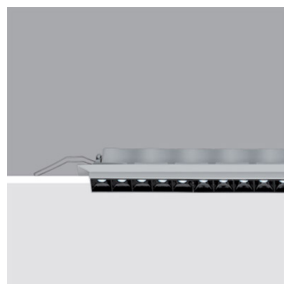


Last information update: February 2024

Product configuration: P144

P144: 15 - cell Frameless Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Spot optic

**Product code**

P144: 15 - cell Frameless Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Spot optic

Attention! Code no longer in production**Technical description**

rectangular miniaturised recessed luminaire with 15 optical elements with LED lamps - fixed optics - spot beam angle. Main body with die-cast aluminium radiant surface; minimal (frameless) version for mounting flush with the ceiling. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with DALI dimmable electronic control gear connected to the luminaire. Warm white high colour rendering LED

Installation

recessed with steel wire springs on the specific adapter (included) which allows flush-mounting with the ceiling. Adapter fixed to false ceiling (12.5 mm thick) with self-tapping screws; subsequent filling and smoothing operations; insertion of luminaire body and aesthetic finishing. Preparation hole 35 x 403

Colour

White (01) | Black (04)

Weight (Kg)

1.1

Mounting

wall recessed|ceiling recessed

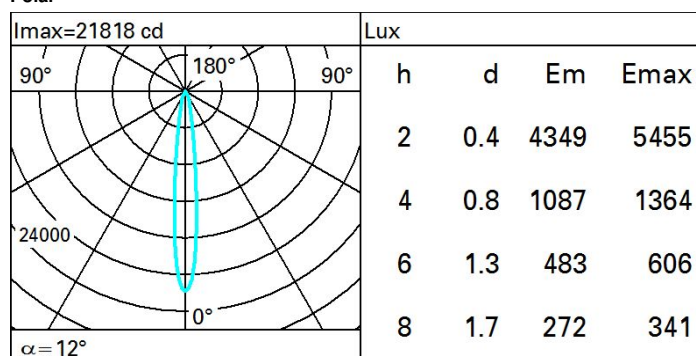
Wiring

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	2015	Colour temperature [K]:	3000
W system:	35	MacAdam Step:	3
lm source:	2550	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
W source:	31	Ballast losses [W]:	4
Luminous efficiency (lm/W, real value):	57.6	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Control:	DALI
CRI:	95		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	75	71	69	67	71	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	79	99
5.0	84	84	84	83	83	82	81	79	100
