

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

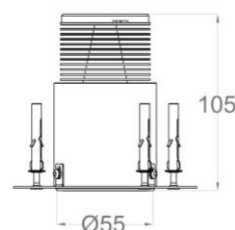
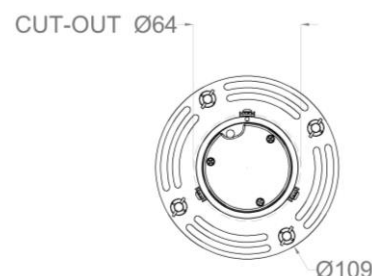
Material	PMMA
Available optics	12° - 18° - 24° - 33° - 52°
Beam direction	Fixed
Flux symmetry	Symmetrical

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



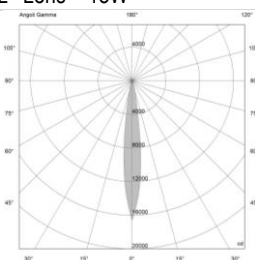
MECHANICAL FEATURES

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				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)	H(m)	D(m)	E_{max}(lx)	E_{av}(lx)	H(m)	D(m)	E_{max}(lx)	E_{av}(lx)
18°				24°				33°				52°			
1.00	0.32	11578	7316	1.00	0.45	6303	3878	1.00	0.61	3761	2290	1.00	0.99	2275	1221
2.00	0.63	2894	1829	2.00	0.91	1576	969	2.00	1.21	940	573	2.00	1.98	569	305
3.00	0.95	1286	813	3.00	1.36	700	431	3.00	1.82	418	254	3.00	2.98	253	136
4.00	1.27	724	457	4.00	1.82	394	242	4.00	2.43	235	143	4.00	3.97	142	76
5.00	1.58	463	293	5.00	2.27	252	155	5.00	3.08	150	92	5.00	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.
