

Last information update: April 2025

Product configuration: P446
P446: recessed adjustable



Product code

P446: recessed adjustable

Technical description

Round adjustable luminaire designed for housing 3000K Warm White COB LED light sources with high colour rendering and OPTIBEAM reflector made of thermoplastic material. Rim made of white-coated die-cast aluminium, upper barrel made of black-coated thermoplastic for guaranteeing maximum visual comfort and preventing stray light dispersion, black-coated extruded aluminium heat sink. Medium optic. Adjustable internally around the horizontal axis by 35° and around the vertical axis by 358°. Passive cooling system. Product inclusive of electronic components.

Installation

Recessed installation in false ceilings with 1 mm to 20 mm thickness with steel springs.

Colour
White (01)

Weight (Kg)
1.3

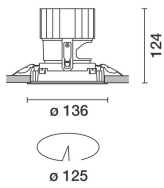
Mounting

ceiling surface

Wiring

Product inclusive of electronic components.

Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	960.0	CRI:	90
W system:	21.0	Colour temperature [K]:	3000
lm source:	2000	MacAdam Step:	2
W source:	18	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25C)
Luminous efficiency (lm/W, real value):	45.71	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]:	0.0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	48	Number of optical assemblies:	1
Beam angle [°]:	12°		