

SATURN 3100



Ring shaped suspended direct or direct/indirect luminaire. Top quality SMD LED modules with colour consistency MacAdams ≤ 3 , extensive portfolio of lumen ranges, CCTs and spectra. Variety of drivers: standard EVG on/off, DALI and wireless controlled as MasterConnect or Casambi on request. Built-in or remote, wireless occupancy & daylight sensor available to allow significant energy savings and wireless connectivity. Mounting on any type of ceiling. Body is made of rolled aluminium profile. Standard colour RAL 9003S, any other colour from basic RAL range available at no extra cost. Variety of diffusers, lumen outputs and drivers allows to use this luminaire in different types of lighting projects.

Luminous flux & Luminaire Power tolerance up to 10%. System power consumption depends on components used. Luminous efficacy depends on type of LED's, electronics, optics and diffuser. The most up to date technical parameters can be found on our website and in database of LDT files.

Lighting direction:



PDF datasheet:



SATURN 3100

Mounting:	Suspended
Body material:	Aluminium profile
Colour:	Standard white RAL 9003S, other RAL colours on request
Lumen output:	Standard up to 30.000 lm, any other on request
LED module:	Signify (Philips), Tridonic or equivalent SMD LED module
Colour temperature:	3000/4000K/2700-6500K TW, other on request
Colour Rendering:	CRI>80 in standard, other on request
Driver:	EVG on-off/DALI/TW DT8/MC (MasterConnect)/Casambi, other on request
Wireless control:	Philips MasterConnect / Casambi, other on request
Daylight/Occupancy sensor:	Built-in XC sensor or wireless MCS sensor
Emergency unit:	On request
Operating temperature range:	0°C ... +35°C
IP Class:	IP20 in standard
Power:	220-240V 50/60Hz
Lighting direction:	Direct, direct/indirect lighting
Light distribution:	Symmetric
Diffuser:	OP white acrylic, MP19H microprismatic UGR<19
Beam angle:	All types available in our LDT file database
Warranty:	5 Years standard warranty

SATURN 3100 PND DN suspended, light down

SATURN 3100 PND UP_DN suspended, light up & down



Energy saving MasterConnect wireless lighting control system with daylight and movement detection technology on request.



Zigbee



Bluetooth

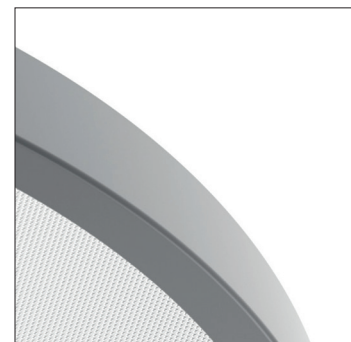
All current index numbers, lumen outputs, power consumption and many other technical information are available in our 2024 pricelist. Details on wireless lighting control systems on page number 896.



XC daylight&occ sensor



OP opal diffuser



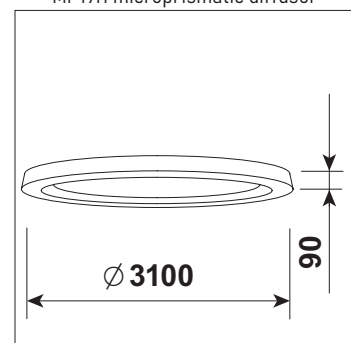
MP19H microprismatic diffuser



MCS wireless daylight&occ sensor



XCS wireless switch



Basic dimensions



SATURN 3100

Product code	Product name	Gross Lumen [lm]	Nett Lumen [lm]	Power [W]	Efficacy [lm/W]	Colour temperature [K]	Optics	Diameter [mm]	Height [mm]	Nett Weight [kg]
Suspended, light down (suspension set and power cable with ceiling cup included)										
50.02360.83.E.OP	SATURN 3100 PND DN 36300lm / 830 / E / OP	36300	25410	221	115	3000	Symmetrical	Ø 3100	85	29,5
50.02360.84.E.OP	SATURN 3100 PND DN 36300lm / 840 / E / OP	36300	25410	221	115	4000	Symmetrical	Ø 3100	85	29,5
Suspended, light up / down, reflected light only (suspension set and power cable with ceiling cup included)										
50.02370.83.E.OP	SATURN 3100 PND UP/DN 36300lm / 830 / E / OP	36300	25410	221	115	3000	Symmetrical	Ø 3100	85	29,5
50.02370.84.E.OP	SATURN 3100 PND UP/DN 36300lm / 840 / E / OP	36300	25410	221	115	4000	Symmetrical	Ø 3100	85	29,5