

SLCS | TALEDO PLUS GENERAL CHARACTERISTICS

Applications	Street lighting
Optics	N: Narrow V14; R: Regular R-V25; A: Regular Comfort A-V05; M: M-L10; W: Wide W-V07; B: Wide B-V08; D: Extra Wide V20; F: Front-Back V10; E: Forward Wide E-L01;
Colour temperature	2: Warm White 3,000K; 8: Neutral White 4,000K; 5: Warm White 2,700K; 9: Extra Warm White 2,200K; 1: Cool White 5,500K;
CRI and color tolerance (SDCM)	Minimum 70, on request 80 Colour tolerance between several luminaires Max. 4 steps MacAdam
Photobiological safety class	Exempt Group
Insulation class	Class II , Class I upon request
Degree of protection	IK08
IP Grade	IP66
Wiring	Internal connections - tool-free access on request
Dimensions	480 x 243 x 203 mm
Weight	4.5 kg

ELECTRICAL CHARACTERISTICS

Power supply	220-240 V 50/60 Hz; 120-270 V su richiesta
Power factor	> 0,97 (at full load)
Control system	Automatic dimming system of the 'virtual midnight' type with up to 5 steps, CLO function. 1-10, DALI-2, Zhaga 18 on request
Overvoltage protection	12kV differential mode, 12kV common mode, SPD 5kA on request
Optical unit life (Ta from -10°C to 45°C)	L90 B10 > 100.000 hr

MATERIALS

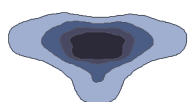
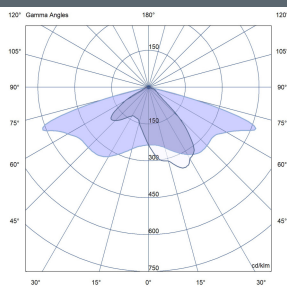
Fixing	Post top and bracket mounting Suitable for 40 to 76 mm diameter poles Head/pole for vertical or horizontal poles, adjustable from -15° to +20°
Heatsink	Die-cast aluminium painted RAL 9007
Frame	Die-cast aluminium; Paint finish RAL 9007
Optics	Multi-layer PMMA lenses
Screen	4 mm thick toughened flat glass resistant to thermal shock and impact

The characteristics of the product are subject to change and will be confirmed when the order is placed.
The values indicated are to be considered with a tolerance of +/- 5%.

** Flux tolerance +/- 5%.
Other powers and flows on request.
External connections on request.

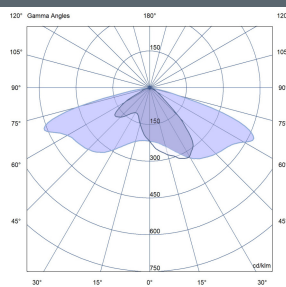
OPTICS

Narrow V14



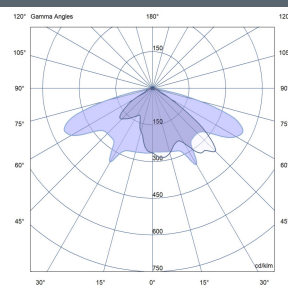
Asymmetrical street optics - Narrow beam
 $L / H = 0,5 \div 0,9$

Regular R-V25



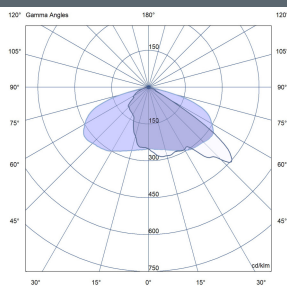
Asymmetrical street optics - Medium beam
 $L / H = 0,9 \div 1,1$

Wide W-V07



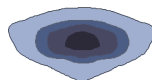
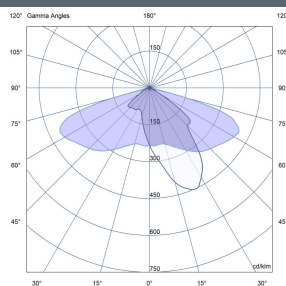
Asymmetrical street optics - Wide beam
 $L / H = 1,1 \div 1,3$

Extra Wide V20



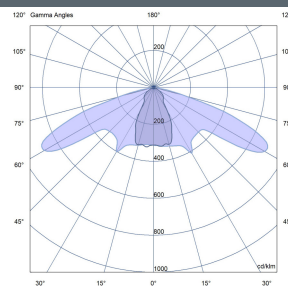
Asymmetrical optics - Very wide beam
 $L / H = 1,3 \div 1,6$

Regular Comfort A-V05



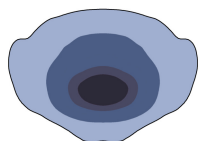
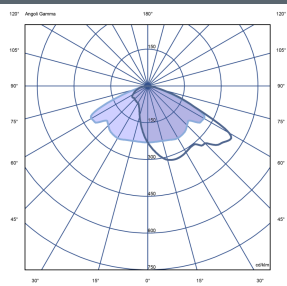
Asymmetrical Optics - Comfort
 $L / H = 1,0$

Symmetric S-SW07



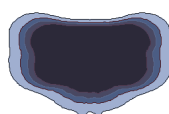
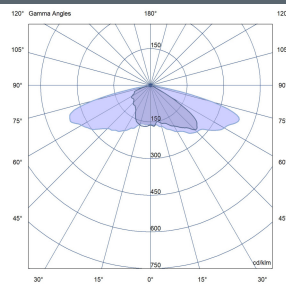
Symmetrical Optics
 $L / H = 1,0$

Forward Wide E-L01



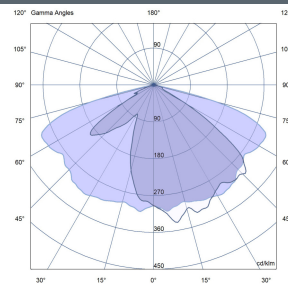
Asymmetrical optics - Very wide beam
 $L / H = 1,5-2,0$

Front-Back V10



Asymmetrical Street Optics - Front-Back
 $L / H = 1,2 \div 1,5$

Wide B-V08

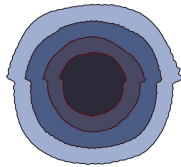
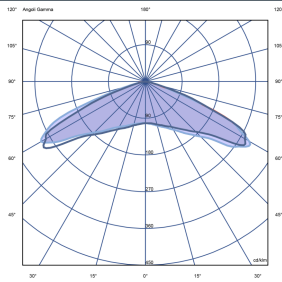


Asymmetrical street optics - Wide beam
 $L / H = 1,2 \div 1,5$

** Flux tolerance +/- 5%.

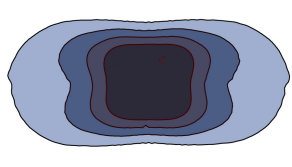
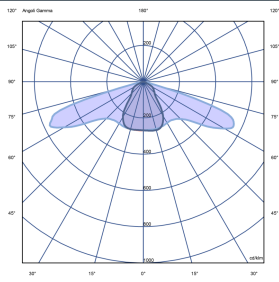
Other powers and flows on request.
 External connections on request.

Roto-Wide U-V04



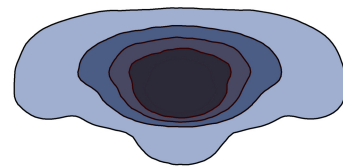
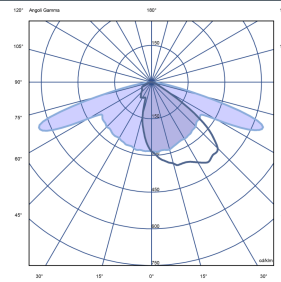
Rotosymmetrical road optics - Wide beam

Symmetric Z-L04



Symmetrical street optics - Medium beam
 $L / H = 1,2$

M-L10



$L / H = 1.0$

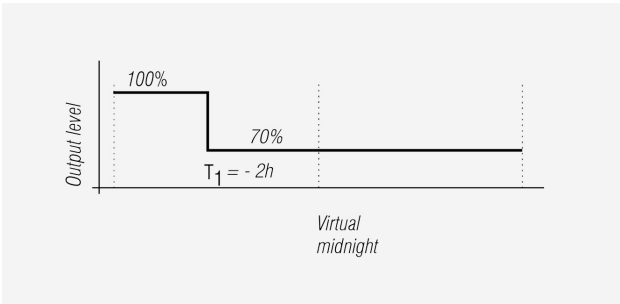
** Flux tolerance +/- 5%.

Other powers and flows on request.

External connections on request.

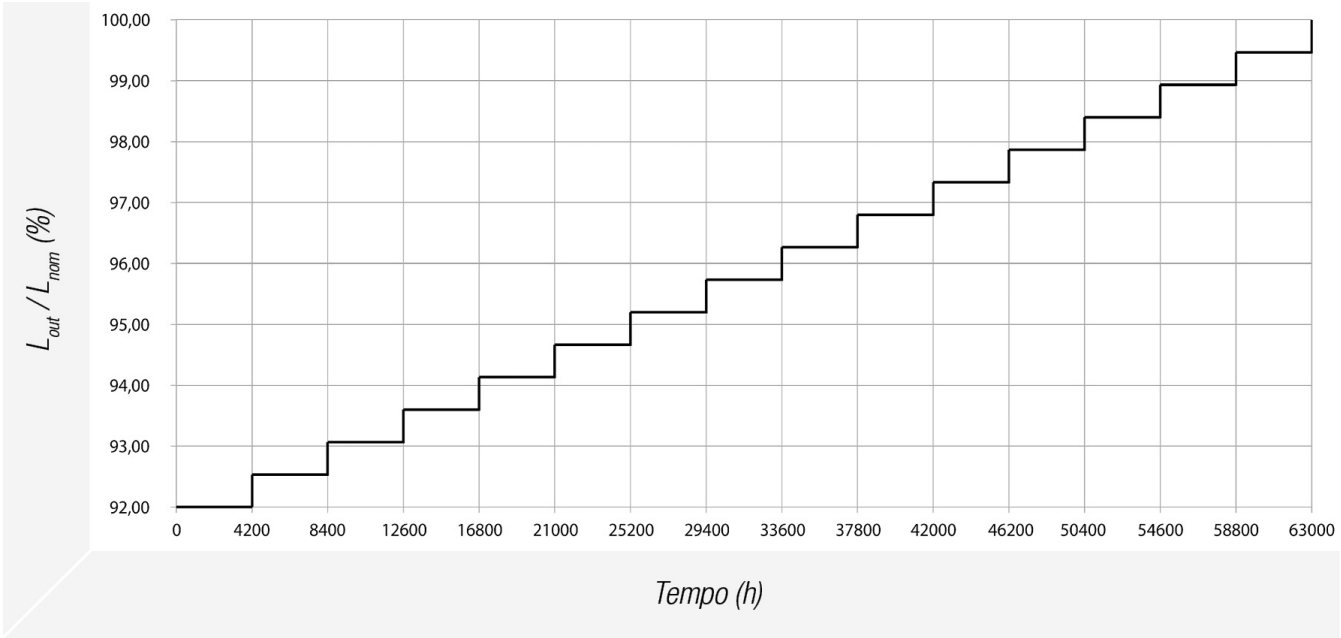
DIMMING

STANDARD VIRTUAL MIDNIGHT PROFILE



For other profiles please contact the sales department.

STANDARD CLO PROFILE



** Flux tolerance +/- 5%.
Other powers and flows on request.
External connections on request.

CODING

	Optics	LED Color Temperature	Power *	Insulation Class (Input Range)	Dimming	Various
SLCSG	R	8	XX	2	N	A
	N Narrow V14	2 Warm White 3,000K	39 13.1	2 Class II (220-240V)	N No Dimming	A
	R Regular R-V25	8 Neutral White 4,000K	40 14.9		M Virtual Midnight**	L Standard
	A Regular Comfort A-V05	5 Warm White 2,700K	41 17.7		Z Virtual Midnight** + CLO	
	M M-L10	9 Extra Warm White 2,200K	42 19.3		L Zhaga 18 + Virtual Midnight**	
	W Wide W-V07	1 Cool White 5,500K	43 21.4		Y Zhaga 18 + Virtual Midnight** + CLO	
	B Wide B-V08		44 20.2			
	D Extra Wide V20		45 24.7			
	F Front-Back V10		46 28.3			
	E Forward Wide E-L01		47 32.1			
			48 35.8			
			49 37.8			
			50 40.2			
			51 34.4			
			52 39.3			
			53 46.3			
			54 51.6			
			55 57.7			
			56 63.2			

** Flux tolerance +/- 5%.

Other powers and flows on request.
External connections on request.