

TUNNEL

(S - L)

Application

Tunnels and underpasses.



4,7 - 10 kg

Informations

Die-cast aluminum luminaire designed specifically to meet the needs of tunnel applications. Available in two sizes, from 16 + 16 to 32 + 32 LEDs. With the bi-power, this function reduces the power of the luminous flux according to the chosen programming. Many choices of configurations. It meets all the standards and regulations that govern public lighting.

Structures & Materials

Body : die-cast aluminium

Diffuser : tempered 5mm flat glass, easy replaceable

Gasket : silicone

Screws & nuts : stainless steel.

Color : RAL 7016 (Optional). Other colors on request.

Electrical & Electronic

Input voltage & frequency : 220–240V AC 50/60Hz

Class : Class I (Standard), Class II (Optional)

Constant current

Driver—Surge protection and integration of thermal protection

Power factor : > 0,9 at 230V 50Hz.

Lighting performance

LED configuration : 16 + 16 or 32 + 32

Rated luminous flux range : from 9800 to 35000 lm

Rated luminous efficacy : up to 137 lm/w

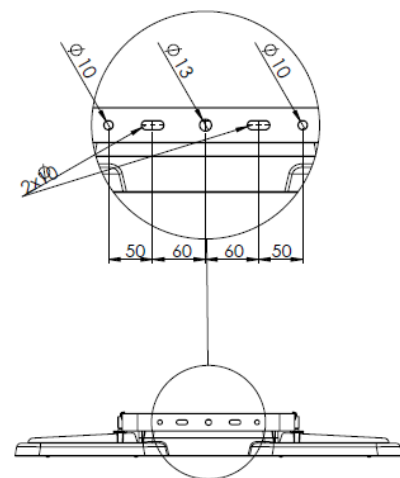
Lumen factor maintenance : L90B10 100K hrs

Color temperature (K) : 2700, 3000, 4000 (Standard), 5000, 5700, 6000, 6500 (Optional)

Color Rendering Index (CRI) : 70 (Standard), 80, 90 (Optional).

ULOR : 0.

Installation & Maintenance



Options available

Precabing | DALI | Surge protection : 10 kV.

Standards & Regulations

Complies with Me/CE,S road lighting standards EN 13201.

CE, RoHS, VDE, EN 60598 2-3, Directive 2004/35/EU, 2014/30/EU, 2011/65/EC, 2009/125/EC, 1194/2012/EC, EN 60598-1, EN 55015, EN61000-3-2, EN61000-3-3, EN 62493, EN 61547, EN 62471, photo biological safety of lamps and lamp system.

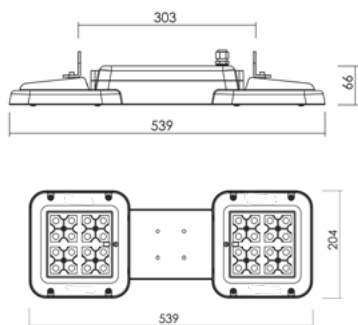
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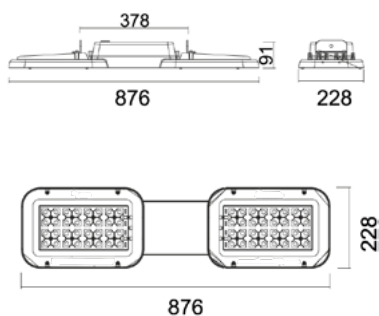


Dimensions

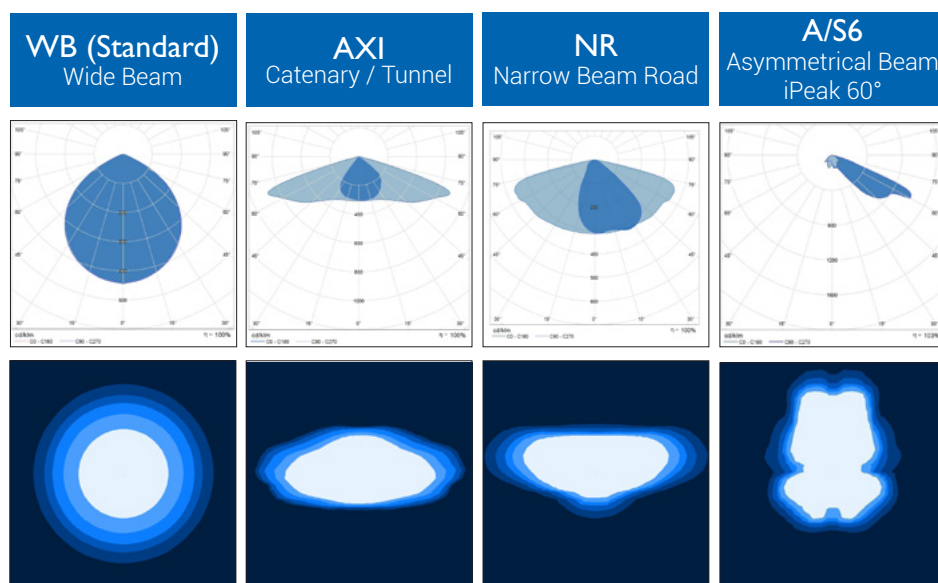
Tunnel, Small size



Tunnel, Large size



Photometric





Ordering guide

Nom produit	Nombre de LEDs	Type de LEDs	IRC	Couleur de température	Optiques	Electronique	Electrique	Montage	Précâblage	Finitions	Protection surtensions		
Product name	Number of LEDs	LEDs type	CRI	Color temperature	Optics	Electronic	Electrical	Mounting type	Precabbling	Finish	Surge protection		
										SP - Protection contre les surtensions - Surge protection			
										/ - RAL 7016 - RAL 7016 ★			
										RXXXX Peinture RAL au choix - RAL Coating to be defined			
										/ Pré-câblé lg. 30 cm - Pre-cabbling 30 cm ★			
										WXXM - Pré-câblé lg. XX m - Pre-cabbling XX m			
										/ - sans fourche - without Stirrup ★			
										MWA - avec fourche - with Stirrup			
										CL1 - Classe électrique I - Electrical Class I			
										CL2 - Classe électrique II - Electrical Class II			
										HFX - Réduction DALI - DALI Dimming			
										DIM - Réduction 1-10V - 1-10V dimming			
										BP - Réduction autonome de la puissance à 50 % du flux lumineux sur 8 heures (programmation fixe) - Bi-Power 8hrs (Fixed) ★			
										NR - Route étroite - Narrow Beam / Road			
										AXI - Caténaire / Tunnel - Catenary / Tunnel			
										WB - Faisceau large - Wide Beam ★			
A/S6 - Faisceau Asymétrique iPeak 60 ° - Asymmetrical Beam iPeak 60°													
												27 - CCT 2700K	
												30 - CCT 3000K	
												40 - CCT 4000K ★	
												50 - CCT 5000K	
												57 - CCT 5700K	
												60 - CCT 6000K	
												65 - CCT 6500K	
												7 - IRC>70 ★	
												8 - IRC>80	
												9 - IRC>90	
												/ - High lumen efficiency ★	
												32L60 - 32 LED 600mA ★	
												32L70 - 32 LED 700mA ★	
												32L93 - 32 LED 925mA ★	
32L105 - 32 LED 1050mA ★													
64L60 - 64 LED 600mA ★													
64L70 - 64 LED 700mA ★													
64L80 - 64 LED 800mA ★													
64L93 - 64 LED 925mA ★													
64L105 - 64 LED 1050mA ★													
TUN711S ★													
TUN112L ★													

★ Standard

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