

NOESI L GENERAL CHARACTERISTICS

Applications	Outdoor lighting
Optics	E: Forward Wide E-L01; U: Roto-Wide U-V04; F: Front-Back V10; H: Asymmetric H-L12; 13: Rotosymmetric 13°; 25: Rotosymmetric 25°; 40: Rotosymmetric 40°;
Colour temperature	2: Warm White 3,000K; 8: Neutral White 4,000K;
CRI and color tolerance (SDCM)	Min. > 80, on request 90 (LED type: B; flux multiplier 0.8) Colour tolerance between several luminaires Max. 5 MacAdam steps; on request 3 MacAdam steps
Photobiological safety class	Exempt Group
Insulation class	Class II , Class I upon request
Degree of protection	IK09
IP Grade	IP66
Wiring	Quick plug-in IP65 connector
Dimensions	642 x 421 x 173 mm
Weight	10 kg

ELECTRICAL CHARACTERISTICS

Power supply	120-270 V 50/60 Hz; 220-270 V su richiesta
Power factor	> 0,97 (at full load)
Control system	1-10V, "virtual midnight" automatic dimming system up to 5 steps, CLO and DALI-2 function; Zhaga 18 on request
Operating temperature	-20°C +50°C
Optical unit life (Ta from -10°C to 45°C)	L90 B10 > 100.000 hr @ tA max 50 °C

MATERIALS

Fixing	By means of an aluminium bracket
Heatsink	Die-cast aluminium
Frame	Die-cast aluminium
Optics	Multi-layer PMMA lenses
Screen	Flat tempered glass 5 mm thick, 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 | E
 (T_{amb}=25°C)

CODE	Power (W)	4000K		3000K	
		Flux (lm)	Efficiency	Power (W)	Flux (lm)
NOLA_ _012_ _	172,0	24.127	140	172,0	23.197
NOLA_ _022_ _	239,0	32.228	135	239,0	30.987
NOLA_ _032_ _	291,0	38.092	131	291,0	36.624

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

CODE	Power (W)	4000K		3000K	
		Flux (lm)	Efficiency	Power (W)	Flux (lm)
NOLA_ _012_ _	172,0	28.554	166	172,0	27.454
NOLA_ _022_ _	239,0	38.141	160	239,0	36.672
NOLA_ _032_ _	291,0	45.081	155	291,0	43.344

POWER AND OPTICAL FLUX | F
 (T_{amb}=25°C)

CODE	Power (W)	4000K		3000K	
		Flux (lm)	Efficiency	Power (W)	Flux (lm)
NOLA_ _012_ _	172,0	26.953	157	172,0	25.914
NOLA_ _022_ _	239,0	36.003	151	239,0	34.616
NOLA_ _032_ _	291,0	42.554	146	291,0	40.914

POWER AND OPTICAL FLUX | H
 (T_{amb}=25°C)

CODE	Power (W)	4000K		3000K	
		Flux (lm)	Efficiency	Power (W)	Flux (lm)
NOLA_ _012_ _	172,0	27.671	161	172,0	26.605
NOLA_ _022_ _	239,0	36.963	155	239,0	35.539
NOLA_ _032_ _	291,0	43.688	150	291,0	42.005

POWER AND OPTICAL FLUX | 13
 (T_{amb}=25°C)

CODE	Power (W)	4000K		3000K	
		Flux (lm)	Efficiency	Power (W)	Flux (lm)
NOLA_ _012_ _	172,0	23.908	139	172,0	22.474
NOLA_ _022_ _	239,0	33.221	139	239,0	31.228
NOLA_ _032_ _	291,0	40.449	139	291,0	38.022

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

CODE	Power (W)	4000K		3000K	
		Flux (lm)	Efficiency	Power (W)	Flux (lm)
NOLA_ _012_ _	172,0	23.512	137	172,0	22.102
NOLA_ _022_ _	239,0	32.671	137	239,0	30.711
NOLA_ _032_ _	291,0	39.780	137	291,0	37.393

** Flux tolerance +/- 5%.

Other powers and flows on request.

External connections on request.

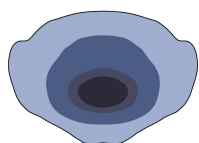
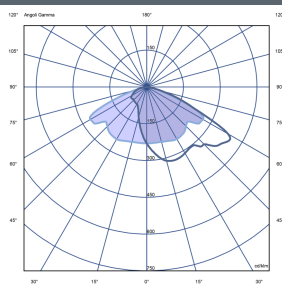
POWER AND OPTICAL FLUX | 40
(T_{amb}=25°C)

CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
NOLA_ _012_ _	172,0	22.016	128	172,0	20.695	120
NOLA_ _022_ _	239,0	30.592	128	239,0	28.756	120
NOLA_ _032_ _	291,0	37.248	128	291,0	35.013	120

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

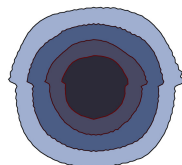
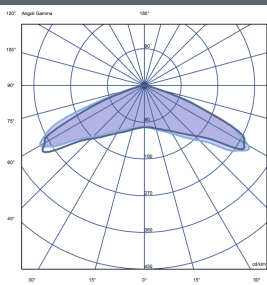
OPTICS

Forward Wide E-L01



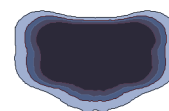
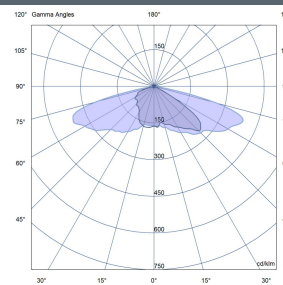
Asymmetrical optics - Very wide beam
L / H = 1,5-2,0

Roto-Wide U-V04



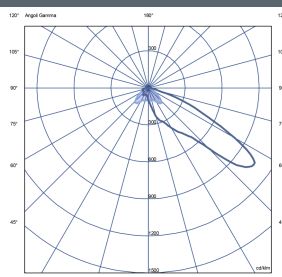
Rotosymmetrical road optics - Wide beam

Front-Back V10

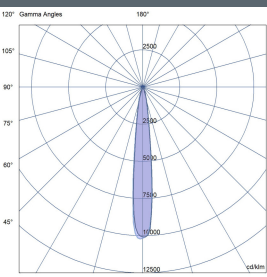


Asymmetrical Street Optics - Front-Back
L / H = 1,2 ÷ 1,5

Asymmetric H-L12

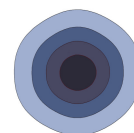
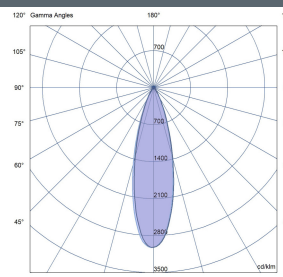


Rotosymmetric 13°



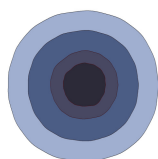
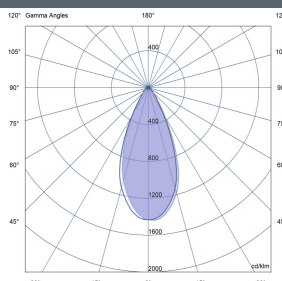
13° Rotosymmetrical Optics

Rotosymmetric 25°



25° Rotosymmetrical Optics

Rotosymmetric 40°



40° Rotosymmetrical Optics

** 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
NOLA	R	8	XX	2	N	A
	E Forward Wide E-L01	2 Warm White 3,000K	01 172	2 Class II (220-240V)	N No Dimming	L Standard
	U Roto-Wide U-V04	8 Neutral White 4,000K	02 239	Versions available on request	M Virtual Midnight**	
	F Front-Back V10	Versions available on request	03 291		Y Zhaga 18 + Virtual Midnight** + CLO	
	H Asymmetric H-L12				L Zhaga 18 + Virtual Midnight**	
	13 Rotosymmetric 13°	1 Cool White 5,500K		1 Class I (120-270V)		
	25 Rotosymmetric 25°	9 Extra Warm White 2,200K			Z Virtual Midnight** + CLO	
	40 Rotosymmetric 40°					

** Flux tolerance +/- 5%.

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