

Eso D-I

Clean design of function and aesthetics

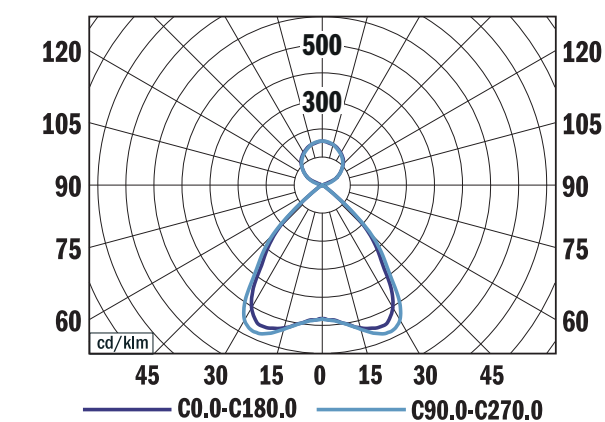
Product description

The ESO D-I luminaire offers a unique blend of function and aesthetics. Its innovative distribution system directs 60% of light downwards for focused illumination, while the remaining 40% is directed upwards for a balanced and comfortable atmosphere. The UGR rating of less than 16 ensures minimal glare, making it ideal for offices, classrooms, and other work environments. The luminaire combines black or white lenses and louvers in the direct section, paired with a transparent diffuser for indirect light. This creates a visually striking effect while delivering optimal light distribution.

Technical features:

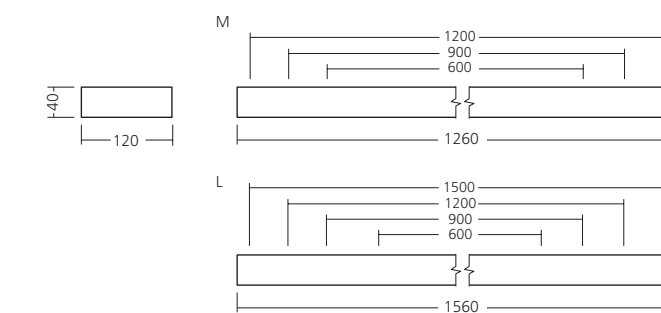
- Mounting: Suspended
- Optical system: Direct: lenses + black louver (LBL), on request white louver (LWL), Indirect: transparent diffuser
- Beam angle: 90°, on request 65° or asymmetric
- Housing: sheet steel
- Lenses: PMMA
- Louver: polycarbonate
- Diffuser: PMMA
- Accessories: rope suspension RS-S 58
- Chromacity: 3-step MacAdam
- Colour rendering index: min. 80
- Colour temperature: 3000K, 4000K
- Electronic control gear: FIX (ECG), DALI (EDA), on request Emergency unit
- Service lifetime: 100,000 hours/L80/B10 (ta 25°C)

Photometry

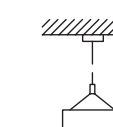


ESO D-I M 90°, 6100 lm 4000 K
 LOR = 100%
 lower flux fraction 60%
 upper flux fraction 40%
 UGR < 16

Dimensions



Mounting



- Ambient temperature: Ta = -25°C...+35°C
- Degree of protection: IP20
- Dimensions:
 M 1260 x 120 x 40 mm
 L 1560 x 120 x 40 mm

90° black louver (LBL)



60° black louver (LBL)



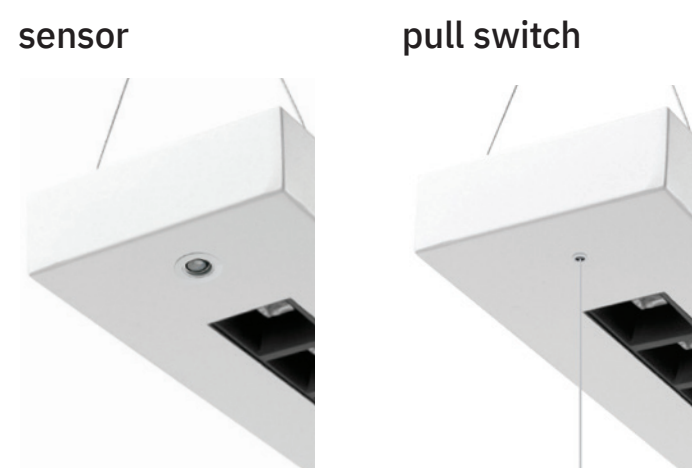
90° white louver (LWL)



60° white louver (LWL)



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	CRI	CCT (K)
ESO D-I M	5750	37	155	80+	3000
ESO D-I M	6100	37	165	80+	4000
ESO D-I M	7800	50	156	80+	3000
ESO D-I M	8250	50	165	80+	4000
ESO D-I L	6400	41	156	80+	3000
ESO D-I L	6800	41	166	80+	4000
ESO D-I L	8900	57	156	80+	3000
ESO D-I L	9450	57	166	80+	4000



RS-S 58 L150 SQ (square shape) or RD (round shape)

