

Last information update: November 2024

Product configuration: R545.D8+QX50.01

R545.D8: iN60 Space - LED module - L 1192 - UP (40%) DOWN (60%) emission - General Light - warm - DALI - White / transparent
QX50.01: iN60 MMO - Up and Down Module - Minimal - L= 1192 - 3000K - CRI 90 - White



Product code

R545.D8: iN60 Space - LED module - L 1192 - UP (40%) DOWN (60%) emission - General Light - warm - DALI - White / transparent

Technical description

LED module designed to be housed in iN60 system profiles - Up (40%) / Down (60%) light distribution - made up of an emission raster, lamp device and operating components. Version for general light emission. UP: translucent shaped PC diffuser screen. DOWN: high efficiency emission with a translucent textured thermoplastic raster, created with a catadioptric system (patented Opti Beam Diamond optic) - with no galvanic treatments - combined with a PP cover with a gloss finish and an additional diffuser screen. The resulting optic system generates an extremely elegant and professional light emission. Integrated DALI dimmable driver.

Installation

Module insertion on compartments with a mechanical easy-push system (steel snap-on springs).

Colour

White Transparent (D8)

Weight (Kg)

0.93

Wiring

Quick coupling input terminal block connection. LED module complete with integrated DALI control gear. The electrical cables used are made of a "halogen free" material.

Complies with EN60598-1 and pertinent regulations



Product code

QX50.01: iN60 MMO - Up and Down Module - Minimal - L= 1192 - 3000K - CRI 90 - White

Technical description

The L profile=1192 mm is made of extruded aluminium. This is the Minimal version for up (3000K and CRI90) and down emission. The product can be used for pendant applications; in both a stand alone version and when the product is used in continuous lines.

Installation

Installation can be pendant-mounted using suitable accessories to be ordered separately. The modules are completed with end caps and rasters with LEDs to be ordered separately.

Colour

White (01)

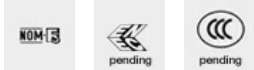
Weight (Kg)

2

Mounting

ceiling recessed|wall surface|ceiling pendant

Complies with EN60598-1 and pertinent regulations



Im system:	5767	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	45.5	Lamp code:	LED
Im source:	6950	Number of lamps for optical assembly:	1
W source:	41	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	126.7	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	1892	Inrush current:	53 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	83	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 8 luminaires B16A: 13 luminaires C10A: 13 luminaires C16A: 22 luminaires
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	3	Control:	DALI-2

lmax=2876 cd C0-180

CIE
 nL 0.83
 76-93-98-67-83
 UGR 17.4-17.3

DIN
 B.63

UTE
 $0.56B + 0.27T$
 $F^*1 = 765$
 $F^*1 + F^*2 = 930$
 $F^*1 + F^*2 + F^*3 = 983$