

IP66

IK08



HEMERA C PRO GENERAL CHARACTERISTICS

Applications	Street lighting
Optics	S: Symmetric S-SW07; Z: Symmetric Z-L04; U: Roto-Wide U-V04;
Colour temperature	1: Cool White 5,500K; 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 typical 4 MacAdam steps
Photobiological safety class	Exempt Group
Insulation class	Class II , Class I upon request
Degree of protection	IK08
IP Grade	IP66
Wiring	Internal connections
Dimensions	diam 365 x 80 mm
Weight	5 kg

ELECTRICAL CHARACTERISTICS

Power supply	220-240 V 50/60 Hz; 120-270 V su richiesta
Power factor	> 0,95 (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	-30°C +50°C
Optical unit life (Ta from -10°C to 45°C)	L90 B10 > 100.000 hr

MATERIALS

Fixing	Suspension
Heatsink	Die-cast aluminium
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
HECB_002_	13,0	1.996	154	13,0	1.919	148
HECB_012_	16,0	2.456	154	16,0	2.361	148
HECB_022_	19,5	3.026	155	19,5	2.909	149
HECB_032_	23,0	3.561	155	23,0	3.424	149
HECB_042_	26,0	4.005	154	26,0	3.851	148
HECB_052_	29,0	4.460	154	29,0	4.288	148
HECB_062_	36,0	5.608	156	36,0	5.392	150
HECB_072_	42,0	6.468	154	42,0	6.219	148
HECB_082_	49,0	7.370	150	49,0	7.086	145
HECB_092_	55,0	8.177	149	55,0	7.862	143

POWER AND OPTICAL FLUX I Z

(T_{amb}=25°C)

CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
HECB_002_	13,0	2.056	158	13,0	1.977	152
HECB_012_	16,0	2.531	158	16,0	2.433	152
HECB_022_	19,5	3.118	160	19,5	2.998	154
HECB_032_	23,0	3.670	160	23,0	3.529	153
HECB_042_	26,0	4.128	159	26,0	3.968	153
HECB_052_	29,0	4.596	158	29,0	4.419	152
HECB_062_	36,0	5.780	161	36,0	5.557	154
HECB_072_	42,0	6.666	159	42,0	6.409	153
HECB_082_	49,0	7.595	155	49,0	7.302	149
HECB_092_	55,0	8.427	153	55,0	8.102	147

POWER AND OPTICAL FLUX I U

(T_{amb}=25°C)

CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
HECB_002_	13,0	1.917	147	13,0	1.844	142
HECB_012_	16,0	2.360	148	16,0	2.269	142
HECB_022_	19,5	2.907	149	19,5	2.795	143
HECB_032_	23,0	3.422	149	23,0	3.290	143
HECB_042_	26,0	3.849	148	26,0	3.700	142
HECB_052_	29,0	4.286	148	29,0	4.120	142
HECB_062_	36,0	5.389	150	36,0	5.181	144
HECB_072_	42,0	6.215	148	42,0	5.976	142
HECB_082_	49,0	7.082	145	49,0	6.809	139
HECB_092_	55,0	7.857	143	55,0	7.554	137

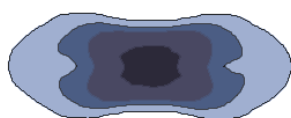
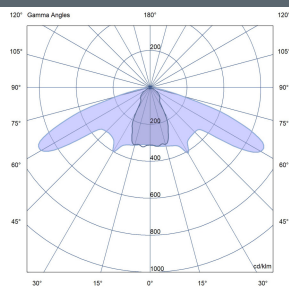
** Flux tolerance +/- 5%.

Other powers and flows on request.

External connections on request.

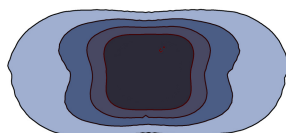
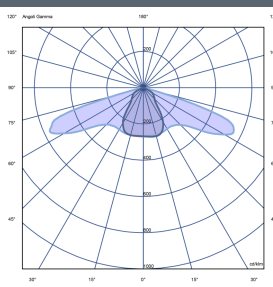
OPTICS

Symmetric S-SW07



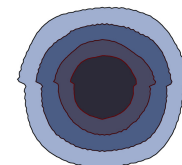
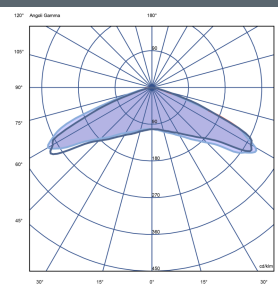
Symmetrical Optics
L / H = 1,0

Symmetric Z-L04



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

Roto-Wide U-V04



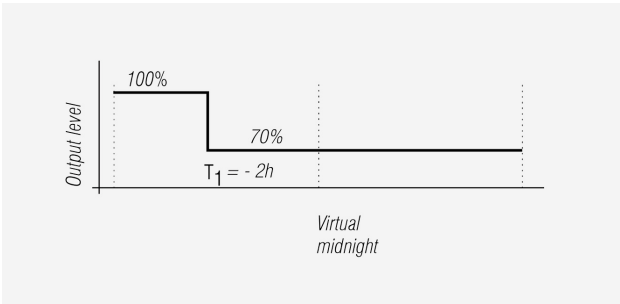
Rotosymmetrical road optics - Wide beam

** Flux tolerance +/- 5%.

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

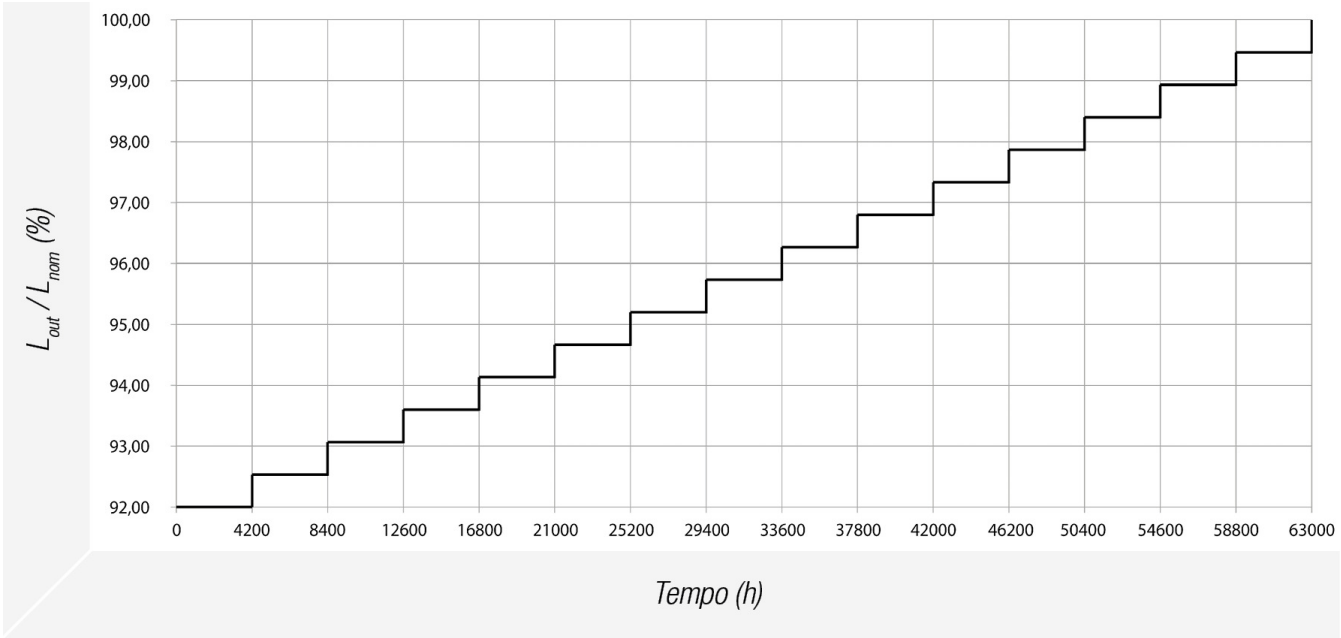
DIMMING

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
HECB	R	8	XX	2	N	A
	S Symmetric S-SW07	1 Cool White 5,500K	00 13	2 Class II (220-240V)	N No Dimming	A
	Z Symmetric Z-L04	2 Warm White 3,000K	01 16	Versions available on request	M Virtual Midnight**	L Standard
	U Roto-Wide U-V04	8 Neutral White 4,000K	02 19.5		Z Virtual Midnight** + CLO	
		Versions available on request	03 23	1 Class I (120-270V)	L Zhaga 18 + Virtual Midnight**	
		5 Warm White 2,700K	04 26		Y Zhaga 18 + Virtual Midnight** + CLO	
		9 Extra Warm White 2,200K	05 29			
			06 36			
			07 42			
			08 49			
			09 55			

** Flux tolerance +/- 5%.

Other powers and flows on request.

External connections on request.