

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

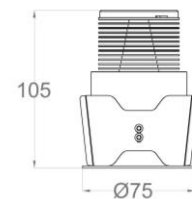
Material	PMMA
Available optics	12° - 18° - 24° - 33° - 52°
Beam direction	Fixed
Flux symmetry	Symmetrical

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	Ø105 x 75 mm (within frame)
Weight	480 gr
Installation	Wall, ceiling recessed
Cut-out	Ø67 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 (A01235_0)
Installation tool	-

PHOTOMETRIC DATA

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

NOTES

12° lens not interchangeable.

Frame (A01235_0) is necessary for installing the fixture correctly: *please specify always 1 frame for each Saturno Am in the purchase order.*
