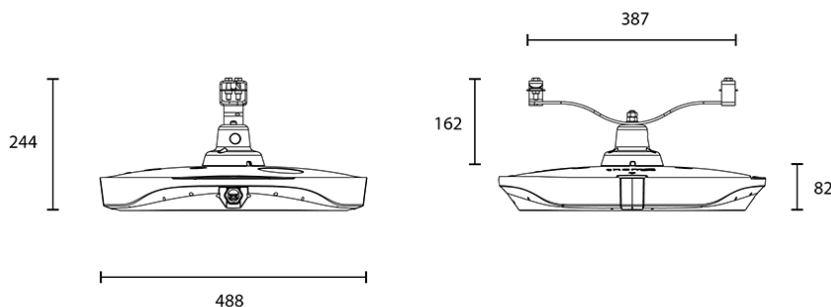




THEMIS C GENERAL CHARACTERISTICS

Applications	Street lighting
Optics	S: Symmetric S-SW07; Z: Symmetric Z-L04; U: Roto-Wide U-V04;
Colour temperature	2: Warm White 3,000K; 8: Neutral White 4,000K;
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	IK09
IP Grade	IP66
Wiring	Internal connections - accessibility without tools
Dimensions	diam 488 x 225 mm
Weight	7 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 "virtual midnight" dimming system with up to 3 steps and CLO function; DALI; remote control based on lumawise system
Overvoltage protection	12kV differential mode, 12kV common mode, SPD 5kA on request
Operating temperature	-20°C +40°C
Optical unit life (Ta from -10°C to 45°C)	L90 B10 > 100.000 hr

MATERIALS

Fixing	Suspension
Heatsink	Die-cast aluminium; painted "Dark Coal"
Frame	Die-cast aluminium; painted "Dark Coal"
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%.

POWER AND OPTICAL FLUX I S
 (T_{amb}=25°C)

CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
THCB_ _022_ _	15,0	2.377	158	15,0	2.335	156
THCB_ _042_ _	21,0	3.448	164	21,0	3.269	156
THCB_ _062_ _	35,3	5.600	159	35,3	5.375	152
THCB_ _082_ _	46,2	7.092	154	46,2	6.803	147
THCB_ _102_ _	63,6	9.092	143	63,6	8.903	140
THCB_ _112_ _	79,0	11.134	141	79,0	10.632	135

POWER AND OPTICAL FLUX I Z
 (T_{amb}=25°C)

CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
THCB_ _022_ _	15,0	2.449	163	15,0	2.406	160
THCB_ _042_ _	21,0	3.553	169	21,0	3.368	160
THCB_ _062_ _	35,3	5.770	163	35,3	5.539	157
THCB_ _082_ _	46,2	7.308	158	46,2	7.010	152
THCB_ _102_ _	63,6	9.369	147	63,6	9.175	144
THCB_ _112_ _	79,0	11.473	145	79,0	10.957	139

POWER AND OPTICAL FLUX I U
 (T_{amb}=25°C)

CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
THCB_ _022_ _	15,0	2.420	161	15,0	2.377	158
THCB_ _042_ _	21,0	3.510	167	21,0	3.327	158
THCB_ _062_ _	35,3	5.700	161	35,3	5.471	155
THCB_ _082_ _	46,2	7.219	156	46,2	6.925	150
THCB_ _102_ _	63,6	9.254	146	63,6	9.063	143
THCB_ _112_ _	79,0	11.333	143	79,0	10.823	137

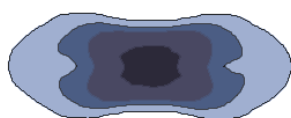
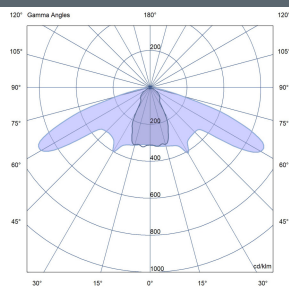
** Flux tolerance +/- 5%.

Other powers and flows on request.

External connections on request.

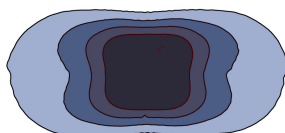
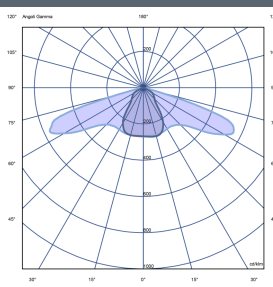
OPTICS

Symmetric S-SW07



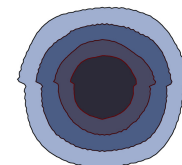
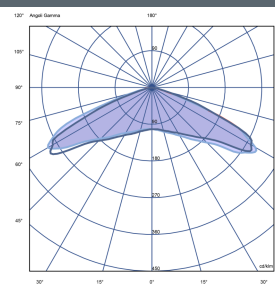
Symmetrical Optics
L / H = 1,0

Symmetric Z-L04



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

Roto-Wide U-V04



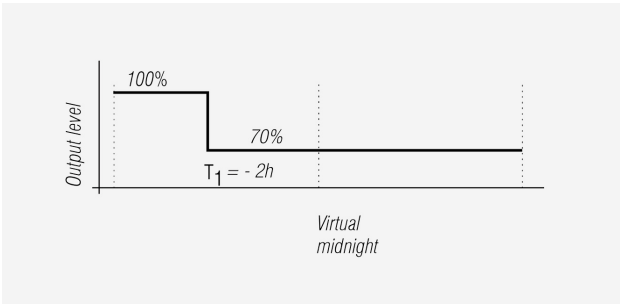
Rotosymmetrical road optics - Wide beam

** Flux tolerance +/- 5%.

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

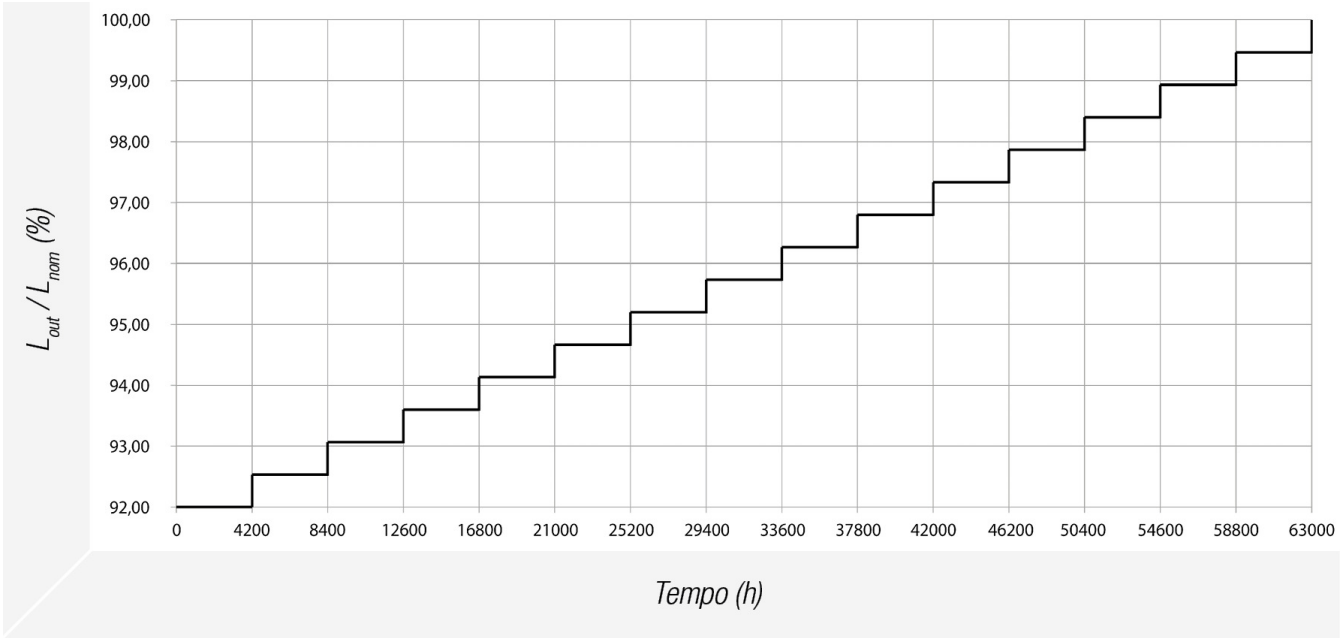
DIMMING

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
THCB	R	8	XX	2	N	A
	S Symmetric S-SW07	2 Warm White 3,000K	02 15	2 Class II (220-240V)	N No Dimming	L Standard
	Z Symmetric Z-L04	8 Neutral White 4,000K	04 21	Versions available on request	M Virtual Midnight**	
	U Roto-Wide U-V04	Versions available on request	06 35.3		Z Virtual Midnight** + CLO	
			08 46.2		L Zhaga 18 + Virtual Midnight**	
			10 63.6		Y Zhaga 18 + Virtual Midnight** + CLO	
		1 Cool White 5,500K	11 79	1 Class I (120-270V)		
		5 Warm White 2,700K				
		9 Extra Warm White 2,200K				

** Flux tolerance +/- 5%.

Other powers and flows on request.

External connections on request.