

Last information update: April 2025

Product configuration: RU05+RU45+PT18

PT18: Plate with Neutral White LED - Downlight - General Light HO - DALI - L=3588

**Product code**

PT18: Plate with Neutral White LED - Downlight - General Light HO - DALI - L=3588

Technical description

Neutral White LED plate with direct (Down) light emission. High Output (HO) version for General Light profiles to connect to the relevant Opal screen (single or roll) to be ordered separately. The module optic and structural fittings allow high luminous flux and system efficiency values. Product complete with a "Furukawa" reflective screen that further increases its efficiency. DALI dimmable power supply integrated in the luminaire. Extruded aluminium heat sink and "Halogen Free" electric cables.

Installation

Module insertion on profiles facilitated by a quick coupling system.

Colour

White (01)

Weight (Kg)

2.39

Wiring

Quick coupling terminal block connection to simplify connections between the subsequent modules. Complete with integrated dimmable DALI power supply.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	8828.2	MacAdam Step:	3
W system:	72.1	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
Im source:	11930	Lamp code:	LED
W source:	65	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	122.44	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	74	Inrush current:	24.9 A / 215 µs
Beam angle [°]:	95° / 100°	Minimum dimming %:	1
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	4000	Control:	DALI-2