Design iGuzzini / Arup

iGuzzini

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round large body spotlight - spot



# Product code Q307

# Technical description

Indoor adjustable spotlight with adapter for installation on a three-phase/DALI track. Device made of die-cast aluminium and a front part made of a thermoplastic material. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Optical assembly consisting of Neutral White tone 4000K LEDs with OPTIBEAM LENS technology and a well-defined spot light beam. Dimmable DALI driver built-in to box with a semi-hidden system on track. Option of installing a range of flat accessories including an OPTIBEAM REFRACTOR for varying light distribution, an elliptical distribution refractor, a louver, a soft lens and an outdoor accessory like an asymmetric visor for eliminating stray light dispersion on the ceiling.



#### Installation

On a three-phase/DALI electrified track

### Dimension (mm)

Ø156x194

#### Colour

Black (04) | Black/White (47)

#### Weight (Kg)

1.66

## Mounting

dali track|three circuit track

#### Wiring

Product complete with DALI dimmable components, housed in a semi-hidden box on the track.

Complies with EN60598-1 and pertinent regulations

















### Product configuration: Q307

## Product characteristics

Total lighting output [Lm]: 3045

Total power [W]: 29

Luminous efficacy [Lm/W]: 105

Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: / Voltage [V]: -

Number of optical assemblies: 1

# Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 87

Lamp code: LED ZVEI Code: LED Nominal power [W]: 25 Nominal luminous [Lm]: 3500 Lamp maximum intensity [cd]: /

Beam angle [°]: 16°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 4 Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 2

# Polar

| Imax=25501 cd | Lux |     |      |      |
|---------------|-----|-----|------|------|
| 90° 180° 90°  | h   | d   | Em   | Emax |
|               | 2   | 0.6 | 4954 | 6375 |
|               | 4   | 1.1 | 1239 | 1594 |
| 28000         | 6   | 1.7 | 550  | 708  |
| α=16°         | 8   | 2.2 | 310  | 398  |