number	Autonomie* / Autonomy*	Pachet acumulatori / Battery pack	Aplicatii** / Applications**
PRIMUS LED D9/A 2H MT	99946	2h	NiCd 3x3 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 230 V AC *** / LED sources or lamps with 230 V AC supply ***
PRIMUS LED D9/A 3H MT	98861	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 230 V AC *** / LED sources or lamps with 230 V AC supply ***
PRIMUS LED D9/B 2H MT	98882	2h	NiCd 4xC 4,8V 2500mAh	Lampi LED sau lampi cu alimentare la 230 V AC *** / LED sources or lamps with 230 V AC supply ***
PRIMUS LED D2/A 2H MT	98865	2h	NiCd 3xC 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 12-24 V DC / LED sources or lamps with 12-24 V DC supply ***
PRIMUS LED D2/A 3H MT	98866	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 12-24 V DC / LED sources or lamps with 12-24 V DC supply ***
PRIMUS LED D3/A 2H MT	92752	2h	NiCd 3xC 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 24-36 V DC / LED sources or lamps with 24-36 V DC supply ***
PRIMUS LED D3/A 3H MT	92753	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 24-36 V DC / LED sources or lamps with 24-36 V DC supply ***
PRIMUS LED D4/A 2H MT	99937	2h	NiCd 3xC 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 36-48 V DC / LED sources or lamps with 36-48 V DC supply ***
PRIMUS LED D4/A 3H MT	98868	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 36-48 V DC / LED sources or lamps with 36-48 V DC supply ***
PRIMUS LED D6/A MT 2h	98869	2h	NiCd 3xC 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 48-75 V DC / LED sources or lamps with 48-75 V DC supply ***
PRIMUS LED D6/A MT 3h	98870	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 48-75 V DC / LED sources or lamps with 48-75 V DC supply **
PRIMUS LED D8/A 2H MT	98856	2h	NiCd 3xC 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 75-100 V DC / LED sources or lamps with 75-100 V DC supply ***
PRIMUS LED D8/A 3H MT	98857	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 75-100 V DC / LED sources or lamps with 75-100 V DC supply ***
PRIMUS LED D8.5/F 2H MT	93299	2h	NiCd 3xC 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 100-150 V DC / LED sources or lamps with 100-150 V DC supply
PRIMUS LED D8.5/F 3H MT	93263	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 100-150 V DC / LED sources or lamps with 100-150 V DC supply
PRIMUS LED A9/A 2H MT	98858	2h	NiCd 3xC 3,6V 2500mAh	Lampi LED sau lampi cu alimentare la 230 V AC LED sources or lamps with 230 V AC supply
PRIMUS LED A9/A 3H MT	98859	3h	NiCd 3xD 3,6V 4000mAh	Lampi LED sau lampi cu alimentare la 230 V AC LED sources or lamps with 230 V AC supply

\* Timpii de autonomie de 1h si 3h sunt deasemeni disponibilii la cerere / 1h and 3h autonomy times are also available on request

\*\* Informatiile prezentate mai jos sunt generale, va rugam sa consultati departamentul comercial pentru a face o alegere / The information given below is general, please consult the commercial department to make a choice

\*\*\* In functie de posibilitatea de a conecta un kit de urgenta, fie la intrarea, fie la iesirea unui driver LED / Depending on possibility to connect an emergency module either on input or output of a LED driver



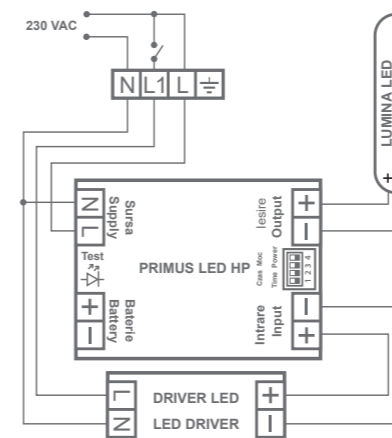
Primus LED HP

# Primus LED HP

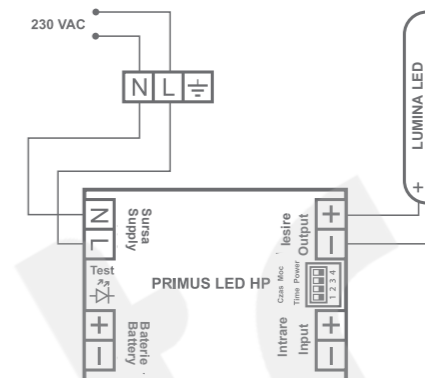


- Grad de protecție IP20 / IP20 protection rating
- Carcasa unitatii este fabricata din policarbonat PC de inalta calitate clasa V0 / The unit enclosure is made of high-quality V0 class PC polycarbonate
- Tensiunea de alimentare: 230V 50Hz / Power supply voltage: 230V 50Hz
- Reglare automata la tensiunea sursei de lumina LED / Automatic adjustment to an LED light source voltage
- Gama de tensiune a sursei de lumina LED: 20V DC - 80V DC / LED light source voltage range: 20V DC - 80V DC
- Putere mare de iesire in modul de urgenta: 3W, 6W, 9W si 12W / High output power in an emergency mode: 3W, 6W, 9W and 12W
- Functii: A (NM) - versiune nementinuta sau SA (M) - versiune mentinuta / Functions: A (NM) – non-maintained version or SA (M) – maintained version
- Functii de testare: AT - test automat ca standard / Testing functions: AT - auto test as standard
- Pachete de baterii LiFePO4 moderne si eficiente / Modern and efficient LiFePO4 battery packs
- Gama larga de autonomii disponibile: 2h, 3h si 8h / Wide range of available autonomies: 2h, 3h and 8h
- Instalare: surub fixat in interiorul unui corp de iluminat sau in exterior / Installation: screw fixed within a lighting fitting or externally
- Pentru iluminarea cailor de evacuare si a iesirilor in cladirile de utilitati publice / For illuminating evacuation routes and exits in public utility buildings
- Proiectat pentru instalarea in corpuri de iluminat echipate cu surse de lumina LED / Designed for installation in lighting fittings equipped with LED light sources
- Temperatura de lucru:  $t_s$  5°C ÷ 50°C / Temperature working range:  $t_s$  5°C ÷ 50°C

## DIAGRAME CONEXIUNE / CONNECTION DIAGRAMS



Varianta mentinuta / Maintained operation



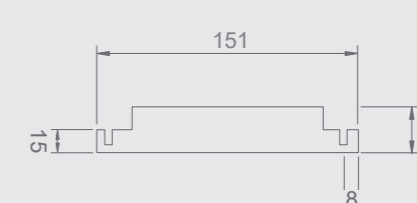
Varianta nementinuta / Non-Maintained operation

Diagrama de conexiune prezentata mai sus are un caracter ilustrativ. Daca aveti dubii, va rugam sa contactati un electrician calificat sau distribuitorul de la care ati achizitionat unitatea sau direct cu departamentul nostru tehnic. / The connection diagram presented above is of illustrative nature. If in doubt, please contact a qualified electrician or the distributor from whom you purchased the unit, or directly with our technical department.

vedere de jos / bottom view



vedere laterala / side view



Model kit de urgenta / Emergency kit model	Numar catalog* / Catalogue number*	Putere kit** / Kit power**	Tip de mentinere / Function	Autonomie** / Autonomy**	Test / Test	Gama de tensiune a sursei de lumina / LED light source voltage range	Pachet acumulatori inclus / Battery pack included
Primus LED HP 3W M/NM 2H AT	93315	3W	SA/A (M/NM)	2h	AT	20VDC - 80VDC	LiFePO4 12,8V / 1000mh
Primus LED HP 3W M/NM 3H AT	93314	3W	SA/A (M/NM)	3h	AT	20VDC - 80VDC	LiFePO4 12,8V / 1600mh
Primus LED HP 3W M/NM 8H AT	93313	3W	SA/A (M/NM)	8h	AT	20VDC - 80VDC	LiFePO4 12,8V / 3000mh
Primus LED HP 6W M/NM 2H AT	93311	6W	SA/A (M/NM)	2h	AT	20VDC - 80VDC	LiFePO4 12,8V / 1600mh
Primus LED HP 6W M/NM 3H AT	93310	6W	SA/A (M/NM)	3h	AT	20VDC - 80VDC	LiFePO4 12,8V / 3000mh
Primus LED HP 9W M/NM 2H AT	93307	9W	SA/A (M/NM)	2h	AT	20VDC - 80VDC	LiFePO4 12,8V / 3000mh
Primus LED HP 9W M/NM 3H AT	93306	9W	SA/A (M/NM)	3h	AT	20VDC - 80VDC	LiFePO4 12,8V / 3000mh
Primus LED HP 12W M/NM 2H AT	93303	12W	SA/A (M/NM)	2h	AT	20VDC - 80VDC	LiFePO4 12,8V / 3000mh
Primus LED HP 12W M/NM 3H AT	93302	12W	SA/A (M/NM)	3h	AT	20VDC - 80VDC	LiFePO4 12,8V / 4000mh

\* Numarul de catalog contine: un kit de urgenta si un acumulator / Catalogue number contains: an emergency module and a battery pack \*\* Modele 8h pentru puteri de 6W, 9W si 12W - disponibile la cerere / 8h models for 6W, 9W and 12W powers - available on special request

Datele de mai sus pot fi modificate / The above data is subject to change



CORPURI DE  
ILUMINAT  
INDUSTRIALE  
INDUSTRIAL  
LUMINAIRES



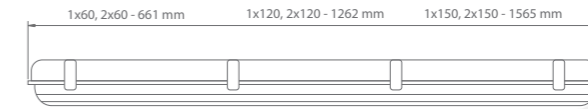
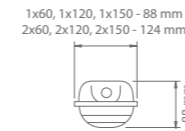


# Panel Wars LED



- Grad de protectie IP65 al carcasei /IP65 protection rating of a housing
- Baza si dispersorul carcasei din policarbonat de inalta calitate (PC) / Housing's base and diffuser made of high quality polycarbonate (PC)
- Clemele dispersorului din policarbonat (PC), optional din otel inoxidabil (INOX) / Diffuser's clips made of polycarbonate (PC), optionally of stainless steel (INOX)
- Tensiunea de alimentare: 230VAC (versiunile MT, AT si CT) sau 230VAC / 220VDC (versiunea CB) /Power supply voltage: 230VAC (MT, AT and CT versions) or 230VAC/220VDC (CB version)
- Sursa de lumina: stripuri LED moderne / Light source: modern LED panels
- Versiuni dimensiuni carcasa: 6 (3 lungimi: 60, 120 si 150 / 2 latimi: 1x si 2x) / Housing' sizes versions: 6 (3 lengths: 60, 120 and 150 / 2 widths: 1x and 2)
- Gama de putere disponibila a corpurilor de iluminat: de la 19W la 60W / Luminaires's available power's range: from 19W to 60W
- Modele disponibile: iluminat general, de urgenta si LT pentru temperatura scazuta (pana la -25 °C) / Available models: standard, emergency and LT low temperature (up to -25°C) emergency lighting
- Puteri de urgenta disponibile: de la 2W la 12W / Available emergency powers: from 2W to 12W
- Moduri de urgenta: A - nementinut sau SA - mentinut / Emergency modes: A - N on-Maintained or SA - Maintained

- Timpul de autonomie: 2h, 3h / Autonomy times: 2h, 3h
- Optiuni de testare: MT - test manual, AT - test auto, CT - test central (Wells) sau CB - versiunea centrala a bateriei / Testing options: MT - manual test, AT - a auto test, CT - central test (Wells) or CB - central battery version
- Baterii pentru versiuni de urgenta: NiCd sau LiFePO4 (in functie de versiune) / Batteries for emergency versions: NiCd or LiFePO4 (depending on version)
- Montaj aplicat pe tavan sau suspendat cu sufe reglabile / Ceiling installation or pendant type installation - adjustable
- Pentru iluminarea halelor industriale, a depozitelor, tunelurilor, subsolurilor, garajelor etc. (iluminat standard) si spatii deschise, cai de evacuare si iesiri (iluminat de urgenta) in cladiri de utilitati publice / For illuminating industrial halls, warehouses, tunnels, basements, garages, etc. (standard lighting) and open spaces, evacuation ways and exits (emergency lighting) in public utility buildings
- Culoare temperatura: 4000K / Colour temperature: 4000K
- Indicele de redare a culorilor: Ra ≥ 80 / Colour rendering index: Ra ≥ 80
- Domeniul de lucru al temperaturii: t<sub>3</sub>= -25°C÷ +40°C (iluminare standard), t<sub>3</sub>= +10°C÷ +30°C (iluminat de urgenta) sau ta= -25°C÷ +30°C (iluminat de urgenta la temperatura scazuta LT) / Temperature working range: t<sub>3</sub> = -25°C÷ +40°C (standard lighting), t<sub>3</sub> = +10°C÷ +30°C (emergency lighting) or t<sub>3</sub> = -25°C÷ +30°C (LT low temperature emergency lighting)



## MODELE STANDARD / STANDARD MODELS

Model / Model	Numar catalog / Catalogue number	Putere totala / Total power	Flux luminos / Luminous flux	Culoare temperatura / Colour temperature
WARS LED PANEL 1X60 4000K	93101	19W	2100 lm	4000 K
WARS LED PANEL 2X60 4000K	93102	24W	2700 lm	4000 K
WARS LED PANEL 1X120 4000K	93103	39W	3200 lm	4000 K
WARS LED PANEL 2X120 4000K	93104	49W	4500 lm	4000 K
WARS LED PANEL 1X150 4000K	93105	49W	4900 lm	4000 K
WARS LED PANEL 2X150 4000K	93106	60W	5800 lm	4000 K



## MODELE DE URGENTA CU TEST MANUAL / EMERGENCY MODELS WITH MANUAL TEST

Model / Model	Numar catalog / Catalogue number	Putere totala / Total power	Putere urgenta / Emergency power	Fluxul luminos de retea / Mains luminous flux	Fluxul luminos de urgenta / Emergency luminous flux	Mod / Mode	Autonomie / Autonomy	Pachet de acumulatori / Battery Pack	Test / Test
WARS LED PANEL 1X60 SA 2H MT 4000K	93119	22W	2W	2100 lm	285 lm	SA (M)	2h	NiCd 3,6V 2500mAh	MT
WARS LED PANEL 2X60 SA 2H MT 4000K	93120	27W	2W	2700 lm	275 lm	SA (M)	2h	NiCd 3,6V 2500mAh	MT
WARS LED PANEL 2X60 SA 3H MT 4000K	93126	27W	2W	2700 lm	275 lm	SA (M)	3h	NiCd 3,6V 4000mAh	MT
WARS LED PANEL 1X120 SA 2H MT 4000K	93121	42W	2W	3200 lm	255 lm	SA (M)	2h	NiCd 3,6V 2500mAh	MT
WARS LED PANEL 1X120 SA 3H MT 4000K	93127	42W	2W	3200 lm	255 lm	SA (M)	3h	NiCd 3,6V 4000mAh	MT
WARS LED PANEL 2X120 SA 2H MT 4000K	93122	52W	2W	4500 lm	255 lm	SA (M)	2h	NiCd 3,6V 2500mAh	MT
WARS LED PANEL 2X120 SA 3H MT 4000K	93128	52W	2W	4500 lm	255 lm	SA (M)	3h	NiCd 3,6V 4000mAh	MT
WARS LED PANEL 1X150 SA 2H MT 4000K	93123	52W	2W	4900 lm	245 lm	SA (M)	2h	NiCd 3,6V 2500mAh	MT
WARS LED PANEL 1X150 SA 3H MT 4000K	93129	52W	2W	4900 lm	245 lm	SA (M)	3h	NiCd 3,6V 4000mAh	MT
WARS LED PANEL 2X150 SA 2H MT 4000K	93124	63W	2W	5800 lm	230 lm	SA (M)	2h	NiCd 3,6V 2500mAh	MT
WARS LED PANEL 2X150 SA 3H MT 4000K	93130	63W	2W	5800 lm	230 lm	SA (M)	3h	NiCd 3,6V 4000mAh	MT

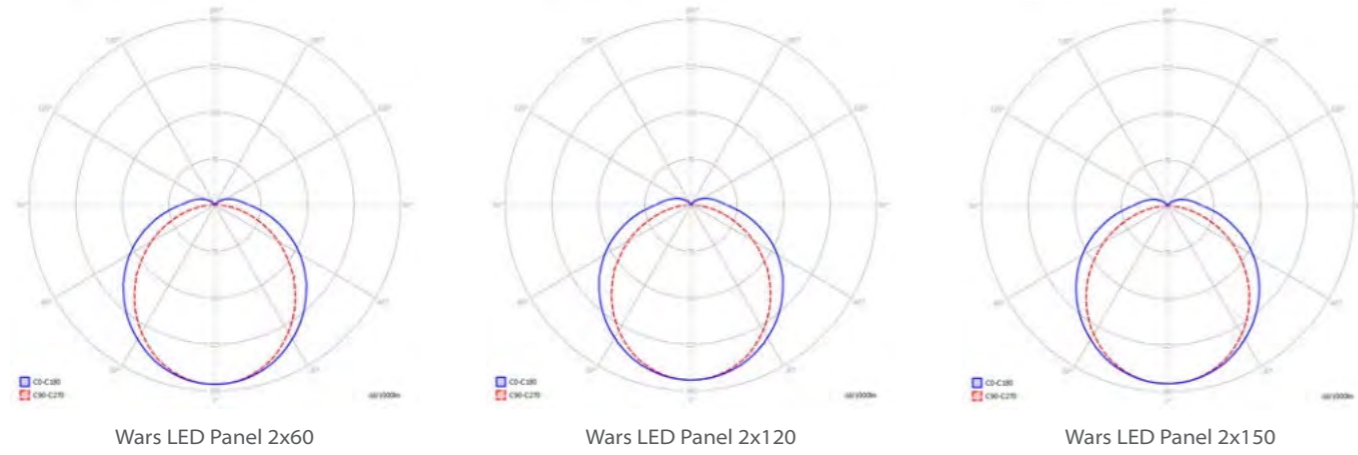


## MODELE DE URGENTA CU TEST AUTOMAT / EMERGENCY MODELS WITH AUTO TEST

Model / Model	Numar catalog / Catalogue number	Putere totala / Total power	Putere de urgenta / Emergency power	Flux luminos principal / Mains luminous flux	Fluxul luminos de urgenta / Emergency luminous flux	Mod / Mode	Autonomia / Autonomy	Pachet acumulatori / Battery Pack	Test / Test
WARS LED PANEL 1X60 SA-3W 2H AT 4000K	93137	22W	3W	2100 lm	490 lm	SA (M)	2h	LiFePO4 12,8V 1000mAh	MT
WARS LED PANEL 1X60 SA-3W 3H AT 4000K	93143	22W	3W	2100 lm	490 lm	SA (M)	3h	LiFePO4 12,8V 1600mAh	MT
WARS LED PANEL 2X60 SA-6W 2H AT 4000K	93138	27W	6W	2700 lm	900 lm	SA (M)	2h	LiFePO4 12,8V 1600mAh	MT
WARS LED PANEL 1X120 SA-6W 2H AT 4000K	93139	42W	6W	3200 lm	790 lm	SA (M)	2h	LiFePO4 12,8V 1600mAh	MT
WARS LED PANEL 1X120 SA-6W 3H AT 4000K	93145	42W	6W	3200 lm	790 lm	SA (M)	3h	LiFePO4 12,8V 3000mAh	MT
WARS LED PANEL 2X120 SA-9W 2H AT 4000K	93140	52W	9W	4500 lm	1195 lm	SA (M)	2h	LiFePO4 12,8V 3000mAh	MT
WARS LED PANEL 2X120 SA-9W 3H AT 4000K	93146	52W	9W	4500 lm	1195 lm	SA (M)	3h	LiFePO4 12,8V 3000mAh	MT
WARS LED PANEL 1X150 SA-9W 2H AT 4000K	93141	52W	9W	4900 lm	1290 lm	SA (M)	2h	LiFePO4 12,8V 3000mAh	MT
WARS LED PANEL 1X150 SA-9W 3H AT 4000K	93147	52W	9W	4900 lm	1290 lm	SA (M)	3h	LiFePO4 12,8V 3000mAh	MT
WARS LED PANEL 2X150 SA-12W 2H AT 4000K	93142	63W	12W	5800 lm	1575 lm	SA (M)	2h	LiFePO4 12,8V 3000mAh	MT
WARS LED PANEL 2X150 SA-12W 3H AT 4000K	93148	63W	12W	5800 lm	1575 lm	SA (M)	3h	LiFePO4 12,8V 4000mAh	MT

Mod nementinut / non-maintained mode  
Mod mentinut / maintained mode

MT - test manual / manual test  
AT - test automat / autotest



Wars LED Panel 2x60

Wars LED Panel 2x120

Wars LED Panel 2x150



TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLES FOR FLAT EVACUATION ROUTES AND OPEN SPACES

WARS LED PANEL 2x60 MT

Inaltime instalatie (m) / Installation height (m)

2,5	3,7	9,5	8,7	3,4
3	3,8	10,1	9,2	3,5
4	3,8	10,8	10,0	3,6

WARS LED PANEL 2x120 MT

Inaltime instalatie (m) / Installation height (m)

2,5	3,5	9,4	8,5	3,3
3	3,7	9,9	9,1	3,4
4	3,7	10,5	9,8	3,4

WARS LED PANEL 2x150 MT

Inaltime instalatie (m) / Installation height (m)

2,5	3,4	9,0	8,4	3,3
3	3,4	9,4	8,8	3,3
4	3,4	10,0	9,5	3,3

WARS LED PANEL 2x60 SA-6W AT

Inaltime instalatie (m) / Installation height (m)

2,5	5,6	12,1	10,7	4,9
3	5,8	14,5	12,8	5,2
4	6,4	16,6	14,9	5,9

WARS LED PANEL 2x120 SA-9W AT

Inaltime instalatie (m) / Installation height (m)

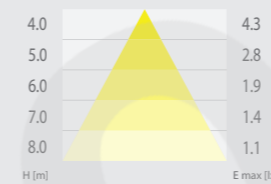
2,5	6,1	12,4	10,9	5,3
3	6,4	14,8	13,0	5,8
4	7,2	18,4	16,3	6,4

WARS LED PANEL 2x150 SA-12W AT

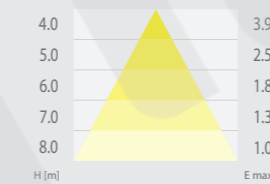
Inaltime instalatie (m) / Installation height (m)

2,5	6,1	12,3	10,9	5,6
3	7,0	15,3	13,3	6,1
4	7,8	19,4	17,1	6,9

DIAGrame CON / CONE DIAGRAMS



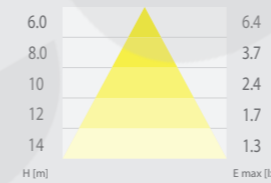
Wars LED Panel 2x60 MT\*



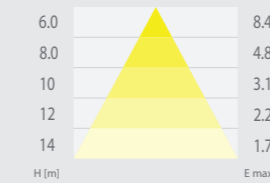
Wars LED Panel 2x120 MT\*



Wars LED Panel 2x150 MT\*



Wars LED Panel 2x60 SA-6W AT\*



Wars LED Panel 2x120 SA-9W AT\*



Wars LED Panel 2x150 SA-12W AT\*

\* Diagramele pentru versiunile de urgenta / Diagrams for emergency versions

MODELE DE URGENTA ADAPTATE PENTRU TEMPERATURII MICI /  
EMERGENCY MODELS ADEPTED FOR LOW TEMPERATURES

Model / Model	Numar catalog / Catalogue number	Putere totala / Total power	Putere de urgenta / Emergency Power	Flux luminos principal / Mains luminous flux	Flux luminos de urgenta / Mod / Emergency Mode luminous flux	Autonomie / Autonomy	Pachet acumulatori / Battery Pack	Test / Test
WARS LED PANEL 2X60 SA 3H MT 4000K LT	93185	41W	2W	2700 lm	275 lm	SA (M)	3h NiCd 3,6V 4000mAh	MT
WARS LED PANEL 2X120 SA 3H MT 4000K LT	93182	66W	2W	4500 lm	255 lm	SA (M)	3h NiCd 3,6V 4000mAh	MT
WARS LED PANEL 2X150 SA 3H MT 4000K LT	93186	77W	2W	5800 lm	230 lm	SA (M)	3h NiCd 3,6V 4000mAh	MT

SA (M) - mod mentinut / maintained mode MT  
LT - Model adaptat pentru temperaturi scazute (pana la ta -25 ° C) / Model adapted for low temperatures (up to ta -25°C)

MODELE PENTRU BATERIA CENTRALA / MODELS FOR CENTRAL BATTERY

Model / Model	Numar catalog / Catalogue number	Putere totala / Total power	Flux luminos / Luminous flux	Culoare temperatura / Colour temperature
WARS LED PANEL 1X60 CB 4000K	93107	19W	2100 lm	4000 K
WARS LED PANEL 2X60 CB 4000K	93108	24W	2700 lm	4000 K
WARS LED PANEL 1X120 CB 4000K	93109	39W	3200 lm	4000 K
WARS LED PANEL 2X120 CB 4000K	93110	49W	4500 lm	4000 K
WARS LED PANEL 1X150 CB 4000K	93111	49W	4900 lm	4000 K
WARS LED PANEL 2X150 CB 4000K	93112	60W	5800 lm	4000 K

ACCESORII / ACCESSORIES

Versiunea produsului / Product version	Numar catalog / Catalogue number
Set de montaj suspendat / Suspended mounting kit	93075
Set de cleme INOX pentru WARS Led 6 buc. * / Set of INOX clips for Wars Led Panel 6 pcs. *	93231
Set de cleme INOX pentru panou WARS Led 10 buc. ** / Set of INOX clips for Wars Led Panel 10 pcs. **	93232

\* utilizare: 1 set pentru corpuri de iluminat 1X60 sau 2x60; 2 seturi pentru corpuri de iluminat 1X150 sau 2X150

use: 1 set for 1x60 or 2x60 luminaires; 2 sets for 1x150 or 2x150 luminaires

\*\* utilizare: 1 set pentru corpuri de iluminat / use: 1 set for 1x120 or 2x120 luminaires





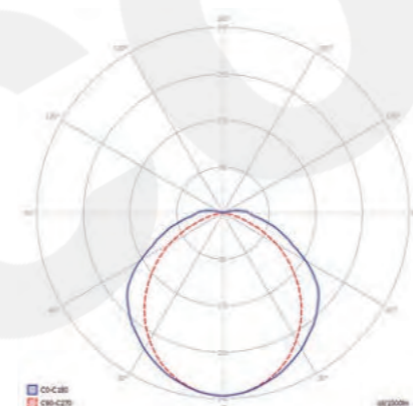
Wars LED

# Wars LED

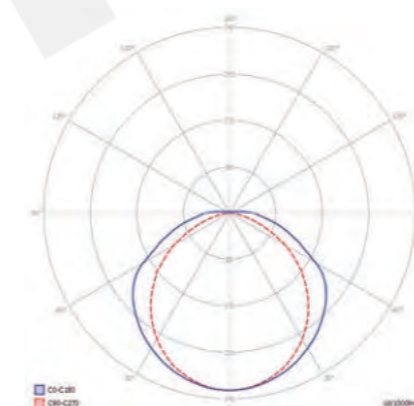


- Grad de protecție IP65 / IP65 protection rating
- Corp și dispersor fabricat din (PC) / Body and lampshade made of PC
- Tensiunea de alimentare: 230 V 50 Hz sau 220 DC / Power supply voltage: 230 V 50 Hz or 220 V DC
- Cablaj adaptat pentru tuburi LED / Wiring adapted for LED tubes
- Instalare pe tavan sau suspendat - reglabil / Ceiling installation or pendant type installation –adjustable

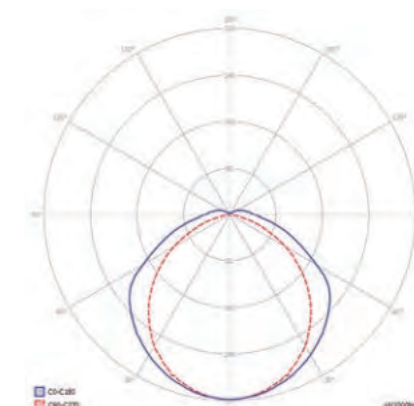
- Pentru iluminarea halelor industriale, depozitelor, tunelurilor, subsolurilor, garajelor etc. / For illuminating industrial halls, warehouses, tunnels, basements, garages etc.
- Temperatura de lucru:  $t_a$  10°C ÷ 50°C / Temperature working range:  $t_a$  10°C ÷ 50°C



Wars 2x60 LED



Wars 2x120 LED



Wars 2x150 LED

## MODELE STANDARD\* / STANDARD MODELS\*

Model / Model	Numar catalog / Catalogue number	Dimensiuni (mm) / Dimensions (mm)	Greutate (kg) / Weight (kg)
WARS 1x60 LED	99669	660x92x88	0,80
WARS 2x60 LED	99668	660x92x134	1,10
WARS 1x120 LED	99667	1270x92x88	1,45
WARS 2x120 LED	99666	1270x92x134	1,95
WARS 1x150 LED	99665	1570x92x88	1,80
WARS 2x150 LED	99664	1570x92x134	2,35

\* Tuburi LED disponibile separat / LED tubes separately available



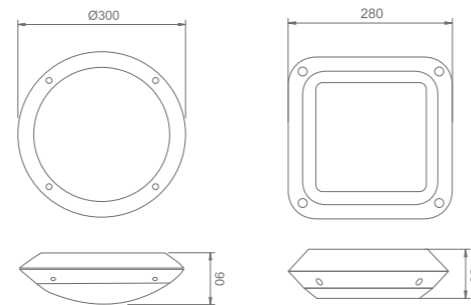


# PLAFONIERE PLAFONDS



Cosmic Quad LED

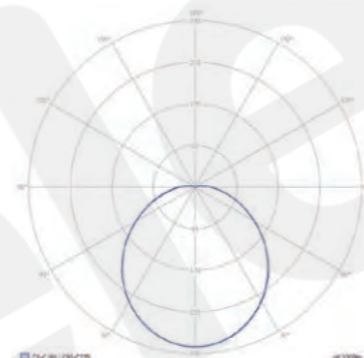
Cosmic LED



Cosmic LED

Cosmic Quad LED

# Cosmic LED



Cosmic LED 12W

- › Ultima serie de plafoniere echipate cu surse de lumina LED / Latest series of plafonds equipped with LED light sources
- › Tehnologia utilizata permite economii de energie foarte mari in comparatie cu sursele LED conventionale, mentinand in acelasi timp o calitate ridicata a luminii / The technology employed allows very high energy savings as compared to the conventional LED sources while maintaining high quality of light
- › Leduri cu eficienta luminoasa mare / Very high LED luminous efficacy
- › Grad de protectie IP66 / IP66 protection rating
- › Instalare aplicata, pe tavan sau pe perete / Surface-mount installation, on ceiling or wall

- › Dispersor si baza din policarbonat / Lampshade and base made of polycarbonate
- › Tensiunea de alimentare: 230V 50Hz / Power supply voltage: 230V 50Hz
- › Sursa de lumina: LED 9W, 12W / Light source: LED 9W, 12W
- › Durata de viata: 50,000h / Rated lifetime: 50,000h
- › Locuri tipice: coridoare, scari, locuri cu umiditate mai mare sau in aer liber / Typical places: corridors, staircases, places with higher humidity or outdoors
- › CRI Index: Ra ≥ 80 / CRI index: Ra ≥ 80
- › Temperatura de lucru: t<sub>s</sub> 10°C ÷ 50°C / Temperature working range: t<sub>s</sub> 10°C ÷ 50°C

## MODELE DE URGENTA CU CERTIFICAT CNBOP / EMERGENCY MODELS WITH CNBOP CERTIFICATE

Model / Model	Numar Catalog / Catalogue number	Flux luminos / Luminous flux	Sursa de lumina / Light source	Funcctie / Function	Autonomie / Autonomy	Culoare temperatura* / Colour temperature*	Greutate (kg) / Weight (kg)
Cosmic LED 9W 2H SA	98520	890 lm	LED 9W	SA (M)	2 h	4000 K	1,3
Cosmic LED 9W 2H SA MD **	96715	890 lm	LED 9W	SA (M)	2 h	4000 K	1,4
Cosmic Quad LED 9W 2H SA	99860	730 lm	LED 9W	SA (M)	2 h	4000 K	1,3
Cosmic Quad LED 9W 2H SA MD **	97760	730 lm	LED 9W	SA (M)	2 h	4000K	1,4
Cosmic LED 12W 2H SA	97761	1340 lm	LED 12W	SA (M)	2 h	4000K	1,1
Cosmic LED 12W 2H SA MD **	98023	1340 lm	LED 12W	SA (M)	2 h	4000K	1,4
Cosmic Quad LED 12W SA 2H	97731	1150 lm	LED 12W	SA (M)	2 h	4000K	1,1
Cosmic Quad LED 12W SA 2H MD **	97729	1150 lm	LED 12W	SA (M)	2 h	4000K	1,4

## MODELE STANDARD / STANDARD MODELS

Model / Model	Numar catalog / Catalogue number	Flux luminos / Luminous flux	Sursa de lumina / Light source	Temperatura culoare / Colour temperature*	Greutate (kg) / Weight (kg)
Cosmic LED 9W	98323	890 lm	LED 9W	4000 K	0,9
Cosmic LED 12W	97848	1340 lm	LED 12W	4000 K	0,9
Cosmic Quad LED 9W	99859	730 lm	LED 9W	4000 K	0,9
Cosmic Quad LED 12W	97735	1150 lm	LED 12W	4000 K	0,9

## MODELE STANDARD CU SENZORI DE MISCARE / STANDARD MODELS WITH MOVEMENT DETECTOR

Model** / Model**	Numar catalog / Catalogue number	Flux luminos / Luminous flux	Sursa de lumina / Light source	Culoare temperatura* / Colour temperature*	Greutate (kg) / Weight (kg)
Cosmic LED 9W MD	96716	890 lm	LED 9W	4000 K	1,1
Cosmic LED 12W MD	97847	1340 lm	LED 12W	4000 K	1,1
Cosmic Quad LED 9W MD	97759	730 lm	LED 12W	4000K	1,0
Cosmic Quad LED 12W MD	97733	1150 lm	LED 12W	4000 K	1,1

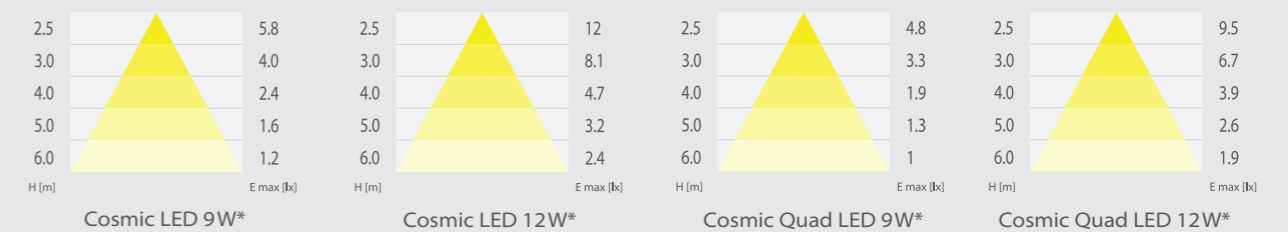
\* Alte temperaturi de culoare (3000K sau 5000K) la cerere / Other colour temperatures (3000K or 5000K) on request  
 \*\* Model cu sensor de miscare / Model with movement sensor

## TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES COSMIC 9W COSMIC 12W

Inaltime instalatie (m) / Installation height (m)	Icon 1	Icon 2	Icon 3	Icon 4	Inaltime instalatie (m) / Installation height (m)	Icon 1	Icon 2	Icon 3	Icon 4
2,5	2,6	7,1	7,1	2,6	2,5	3,5	9,1	9,1	3,5
3	2,7	7,5	7,5	2,7	3	3,7	9,6	9,6	3,7
4	2,5	7,8	7,8	2,5	4	3,8	10,5	10,5	3,8

## COSMIC QUAD

Inaltime instalatie (m) / Installation height (m)	Icon 1	Icon 2	Icon 3	Icon 4
2,5	2,0	5,8	5,8	2,0
3	1,8	5,9	5,9	1,8
4	1,0	5,6	5,6	1,0



Diagramele pentru versiunile de urgenta / Charts for emergency versions

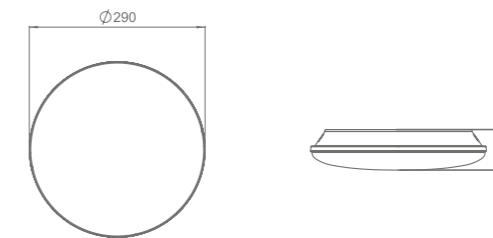


Milo LED

# Milo LED



- › Ultima serie de plafoniere echipate cu surse de lumina LED / Latest series of plafonds equipped with LED light sources
- › Tehnologia utilizata permite economii de energie foarte mari in comparatie cu sursele LED conventionale, mentinand in acelasi timp o calitate ridicata a luminii / The technology employed allows very high energy savings as compared to the conventional LED sources while maintaining high quality of light
- › Leduri cu eficienta luminoasa mare / Very high luminous efficacy Grad de protectie IP66 / IP65 protection rating
- › Instalare pe suprafata, pe tavan sau pe perete / Surface-mount installation, on ceiling or wall
- › Dispersor si baza din policarbonat (PC) / Lampshade and base made of polycarbonate (PC)
- › Tensiunea de alimentare: 230V 50Hz / Power supply voltage: 230V 50Hz
- › Sursa de lumina: LED 10W / Light source: LED 10W
- › Durata de viata: 50,000h / Rated lifetime: 50,000h
- › Sunt disponibile versiuni de iluminat general și iluminat de urgență / General lighting and emergency lighting versions available
- › Flux luminos de urgență ridicat / High emergency luminous flux
- › Sunt disponibile versiuni LT pentru temperaturi scăzute / LT versions for low temperatures available
- › Toate corpurile de iluminat pot fi realizate fără detector de mișcare, cu detector on-off sau cu detector reglabil / All luminaires can be made without movement detector, with on-off detector or with dimmable detector
- › CRI Index: Ra ≥ 80 / CRI index: Ra ≥ 80
- › Temperatura de lucru: t<sub>a</sub> 10°C ÷ 40°C lub -25°C ÷ +40°C / Temperature working range: t<sub>a</sub> 10°C ÷ 40°C or -25°C ÷ +40°C



## MODELE AWARYJNE / EMERGENCY MODELS

Model / Model	Numar catalog / Catalogue number	Flux luminos / Luminous flux	Putere / Power	Funcție / Function	Autonomie / Autonomy	Culoare temperatura / Colour temperature*	Detector de miscare (MD) / Movement detector (MD)**	Temperatura de lucru / Working temperature	Acumulator / Battery Pack
MILO LED SA 3H MT 4000K	92783	450 lm	16W	SA (M)	3h	4000 K	-	10°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 4000K MD	92782	450 lm	17W	SA (M)	3h	4000 K	ON-OFF	10°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 4000K MDD	92781	450 lm	16W	SA (M)	3h	4000 K	DIM	10°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 4000K LT	92762	450 lm	24W	SA (M)	3h	4000 K	-	-25°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 4000K MD LT	92761	450 lm	25W	SA (M)	3h	4000 K	ON-OFF	-25°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 2H MT 4000K MDD LT	92760	450 lm	24W	SA (M)	2h	4000 K	DIM	-25°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 3000K	92792	450 lm	16W	SA (M)	3h	3000 K	-	10°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 3000K MD	92791	450 lm	17W	SA (M)	3h	3000 K	ON-OFF	10°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 3000K MDD	92790	450 lm	16W	SA (M)	3h	3000 K	DIM	10°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 3000K LT	92768	450 lm	24W	SA (M)	3h	3000 K	-	-25°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 3H MT 3000K MD LT	92767	450 lm	25W	SA (M)	3h	3000 K	ON-OFF	-25°C ÷ 40°C	LiFePO4 6,4V 3000mAh
MILO LED SA 2H MT 3000K MDD LT	92766	450 lm	24W	SA (M)	2h	3000 K	DIM	-25°C ÷ 40°C	LiFePO4 6,4V 3000mAh

## MODELE STANDARDOWE / STANDARD MODELS

Model* / Model*	Numar catalog / Catalogue number	Flux luminos / Luminous flux	Sursa de lumina / Light source	Culoare temperatura* / Colour temperature*	Detector de miscare (MD) / Movement detector (MD)	Temperatura de lucru / Working temperature
MILO LED 4000K	92789	1200 lm	13W	4000 K	-	-25°C ÷ 40°C
MILO LED 4000K MD	92788	1200 lm	15W	4000 K	ON-OFF	-25°C ÷ 40°C
MILO LED 4000K MDD	92787	1200 lm	14W	4000 K	DIM	-25°C ÷ 40°C
MILO LED 3000K	92798	1200 lm	13W	3000 K	-	-25°C ÷ 40°C
MILO LED 3000K MD	92797	1200 lm	15W	3000 K	ON-OFF	-25°C ÷ 40°C
MILO LED 3000K MDD	92796	1200 lm	14W	3000 K	DIM	-25°C ÷ 40°C

\* Alte temperaturi de culoare (3000K sau 5000K) la cerere / 5000K or 6500K colour temperatures on request

\*\* Detector de mișcare de tip on-off / On-off type movement detector

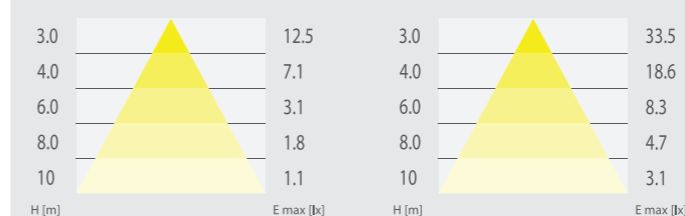
Detector de mișcare de tip reglabil / Dimmable type movement detector

## TABEL PENTRU DISTANTE DE MONTAJ / SPACING TABLE FOR FLAT EVACUATION ROUTES

### MILO LED SA 3H MT 4000K

Inaltime instalatie (m) / Installation height (m)					
2,5	4,1	10,6	10,6	4,1	
3	4,4	12,0	12,0	4,6	
4	4,7	12,5	12,5	4,7	

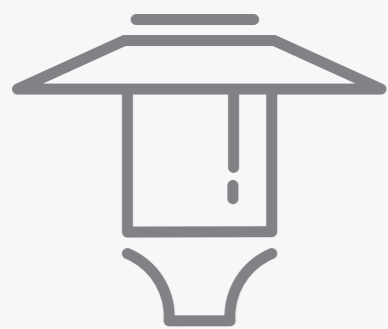
## DIAGrame CON / CONE DIAGRAMS



Milo LED SA 3H MT 4000K

Milr LED 4000K





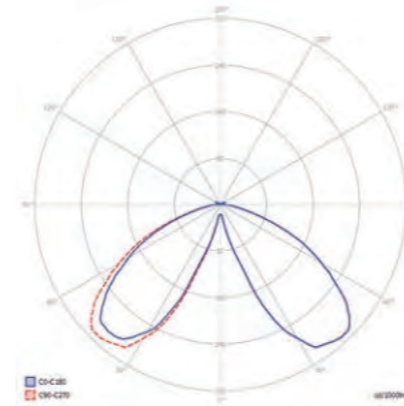
CORPURI DE  
ILUMINAT DE  
EXTERIOR LED  
OUTDOOR  
LUMINAIRES



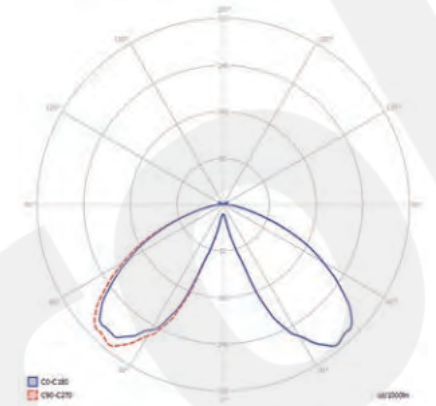
LED



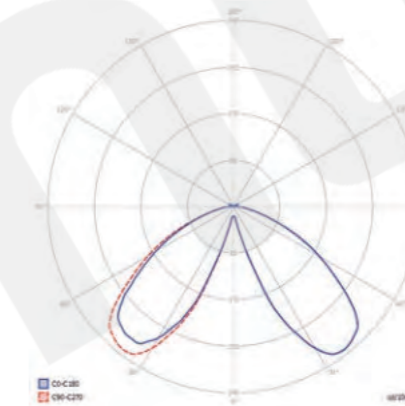
Promenad LED



Promenad Led 30



Promenad Led 40

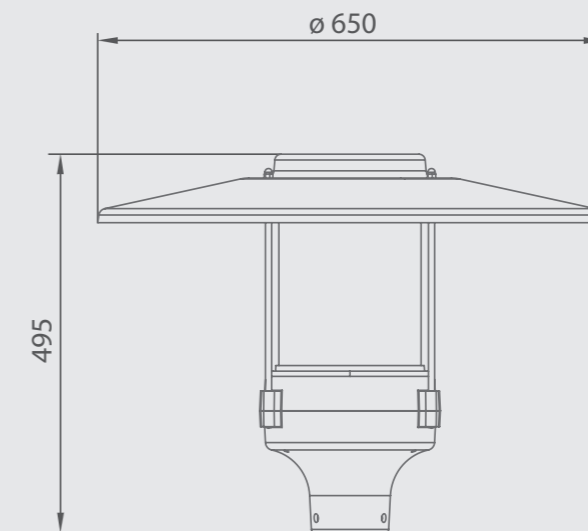


Promenad Led 60

# Promenad LED



- Tip lampă: pentru aplicații externe, pentru iluminarea zonelor urbane / Lamp type: for external applications, for lighting up urban areas
- Grad de Protecție IP66 / IP66 protection rating
- Nivel protecție LED: IP67 / LED driver protection level: IP67
- Construcție: carcasă din policarbonat de înaltă calitate clasa V0, capac transparent în clasa PC V0, reflector din aluminiu vopsit cu pulbere / Construction: housing made of high quality polycarbonate V0 class, cover transparent ribbed made of PC V0 class, reflector made of aluminium powder painted
- Opțiuni de acoperire: clar, opac (opțional) / Cover options: clear, opal (option)
- Culoarea lampii: gri RAL 7037 sau negru RAL 9005 / Lamp colour: gray RAL 7037 or black RAL 9005
- Sursa LED: LED-uri Cree de mare putere cu flux luminos ridicat, radiator din aluminiu turnat, număr de LED-uri: 8 - 48 buc., în funcție de putere / LED source: high power Cree LED's with high luminous flux, heat sink made of aluminium cast, number of LED's - from 8 to 48 pcs., depending on power
- Temperatura de baza a culorii: 4000K, 3200K (opțional) / Basic colour temperature: 4000K, 3200K (option)
- Putere disponibilă: de la 20W la 60W / Available power: from 20W to 60W
- Instalare: pe stalpi standard cu diametrul exterior 60mm, 48mm sau 42mm / Installation: on standard poles with external diameter 60mm, 48mm or 42mm
- Aplicații: străzi mici, zone rezidențiale, recreere / Applications: small streets, residential areas, recreation
- Model asimetric conceput pentru instalarea de-a lungul fațadei / Asymmetric model designed for installation along the facade
- Iluminare decorativă în albastru, roșu sau verde ca opțiune / Decorative lighting in blue, red or green as an option



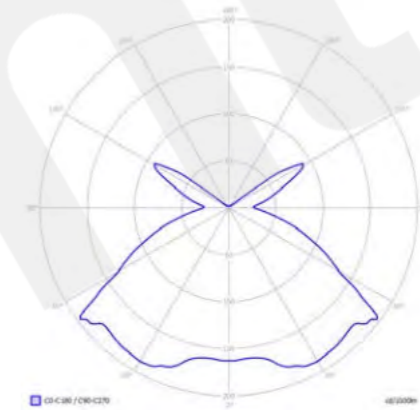
Model / Model	Numar catalog / Catalogue number		Putere / Power	Culoare temperatura / Colour temperature	Lampa flux luminos / Lamp luminous flux
	Negru / Black	Gri / Gray			
Promenad LED 20	97633	97631	21 W	4000 K	1410 lm
Promenad LED 30	97625	97623	29 W	4000 K	2290 lm
Promenad LED 40	97617	97615	43 W	4000 K	3160 lm
Promenad LED 60	97570	97568	57 W	4000 K	4270 lm



LED



Promenad LED Indirect



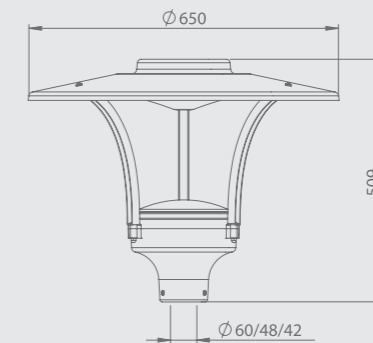
Promenad Led Indirect 45

# Promenad LED Indirect



- Grad de protecție IP66 / IP66 protection rating
- Gradul de protecție al driverului: IP67 / LED driver protection level: IP67
- Tip lampa: pentru aplicații externe, pentru iluminarea zonelor urbane / Lamp type: for external applications, for lighting up urban areas
- Mod de distribuție a luminii: indirect / Way of light distribution: indirect
- Construcție: carcasa din policarbonat de înaltă calitate clasa V0, capac transparent cu lentila integrată din clasa PC V0, reflector din aluminiu vopsit cu pulbere / Construction: housing made of high quality polycarbonate V0 class, cover transparent with integrated lens made of PC V0 class, reflector made of aluminium powder painted
- Culoarea lampii: gri RAL 7037 sau negru RAL 9005 / Lamp colour: gray RAL 7037 or black RAL 9005

- Sursa LED: COB Cree de mare putere cu flux luminos ridicat, radiator din aluminiu turnat / LED source: high power COB Cree with high luminous flux, heat sink made of aluminium cast
- Putere disponibilă: 29W și 42W / Available power: 29W and 42W
- Culoare temperatura de baza 4000K, 3000K (opțional) / Basic colour temperature: 4000K, 3000K (option)
- Instalare: pe stalpi standard cu diametrul exterior 60 mm, 48 mm sau 42 mm / Installation: on standard poles with external diameter 60 mm, 48 mm or 42 mm
- Aplicații: străzi mici, zone rezidențiale, zone de recreere / Applications: small streets, residential areas, recreation areas



Model / Model	Numar catalog / Catalogue number	Putere totala / Total power	Sursa de lumina / Light source	Temperatura culoare* / Colour temperature*	Flux luminos / Lamp luminous flux
Promenad LED Indirect 30 Negru / Black	96882	29 W	LED 24 W	4000 K	2125 lm
Promenad LED Indirect 45 Negru / Black	96837	42 W	LED 36 W	4000 K	3360 lm
Promenad LED Indirect 30 Gri / Gray	96883	29 W	LED 24 W	4000 K	2125 lm
Promenad LED Indirect 45 Gri / Gray	96836	42 W	LED 36 W	4000 K	3360 lm

\*Alte temperaturi de culoare la cerere / Other colour temperatures on request

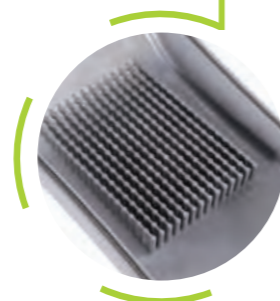


MADE IN  
POLAND

LED



Astreet LED



# Astreet LED



► Nivel de protecție IP66, datorită garniturilor PUR / IP66 protection level, thanks to PUR formed-in-place gaskets

► Carcasa din fontă de aluminiu cu radiator integrat în partea superioară / Housing made of aluminium cast with an integrated heat sink in upper part  
Dispersor din sticlă OptiWhite (TM) securizată / Diffuser made of a tempered OptiWhite (TM) glass

Membrana de expansiune pentru a preveni acumularea de umiditate în interiorul carcasei / Expansion membrane to prevent accumulation of moisture inside the housing

► LED-uri Cree de înaltă calitate montate pe PCB direct pe un radiator integrat / High quality Cree LEDs mounted on PCB directly on an integrated heat sink

► Sursele de lumină înlocuibile, schimbul rapid și ușor nu necesită scule sau întreruperea rețelei de alimentare / Replaceable light sources, quick and easy exchange requires neither tools nor mains supply cut off

► Fiecare modul LED este alimentat de un canal separat de alimentare / Each light source is supplied by a separate power supply channel

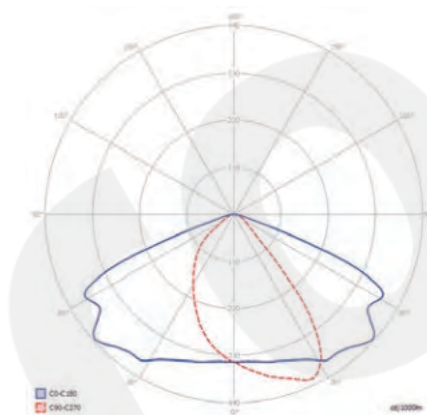
► Fluxul luminos al unei singure surse de lumină - 1025lm / Luminous flux of single light source - 1025lm

► Driver LED etansat cu rasina termoconductiva pentru disiparea caldurii și etanșeitatea la umiditate / LED driver sealed with thermo-conductive resin for heat dissipation and moisture tightness

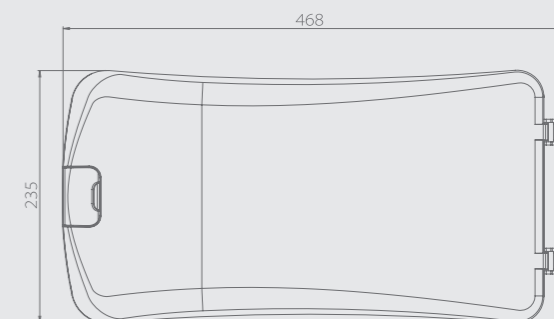
► O prindere de montare inclusă, pentru stalpi cu diametrul de 60 mm, reglabilă în intervalul +/- 90° / A mounting grip included, for poles with diameter 60 mm, adjustable within a range +/- 90°

► Culori standard ale carcasei - alb inferior RAL 9016, gri superior RAL 7045, alte culori la cerere / Standard housing colours - bottom white RAL 9016, top gray RAL 7045, other colours on request

► Nu au fost incluse cheile Allen pentru instalare / Included Allen wrench keys for installation



Astreet LED



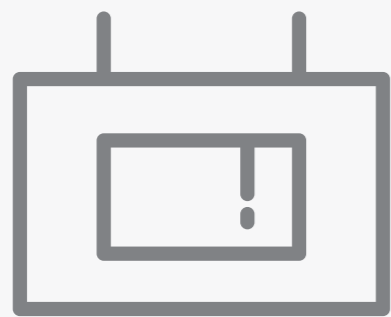
Model / Model	Numar catalog / Catalogue number	Putere / Power	Flux luminos* / Luminous flux*	Sursa de lumina / Light source	Dimensiuni de baza / Basic dimensions
Astreet LED 50	97837	45 W	5125 lm / 4700 lm	LED 35 W (5 x 7 W)	468 x 235 x 101 mm

\*Date sursa LED fara și cu dispersor / LED source data without and with diffuser

## Surse de lumina Astreet LED /Astreet LED light sources

Numar catalog / Catalogue number	Putere / Power	Culoare temperatura* / Colour temperature*
97827	7 W	4200 K
97089	7 W	6300 K

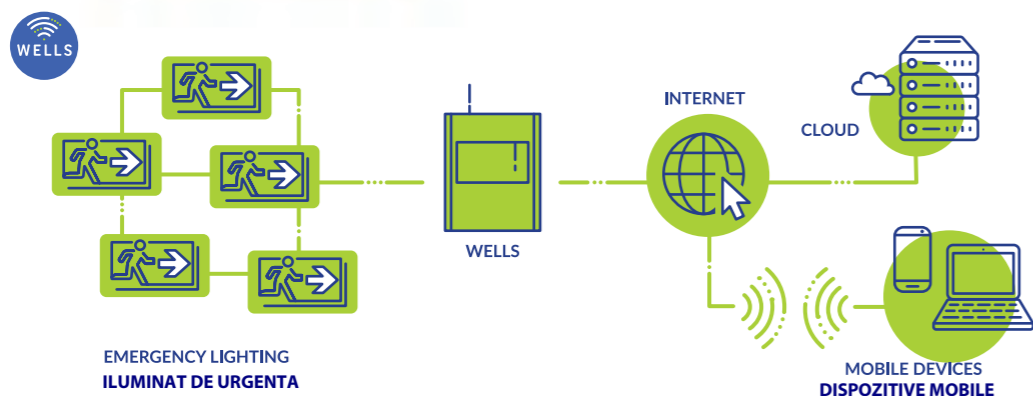
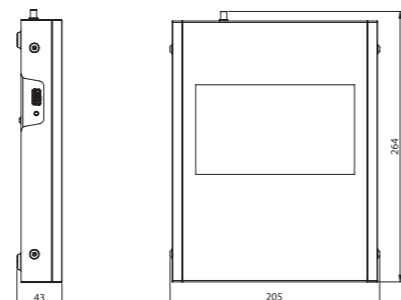
\* Alte temperaturi de culoare la cerere / Other colour temperatures on request



SISTEM DE  
ILUMINAT DE  
URGENTA  
EMERGENCY  
LIGHTING  
SYSTEM



NEW



# WELLS WIRELESS EMERGENCY LED LIGHTING SYSTEM

WELLS - este cea mai noua solutie de la INTELIGHT, conceputa pentru monitorizarea fara fir a sistemelor de iluminat de urgenta din cladirile publice.

Sistemul WELLS utilizeaza cele mai noi solutii tehnice fara fir disponibile pe piata pentru a oferi utilizatorilor cea mai usoara instalare, fara probleme, operare usoara / intuitiva si identificarea si localizarea rapida a posibilelor erori de sistem, maximizand astfel siguranta unei cladiri.

Sistemul de comunicatii fara fir va fi potrivit atat in cladirile noi, unde usurinta instalarii va reduce costul total al sistemului in comparatie cu sistemele traditionale de monitorizare prin cablu, care necesita o infrastructura de comunicatii dedicata, cat si in cladirile existente, unde nu este nevoie sa instalati o magistrala de comunicare separata.

Intr-o versiune de baza, cea mai mica, sistemul poate opera pana la 235 de corpuri de iluminat de urgenta, care este potrivita pentru instalatii de dimensiuni mici si mijlocii. Intr-o versiune extinsa, este posibil multiplicarea capacitatii sistemului de 5 ori.

Sistemul este lansat in paralel cu noi serii complete de corpuri de iluminat de urgenta, care vor satisface intreaga gama de nevoi in iluminarea cailor de evacuare si indicarea directiilor acestora.

WELLS - is the newest solution from INTELIGHT, designed for wireless monitoring of emergency lighting systems in public buildings.

The WELLS system uses the latest wireless technical solutions available on the market in order to provide users with the easiest, trouble-free installation, easy and intuitive operation and quick identification and localising of potential system errors, thus maximising the safety of a building.

The wireless communication system will be suitable both in new buildings, where ease of installation will decrease the total cost of the system compared to traditional wired monitoring systems, which require dedicated communication infrastructure, as well as in existing buildings, where no need to install a separate communication bus will be an even greater advantage.

In a basic, smallest version, the system can operate up to 235 emergency light fittings, which is suitable for small and medium size installations. In an expanded Enterprise version it is possible to multiply 5 times the system's capacity.

The system is being launched in pair with new comprehensive series of emergency luminaires, which will satisfy the full scope of needs in lighting up escape routes and indicating their directions.

## CARACTERISTICI GENERALE ALE SISTEMULUI / GENERAL SYSTEM FEATURES:

### INSTALARE USOARA SI ESTETICA

- este suficient sa conectati sursa de alimentare de 230V si sa asigurati acces la Internet
- nu exista antene vizibile deasupra corpurilor de iluminat care sa fie prezente in cadrul sistemului
- nu este nevoie sa instalati alte comunicatii
- independenta fata de infrastructura de comunicatii furnizata in locatie

### COMUNICARE CONSTANTA SI FIABILA INTRE CORPURILE DE ILUMINAT ALE SISTEMULUI

- topologia retelei utilizate de tip mesh

### UNITATE DE CONTROL ECHIPATA CU UN ECRAN TOUCHSCREEN DE 7 INCH

- un meniu intuitiv pentru operator pentru instalare si operare usoara

### CORPURI DE ILUMINAT UNICE

- modulele radio adresate in etapa de productie fac parte integranta din electronica corpurilor de iluminat
- nu este nevoie sa utilizati dispozitive de adresare suplimentare

### COMUNICARE IN BANDA DE 868MHZ

- autonomie mare in spatiu deschis - pana la cateva sute de metri acoperire mai mult decat suficienta in interiorul cladirilor
- pana la cateva zeci de metri imunitate la interferente prin semnale DECT, WLAN si GSM

### POSSIBILITATEA CONTROLULUI DE LA DISTANTA PRIN CANALE DE COMUNICARE ALTERNATIVE:

- Ethernet sau website
- WiFi sau modem

### MONITORIZAREA PANA LA 235 L.A.M.P.I IN VERSIUNEA DE SISTEM DE BAZA

- instalare simpla, nu este nevoie sa preconfigurati

### GARANTIA DATELOR SISTEMULUI SI SIGURANTA REZULTATELOR TESTELOR

- cele mai recente rezultate ale testului sunt salvate in memoria interna a dispozitivului
- securitatea pastrarii datelor la intreruperea alimentarii
- celule litiu-fier inlocuibile incorporate in unitatea de control
- rezultatele tuturor testelor sunt exportate imediat dupa finalizarea lor
- o baza de date externa garanteaza securitatea stocarii acestora
- conexiunea criptata asigura securitatea comunicarii

### SEMNALIZAREA STARILOR CONTROLLER-ULUI SI A BATERIILOR INCLUSE

#### INITIEREA TESTELOR AUTOMAT SAU MANUAL

- programele testelor editabile

- posibilitatea gruparii corpurilor de iluminat si efectuarea operatiilor asupra acelor grupuri

### POSSIBILITATEA MANAGEMENTULUI CORPURILOR DE ILUMINAT LA DISTANTA

- activarea modului de oprire a corpurilor de iluminat de urgenta
- pomirea modului de repaus al corpurilor de iluminat
- comutarea intre operatiuni mentinute si nementinute

### SISTEMUL PERMITE APELARE AUTOMATA SI GRATUITA A ECHIPEI DE MENTENANTA

### EASY AND AESTHETIC INSTALLATION

- it is enough to connect 230V power supply and provide Internet access
- no visible antennas in the luminaires cooperating within the system
- no need to install communication busses
- independence from the communication infrastructure provided on a site

### CONSTANT AND RELIABLE COMMUNICATION BETWEEN THE LUMINAIRES IN THE SYSTEM

- mesh network topology used

### CONTROL UNIT EQUIPPED WITH A 7-INCH TOUCH SCREEN

- an intuitive operator menu for easy installation and operation

### UNIQUE LUMINAIRE ADDRESSES

- radio modules addressed at the production stage are integral part of the luminaires' electronics
- no need to use any additional addressing devices

### COMMUNICATION IN THE 868MHZ BAND

- large range in open space - up to several hundred meters more than sufficient coverage inside buildings
- up to several dozen meters immunity to interference by DECT, WLAN and GSM signals

### POSSIBILITY OF A REMOTE CONTROL THROUGH ALTERNATIVE COMMUNICATION CHANNELS:

- Ethernet and website
- WiFi or modem

### MONITORING UP TO 235 FITTINGS IN BASIC SYSTEM VERSION

- simple installation, no need to pre-configure

### GUARANTEE OF THE SYSTEM'S DATA AND TEST RESULTS SAFETY

- the most recent test results are saved in the device's internal memory
- data retention security at power failure
- replaceable lithium-iron cells built into the control unit
- results of all tests are being exported immediately after their completion
- an external server database guarantees the security of their storage
- encrypted connection ensures communication security

### SIGNALING OF STATUSES OF A CONTROLLER AND BUILT-IN BACKUP CELLS

#### AUTOMATIC OR MANUAL TESTS' INITIATIONS

- editable tests' schedules

- possibility of luminaires' grouping and performing operations on those groups

### POSSIBILITY OF REMOTE LUMINAIRES' MANAGEMENT

- activation of the inhibit mode of emergency lighting luminaires
- switching on the rest mode of luminaires
- switching between maintained and non-maintained operations

### THE SYSTEM ENABLES AUTOMATIC AND MAINTENANCE FREE CALL THE SERVICE TEAM



ACUMULATORI NiCd / NiCd BATTERIES

Numar catalog / Catalogue number	Pachet acumulatori / Battery pack	Aplicatie / Application	Configuratie / Arrangement	Dimensiuni (fara fire) / Dimensions (without wires)
96001	NiCd 3,6V 800mAh HT	CASIOPEEA LED 3H		L103 x Ø15
96856	NiCd 3,6V 1800mAh HT	ORION LED 100 MT 3H (41628) ORION LED 150 AT 3H (97245) ORION LED D AT 3H (94941)		L43 x W69 x H23
96002	NiCd 3,6V 1500mAh HT	ORION LED 150 MT 3H (98305) ORION LED D MT 3H (94942)		L129 x Ø23
94305	NiCd 3,6V 1500mAh HT	ORION LED 100 AT 3H (99905)		L43 x W69 x H23
93372	NiCd 3,6V 800mAh HT	OXIMIA LED (40095)		L153 x Ø15
96009	NiCd 3,6V 800mAh HT	STARLET EXTERNAL 3W 1H (93358, 93359)		L51 x W30 x H28
94913	NiCd 3,6V 3000mAh HT	STARLET ALB 3W 3H (99616, 96740, 99355, 93353)		L186 x Ø35
94914	NiCd 3,6V 4500mAh HT	STARLET ALB 5W 3H (99615, 99614, 93355, 93354)		L186 x Ø35
99811	NiCd 3,6V 1500mAh HT	PRIMUS TEC 6-36W /1H (97934)		L133 x Ø23
98243	Ni-Cd 4,8V 1500mAh HT	PRIMUS TEC 6-58W /1H (97933)		L178 x Ø23
40158	NiCd 3,6V 2500mAh HT	Wars Panel 2W 2H Cosmic LED 2H PRIMUS LED 2H /A PRIMUS TEC 6-36 2H		L150 x Ø27
40159	NiCd 3,6V 4000mAh HT	Wars Panel 2W 3H PRIMUS LED 3H /A PRIMUS TEC 6-36 3H		L186 x Ø35
40161	Ni-Cd 4,8V 2500mAh HT	PRIMUS TEC 6-58W 2H PRIMUS LED 2H/B		L200 x Ø27
40162	Ni-Cd 4,8V x D 4000mAh HT	PRIMUS TEC 6-58 3H PRIMUS LED 3H/B		L235 x Ø33
96000	NiCd 3,6V 600mAh	VELLA LED ECO 125 1H		L153 x Ø15
96008	NiCd 3,6V 1200mAh	VELLA LED ECO 125 3H		L129 x Ø23
96007	NiCd 3,6V 1000mAh	VELLA LED ECO 250 1H		L153 x Ø15
96005	NiCd 3,6V 2500mAh	VELLA LED ECO 250 3H		L150 x Ø27

ACUMULATORI NiMH / NiMH BATTERIES

Numar catalog / Catalogue number	Pachet acumulatori / Battery pack	Aplicatie / Application	Configuratie / Arrangement	Dimensiuni (fara fire) / Dimensions (without wires)
96294	NiMH 3,6V 1500mAh HT	Carina LED 3H		L51 x W30 x H28
94972	NiMH 3,6V 3000mAh HT	Starlet External 3W 3H		(L43 x Ø23) + (L86 x Ø23)
94911	NiMH 3,6V 4000mAh HT	Starlet External 5W 3H		(L50 x Ø27) + (L100 x Ø23)

ACUMULATORI LiFePO4 6,4V / 6,4V LiFePO4 BATTERIES

Numar catalog / Catalogue number	Pachet acumulatori / Battery pack	Aplicatie / Application	Configuratie / Arrangement	Dimensiuni (fara fire) / Dimensions (without wires)
96041	LiFePO4 6,4V 600mAh	VELLA LED 150 1H SUPREMA LED D-eco 3H		L150 x Ø14
96042	LiFePO4 6,4V 1500mAh	SUPREMA LED 150 3H SUPREMA LED D-std 3H		L130 x Ø18
96047	LiFePO4 6,4V 1500mAh	VELLA LED 150 3H VELLA LED 250 1H		L65 x W36 x H18
96045	LiFePO4 6,4V 3000mAh	SUPREMA LED 250 3H SUPREMA LED 350 3H SUPREMA LED 400 2H SUPREMA LED 650 2H		L130 x Ø26
96043	LiFePO4 6,4V 3000mAh	VELLA LED 250 3H VELLA LED 350 3H VELLA LED 400 2H VELLA LED 650 2H		L130 x W36 x H18

ACUMULATORI LiFePO4 12,8V / 12,8V LiFePO4 BATTERIES

Numar catalog / Catalogue number	Pachet acumulatori / Battery pack	Aplicatie / Application	Configuratie / Arrangement	Dimensiuni (fara fire) / Dimensions (without wires)
96087	LiFePO4 12,8V 600mAh	WARS LED PANEL 3W 1H PRIMUS LED HP 3W 1H		L100 x W28 x H14
96088	LiFePO4 12,8V 1000mAh	WARS LED PANEL 3W 2H PRIMUS LED HP 3W 2H		L100 x W36 x H18
96089	LiFePO4 12,8V 1600mAh	WARS LED PANEL 3W 3H WARS LED PANEL 6W 2H PRIMUS LED HP 3W 3H PRIMUS LED HP 6W 2H		L130 x W36 x H18
96061	LiFePO4 12,8V 3000mAh	WARS LED PANEL 6W 3H WARS LED PANEL 9W 2h /3H WARS LED PANEL 12W 2H PRIMUS LED HP 6W 3H PRIMUS LED HP 9W 2h/ 3H PRIMUS LED HP 12W 2H		L260 x Ø26
96069	LiFePO4 12,8V 4000mAh	WARS LED PANEL 12W 3H PRIMUS LED HP 12W 3H		L292 x W36 x H18



IESIRE PRIN DREAPTA SUS /  
EXIT UP TO THE RIGHT



IESIRE PRIN DREAPTA JOS /  
EXIT DOWN TO THE RIGHT



IESIRE S SUS / EXIT UP L



IESIRE S JOS / EXIT DOWN L



IESIRE PRIN STANGA /  
EXIT TO THE LEFT



PICTOGRAME PENTRU LEDU VELLA /  
PICTOGRAM FOR VELLA LED



IESIRE PRIN STANGA SUS /  
EXIT UP TO THE LEFT



IESIRE PRIN STANGA JOS /  
EXIT DOWN TO THE LEFT



IESIRE R SUS / EXIT UP R



IESIRE D JOS / EXIT DOWN R



IESIRE PRIN DREAPTA /  
EXIT TO THE RIGHT



IESIRE DE URGENTA /  
EVACUATION EXIT



HIDRANT / FIRE HOSE REEL

Alimentare /  
Power supply



Adaptat la tensiunea de 230V /  
Adapted to the 230 V voltage



Parametrii de alimentare pentru versiunea  
bateriei centrale / Supply parameters for  
Central battery version

Tipuri de surse de  
lumina / Type of  
light source



Tub liniar T5 G13 linear / T5 G13  
linear tube



Dioda electroluminescenta /  
Electroluminescent diode

Clasa de rezistenta la praf si umiditate /Dust  
and humidity resistance class



Loc de utilizare /Place of use



In interior / indoors



In interior si exterior /  
Indoors and outdoors



In exterior / outside

Optiuni de asamblare /  
Assembly options



Instalare incastrata /  
Recessed installations



Instalare pe suprafata /  
Surface installation



Instalare tip pandantiv /  
Pendant type installation

Clasa de protectie la socuri electrice /  
Electric shock protection class



Prima clasa de protectie /  
First protection class



A doua clasa de protectie /  
Second protection class

Instalare pe suprafete normal inflamabile /  
Installation on normally flammable surfaces



Marcarea conformitatii cu standardele UE /  
Marking of conformity with European Union directives



Timpul de functionare in modul de urgenta /  
Emergency mode operating time



Raza de vizibilitate /  
Visibility range



Gradul de protectie al carcasei  
impotriva deteriorarilor mecanice /  
Degree of enclosure protection  
against mechanical damages



Carcasa cu functie de testare /  
Enclosure with test function



Test manual /  
Manual test



Autotest /  
Autotest



Test central /  
Central test

Protectie impotriva radiatiilor excesive UV /  
Protection against excessive UV radiation



Versiune cu balast /  
Version including ballast



Balast electronic / Electronic ballast



Balast magnetic / Magnetic ballast









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