

LED DOWNLIGHT QUARTZ

Luminaire body

- Comprised of visible structural frame of polymer injection with high mechanical resistance in matt white colour.
- Recess mounted using quick-fit brackets for ceiling thickness between 6 and 31 mm.
- The standard supply has 1-10 V adjustable electronic starter gear and mounting kit.
- IP40 in the visible face of the luminaire.
- Input voltage: 110/230 V - 50/60 Hz.
- On request, DALI version.

Optical system

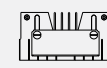
- Semi-recessed micro structured opal diffuser with quartz effect.
- The optical assembly provides a total light homogeneity.

DIMENSIONS

Measurements in millimeters

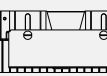
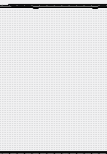
QUARTZ S2

130



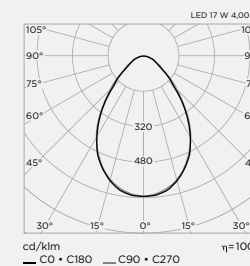
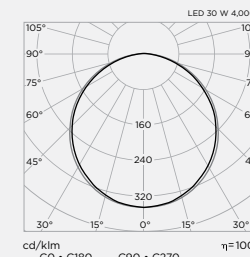
QUARTZ M2

195



LUMINAIRES

Lamp	W	Colour Temperature	CRI	Light output	Kg	Reference
QUARTZ S2 • Recessed Downlight with microprismatic diffuser. In matt white colour						
HO						
LED	17	3,000 K	85	1,100 lm	1.0	3672172000HOSBM
LED	17	4,000 K	82	1,210 lm	1.0	3672172002HOSBM
QUARTZ M2 • Recessed Downlight with microprismatic diffuser. In matt white colour						
HO						
LED	30	3,000 K	85	2,002 lm	2.3	3672302000HOMBM
LED	30	4,000 K	82	2,200 lm	2.3	3672302002HOMBM



COMPARATIVE

Lighting results	Fluorescence 2 TC-TELI 26 W	QUARTZ S2 LED 17 W 4,000 K
VEE (W/m ²)	9.72	2.95
VEEI (W/m ² /100 lux)	5.72	2.45
Em (lux)	150	120
Emin/Em	0.45	0.50

SOLUTION

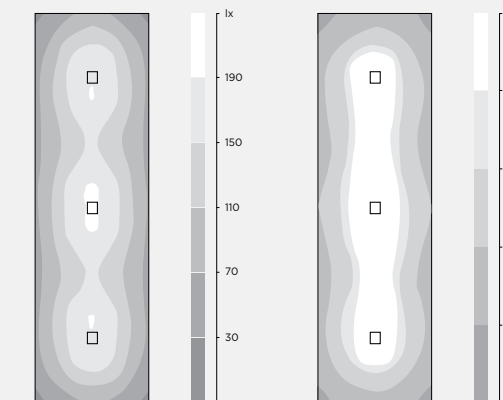
General lighting

Current solution
Transit areas

Proposed solution
Transit areas

Calculation conditions

Local height	2.8 m
Fixture height of the luminaire	2.8 m
Size	17,28 m ²
Maintenance factor	0.80
Reflectances	70/50/20



INSTALLED POWER

168 W

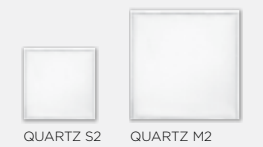
51 W

Installed power

-70%



APPLICATIONS



Corridors



Transit areas



Bathrooms



Hospitals (public areas)



Shops

Total integration.
Efficacy
up to 73 lm/W



□ Ceiling cut-out: 195,5x195,5 mm (QUARTZ M2) and 130x130 mm (QUARTZ S2)

