

PLAFO 455 REC



Round recessed luminaire. Top quality SMD LED module 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 into any type of suspended ceiling. Body is made of aluminium and steel. Standard colour RAL 9003M any other colour from basic RAL range available at no extra cost. Selection 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:



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Mounting:	Recessed mounting
Body material:	Steel and aluminium
Colour:	Standard white RAL 9003S, other RAL colours on request
Lumen output:	Standard up to 5000 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/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:	IP40 in standard
Power:	220-240V 50/60Hz
Lighting direction:	Direct
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

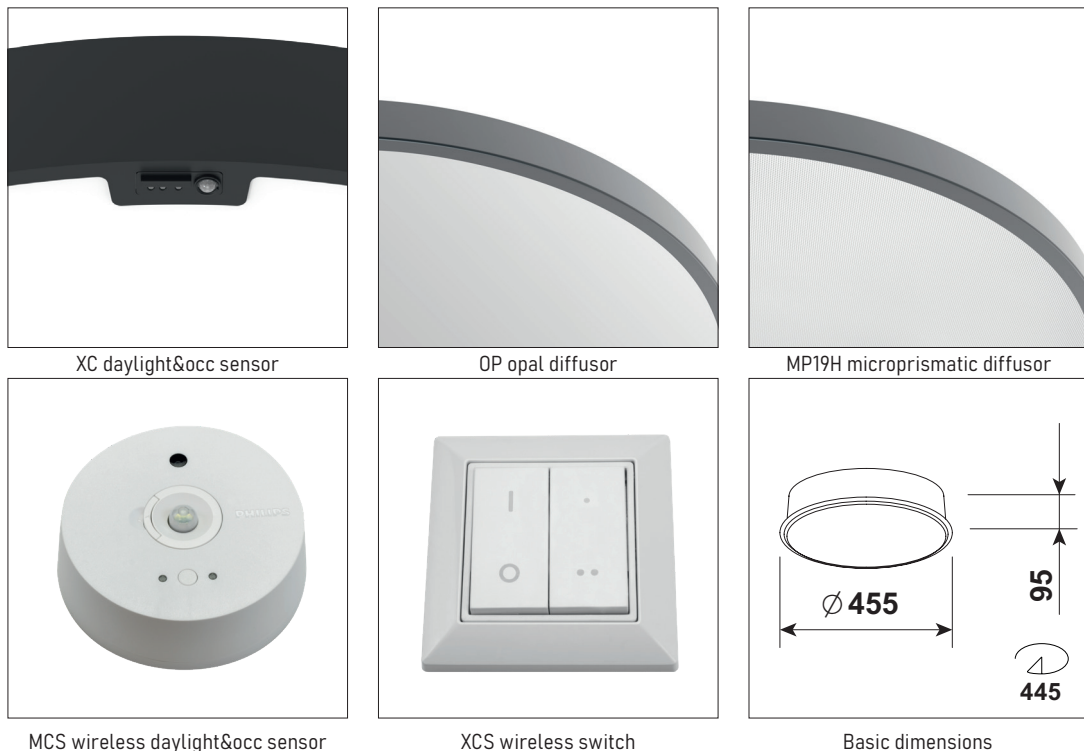
PLAFO 455 REC recessed mounted, light down



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



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.





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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]
40.02180.83.E.OP	PLAFO 455 REC / 5500 lm / 830 / E / OP	5500	4428	35	127	3000	Symmetrical	Ø 455	95	3,7
40.02180.84.E.OP	PLAFO 455 REC / 5500 lm / 840 / E / OP	5500	4428	35	127	4000	Symmetrical	Ø 455	95	3,7
40.02180.83.E.MPH	PLAFO 455 REC / 5500 lm / 830 / E / MPH	5500	4125	35	118	3000	Symmetrical	Ø 455	95	3,7
40.02180.84.E.MPH	PLAFO 455 REC / 5500 lm / 840 / E / MPH	5500	4125	35	118	4000	Symmetrical	Ø 455	95	3,7