

ASTRO 80 IP67 SOLOVETRO

LIGHT SOURCE

LED quantity	1 - 3		
Power max	1W - 2W - 3W		
Total lumen output (3000K)	1W: Frost.glass - 13 lm	2W: Frost.glass - 18 lm	3W: 15° - 191 lm 30° - 168 lm 60° - 137 lm Ell. lens - 160 lm
Efficacy lm/W (3000K)	1W: Frost.glass - 13 lm/W	2W: Frost.glass - 9 lm/W	3W: 15° - 64 lm/W 30° - 56 lm/W 60° - 46 lm/W Ell. lens - 53 lm/W
CRI	>80		
LED Temperature	2200K - 2700K - 3000K - 4000K		
Average operational life	50.000 hours		

OPTIC

Material	PMMA
Available optics	15° - 30° - 60° - elliptical lens - frosted glass
Beam direction	Fixed
Flux symmetry	Symmetrical, asymmetrical

FIXTURE

Material	Aluminum, Tempered glass
Available finishes	Hard coat anodized: 3 - Gray 4 - Black Z - Champagne Gold
IP Rate	IP67
Working Temperature	-20° ÷ +40°
Integrated fixing Systems	-

ELECTRICAL FEATURES

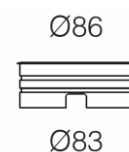
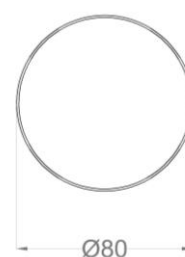
Driver	Remote
Dimmable	Push, 1-10V, DALI
Connection	In series at 350mA - 500mA
Class	III

MECHANICAL FEATURES

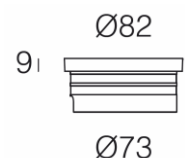
Dimensions	Ø80 x 33 mm
Weight	280 gr
Installation	Wall, floor recessed
Cut-out	Ø83 mm (recessed box in aluminum with edge)
Use	Outdoor

ACCESSORIES

Visors	-
Filters	-
Box/ Frame	Recessed box in aluminum with edge, recessed box in aluminum with closure cap
Fixing system	-



A00487_0 Recessed box in aluminum with edge (installation with aluminum trim)



A00482.30 Recessed box in aluminum with closure cap (trimless installation)

PHOTOMETRIC DATA

Frosted glass – 1W					Frosted glass – 2W					15° Lens – 3W					30° Lens – 3W				
H(m)	D(m)	E _{max} (lx)	E _{av} (lx)		H(m)	D(m)	E _{max} (lx)	E _{av} (lx)		H(m)	D(m)	E _{max} (lx)	E _{av} (lx)		H(m)	D(m)	E _{max} (lx)	E _{av} (lx)	
Frosted glass					Frosted glass					15°					30°				
<u>1.00</u>	0.84	21	11		<u>1.00</u>	0.83	29	16		<u>1.00</u>	0.40	939	579		<u>1.00</u>	0.44	690	426	
<u>2.00</u>	1.68	5	3		<u>2.00</u>	1.67	7	4		<u>2.00</u>	0.80	235	145		<u>2.00</u>	0.89	172	106	
<u>3.00</u>	2.51	2	1		<u>3.00</u>	2.50	3	2		<u>3.00</u>	1.20	104	64		<u>3.00</u>	1.33	77	47	
<u>4.00</u>	3.35	1	1		<u>4.00</u>	3.34	2	1		<u>4.00</u>	1.60	59	36		<u>4.00</u>	1.78	43	27	
<u>5.00</u>	4.19	1	0		<u>5.00</u>	4.17	1	1		<u>5.00</u>	1.99	38	23		<u>5.00</u>	2.22	28	17	
60° Lens – 3W					Elliptical lens – 3W														
H(m)	D(m)	E _{max} (lx)	E _{av} (lx)		H(m)	D(m)	E _{max} (lx)	E _{av} (lx)											
60°					20°x30°														
<u>1.00</u>	0.64	354	210		<u>1.00</u>	0.39	593	368											
<u>2.00</u>	1.27	88	52		<u>2.00</u>	0.79	148	92											
<u>3.00</u>	1.91	39	23		<u>3.00</u>	1.18	66	41											
<u>4.00</u>	2.54	22	13		<u>4.00</u>	1.57	37	23											
<u>5.00</u>	3.18	14	8		<u>5.00</u>	1.97	24	15											

NOTES

Hex louver included.

Recessed box is necessary for installing the fixture correctly.

Provided with 100 cm neoprene cable.



INSTALLATION WITH ALUMINUM TRIM

Aluminum flush to floor recessed box with small edge.



TRIMLESS INSTALLATION

Recessed box with removable cap, designed to make the glass be flush to the ground.