

# Plast H IP44

Luminaire for versatile use

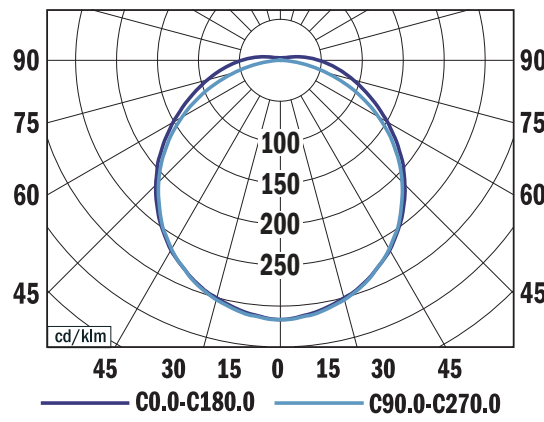
### Product description

The Plast H IP44 luminaire is a versatile lighting solution ideal for corridors, stairs, and storage areas. It boasts a durable polycarbonate diffuser, offering both impact resistance and an IP44 protection rating for water resistance. You can choose between surface or suspended mounting to fit your needs. With a remarkable lifespan exceeding 100,000 hours, guarantees long-lasting and reliable performance, making it a smart investment for your lighting needs.

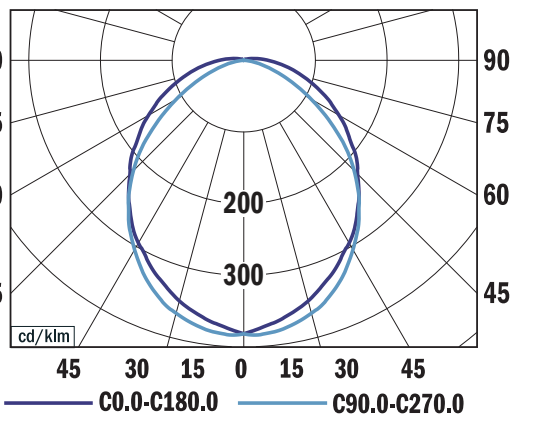
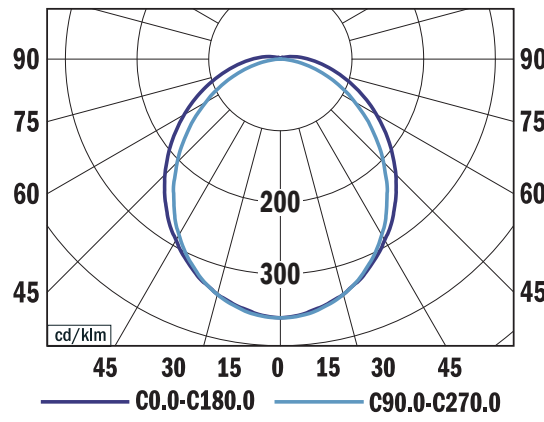
### Technical features:

- Optical system: opal (OPD), prismatic (PRD) or opal with a prismatic structure diffuser (POD)
- Housing: sheet steel
- Diffuser: polycarbonate
- Accesories: rope suspension
- Chomacity: 3-step MacAdam
- Colour rendering index: min. 80
- Colour temperature: 4000K, on request 3000K
- Electronic control gear: FIX (ECG), DALI (EDA)
- Service lifetime: 100,000 hours/L90/B50 (ta 25°C)
- Ambient temperature: Ta = -25°C...+35°C
- Degree of protection: IP44
- Dimmensions: S 596 x 172 x 57 mm, M 1196 x 172 x 57 mm, L 1496 x 172 x 57 mm

### Photometry



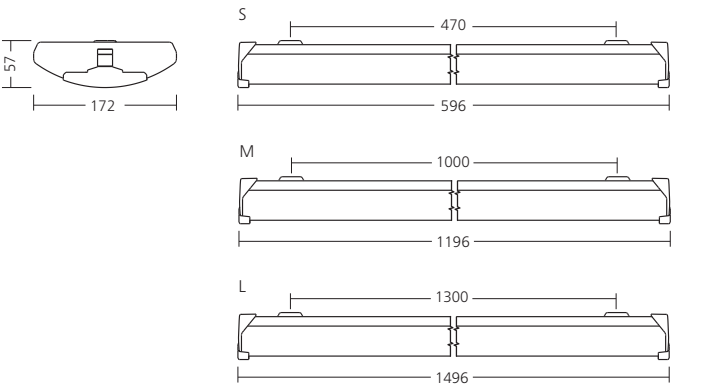
PLAST H IP44 S OPD, 1400 lm 4000 K  
LOR = 100%  
lower flux fraction 96%  
upper flux fraction 4%  
UGR < 25



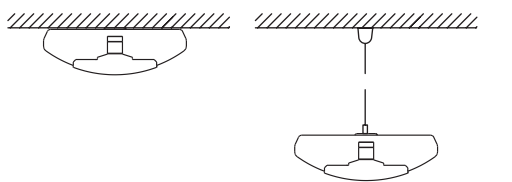
PLAST H IP44 S PRD, 2650 lm 4000 K  
LOR = 100%  
lower flux fraction 98%  
upper flux fraction 2%  
UGR < 28

PLAST H IP44 S POD, 2400 lm 4000 K  
LOR = 100%  
lower flux fraction 97%  
upper flux fraction 3%  
UGR < 25

### Dimmensions



### Mounting



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)
PLAST H IP44 S OPD	1500	18	83	80+	4000	105°	1.7
PLAST H IP44 M OPD	3600	41	88	80+	4000	105°	3.1
PLAST H IP44 L OPD	4450	51	87	80+	4000	105°	3.8
PLAST H IP44 S PRD	2650	18	147	80+	4000	115°	1.7
PLAST H IP44 M PRD	6500	41	159	80+	4000	115°	3.1
PLAST H IP44 L PRD	8150	51	160	80+	4000	115°	3.8
PLAST H IP44 S POD	2400	18	133	80+	4000	110°, 100°	1.7
PLAST H IP44 M POD	5850	41	143	80+	4000	110°, 100°	3.1
PLAST H IP44 L POD	7350	51	144	80+	4000	110°, 100°	3.8

S



M



L

