

LIGHT SOURCE

LED quantity	1
Power max	18 W
Total lumen output (3000K CRI>90)	18W: 12° - 1333 lm 18° - 1590 lm 24° - 1490 lm 33° - 1384 lm 52° - 1414 lm
Efficacy lm/W (3000K CRI>90)	18W: 12° - 74 lm/W 18° - 88 lm/W 24° - 83 lm/W 33° - 77 lm/W 52° - 78 lm/W
CRI	>80 - >90 - >95
LED Temperature	2200K CRI>90-2400K CRI>90 -2700K CRI>90 -2700K CRI>95 3000K CRI>80 - 3000K CRI>90 - 3000K CRI>95 3500K CRI>90- 3500K CRI>95 - 4000K CRI>90
Average operational life	50.000 hours

OPTIC

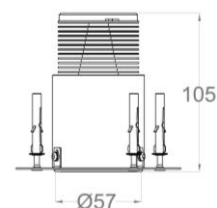
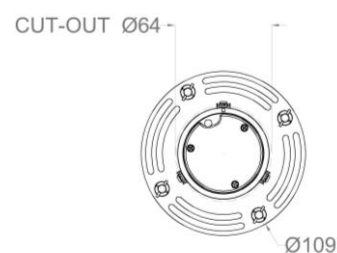
Material	PMMA
Available optics	12° - 18° - 24° - 33° - 52°
Beam direction	Fixed
Flux symmetry	Symmetrical

FIXTURE

Material	Aluminum
Available body finishes	Powder coated: S - Warm white (RAL 9010) 7 - White (RAL 9003) A6 - Gray white (RAL 9002) C - Gothic cement (RAL 7033) G3 - Gray (RAL 7012) G7 - Beige Gray (RAL 7006) M8 - Brown (RAL 8019) H - Black (RAL 9005)
Available decorative ring finishes	Chrome plated: 1 - Gold chrome 1 - Shiny chrome 8 - Satin gold Nickel plated: N - Satin nickel Hard coat anodized: 4 - Black
IP Rate	IP40
Working Temperature	-20° ÷ +40°
Integrated fixing Systems	-

ELECTRICAL FEATURES

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



Decorative Rings



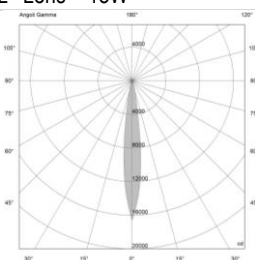
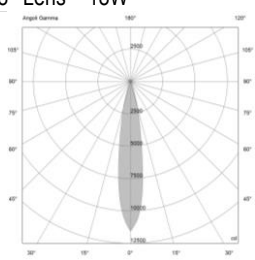
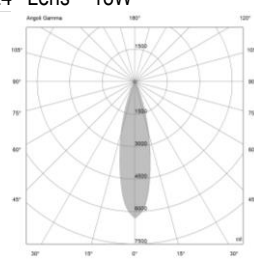
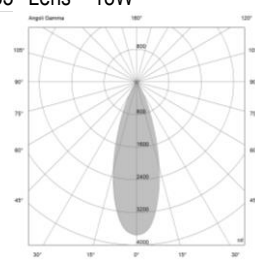
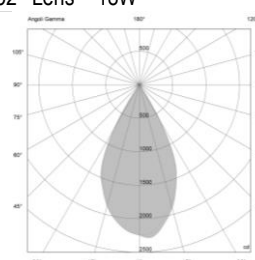
MECHANICAL FEATURES

Dimensions	Ø109 x 105 mm (within frame)
Weight	430 gr
Installation	Wall, ceiling recessed
Cut-out	Ø64 mm
Use	Indoor

ACCESSORIES

Interchangeable lenses	18°, 24°, 33°, 52°
Filters	Hex louver, elliptical filter, prismatic filter, softening lens
Decorative rings	Gold chrome, shiny chrome, satin gold, satin nickel, black
Visors	-
Box/ Frame	Frame (A01234.30)
Installation tool	Hole saw (A00830.H0)

PHOTOMETRIC DATA

12° Lens – 18W							
							
H(m)	D(m)	E _{max} (lx)	E _{av} (lx)				
12°							
<u>1.00</u>	0.24	16659	10281				
<u>2.00</u>	0.47	4165	2570				
<u>3.00</u>	0.71	1851	1142				
<u>4.00</u>	0.94	1041	643				
<u>5.00</u>	1.18	666	411				
18° Lens – 18W				24° Lens – 18W			
							
H(m)	D(m)	E _{max} (lx)	E _{av} (lx)	H(m)	D(m)	E _{max} (lx)	E _{av} (lx)
18°				24°			
<u>1.00</u>	0.32	11578	7316	<u>1.00</u>	0.45	6303	3878
<u>2.00</u>	0.63	2894	1829	<u>2.00</u>	0.91	1576	969
<u>3.00</u>	0.95	1286	813	<u>3.00</u>	1.36	700	431
<u>4.00</u>	1.27	724	457	<u>4.00</u>	1.82	394	242
<u>5.00</u>	1.58	463	293	<u>5.00</u>	2.27	252	155
33° Lens – 18W				52° Lens – 18W			
							
H(m)	D(m)	E _{max} (lx)	E _{av} (lx)	H(m)	D(m)	E _{max} (lx)	E _{av} (lx)
33°				52°			
<u>1.00</u>	0.61	3761	2290	<u>1.00</u>	0.99	2275	1221
<u>2.00</u>	1.21	940	573	<u>2.00</u>	1.98	569	305
<u>3.00</u>	1.82	418	254	<u>3.00</u>	2.98	253	136
<u>4.00</u>	2.43	235	143	<u>4.00</u>	3.97	142	76
<u>5.00</u>	3.08	150	92	<u>5.00</u>	4.96	91	49

NOTES

12° lens not interchangeable.

Frame (A01234.30) is necessary for installing the fixture correctly: *please specify always 1 frame for each Saturno AF in the purchase order.*

Hole saw (A00830.H0) available for easy installation.
