

Prettus IP54

Round modern and functional downlight

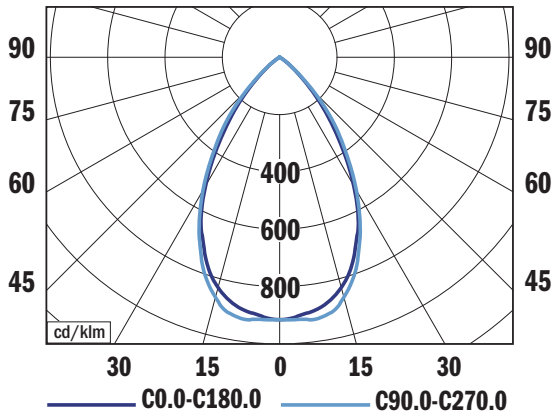
Product description

Prettus presents a series of modern and functional downlights in three dimensions, characterized by a wide range of features and options, which make it ideal for different types of interiors. The polished reflector provides a stronger and more direct light beam, while the matte reflector disperses the light more evenly and creates a softer lighting effect. It uses an optical system that combines a diffuser and a reflector. This combination makes it possible to achieve optimal light distribution and eliminate unwanted glare.

Technical features:

- Optical system: polished reflector + cover (PRT), matt reflector + cover (MRT)
 - Housing: sheet steel
 - Diffuser: microprismatic PMMA
 - Trim: die-cast aluminium
 - Reflector: anodised aluminium
 - Cover: transparent PMMA, on request opal PMMA
 - Chromacity: 3-step MacAdam
 - Colour rendering index: min. 80, on request min. 90
 - Colour temperature: 3000K, 4000K
- Electronic control gear: FIX (ECG), DALI (EDA), on request Emergency unit variant
 - Service lifetime: 100,000 hours/L90/B20 (ta 25°C)
 - Ambient temperature: Ta = -20°C...+35°C
 - Degree of protection: IP20, optical part IP54
 - Dimensions: S ø166 x 113 mm, M ø216 x 116 mm, L ø266 x 139 mm
 - Cutout: S ø154 mm, M ø204 mm, L ø254 mm

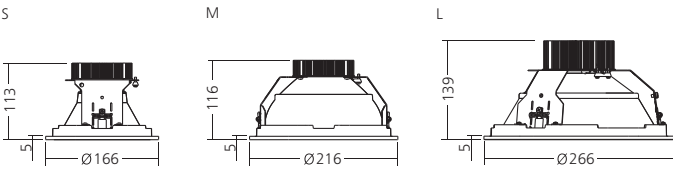
Photometry



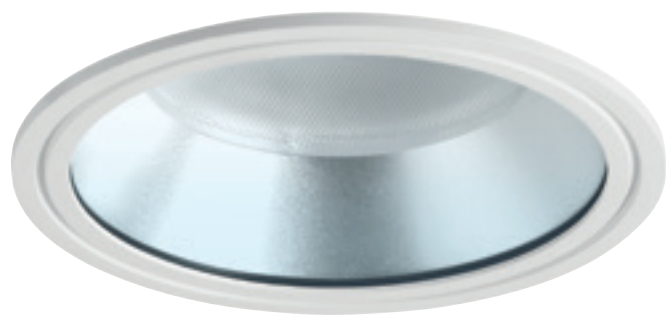
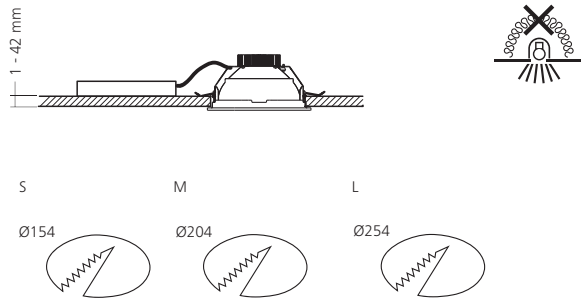
PRETTUS S PRT, 1750 lm 4000 K
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 19

TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS S	1650	15	110	80+	3000	65°	0.8
PRETTUS S	1750	15	117	80+	4000	65°	0.8
PRETTUS S	2150	19	113	80+	3000	65°	0.8
PRETTUS S	2250	19	118	80+	4000	65°	0.8
PRETTUS M	2150	19	113	80+	3000	70°	0.9
PRETTUS M	2250	19	118	80+	4000	70°	0.9
PRETTUS M	2750	24	115	80+	3000	70°	0.9
PRETTUS M	2850	24	119	80+	4000	70°	0.9
PRETTUS L	3250	29	112	80+	3000	65°	1.3
PRETTUS L	3400	29	117	80+	4000	65°	1.3
PRETTUS L	3800	33	115	80+	3000	65°	1.3
PRETTUS L	4000	33	121	80+	4000	65°	1.3

Dimmensions



Mounting



220-240V
50-60Hz

LED

CHROMATICITY
3
SDCM

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

IP
20

IP
54