Palco

Design Artec Studio | **iGuzzini**

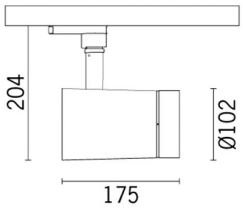
Last information update: April 2025

Product configuration: P632
P632: small body - Warm White DALI - flood optic

Product code
P632: small body - Warm White DALI - flood optic

Technical description
Adjustable spotlight with adapter for installation on mains voltage track for high-performance LED with monochromatic Warm White (3,000K) emission. DALI ballast built-into product. The fitting is made of die-cast aluminium and thermoplastic material. It enables 360° rotation around the vertical axis and 90° inclination with respect to the horizontal plane. It is provided with mechanical locks for orientation, for both rotations, which are applied by using the same tool on two screws, one in lateral position to the rod and one on the track adapter. Passive cooling system. Spotlight able to house up to two flat accessories at the same time. One further external component can be applied, either directional flaps or anti-glare screen. All the external accessories can be rotated by 360° with respect to the longitudinal axis of the spotlight.

Installation
Mounted on electrified track on dedicated base



Colour
White (01) | Black (04)

Weight (Kg)
1.28

Mounting
three circuit track

Wiring
DALI components contained within the fitting

Sistemi_di_controllo_compatibili:
Quick BLE
Quick DALI - Touch display 7"
Quick DALI LMS Quick
Master Pro Evo KNX

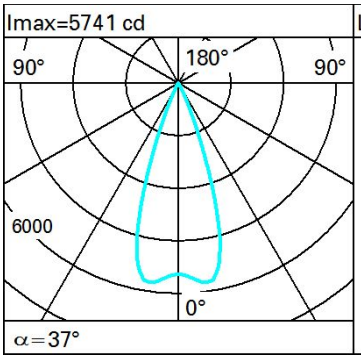
Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

Technical data

lm system:	2064	CRI (minimum):	90
W system:	28.5	Colour temperature [K]:	3000
lm source:	2900	MacAdam Step:	2
W source:	26	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	72.4	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.) [%]:	71	Number of optical assemblies:	1
Beam angle [°]:	38°	Control:	DALI-2

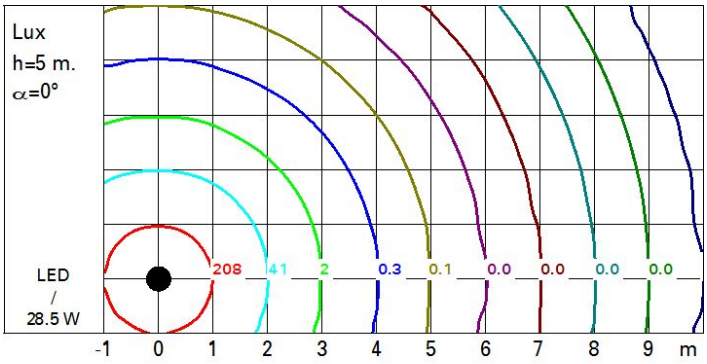
Polar



Lux

h	d	Em	Emax
2	1.3	1199	1400
4	2.7	300	350
6	4	133	156
8	5.4	75	87

Isolux



UGR diagram

Corrected UGR values (at 2900 lm bare lamp luminous flux)

Riflect.: ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed crosswise					viewed endwise		
x	y										
2H	2H	1.4	1.9	1.7	2.2	2.4	1.4	1.9	1.7	2.2	2.4
	3H	1.3	1.8	1.6	2.0	2.3	1.3	1.8	1.6	2.1	2.3
	4H	1.2	1.7	1.6	2.0	2.3	1.3	1.7	1.6	2.0	2.3
	6H	1.2	1.6	1.5	1.9	2.2	1.2	1.6	1.5	1.9	2.2
	8H	1.1	1.5	1.5	1.8	2.2	1.2	1.5	1.5	1.9	2.2
	12H	1.1	1.5	1.5	1.8	2.1	1.1	1.5	1.5	1.8	2.2
4H	2H	1.3	1.7	1.6	2.0	2.3	1.2	1.7	1.6	2.0	2.3
	3H	1.1	1.5	1.5	1.8	2.2	1.1	1.5	1.5	1.8	2.2
	4H	1.0	1.4	1.4	1.7	2.1	1.0	1.4	1.4	1.7	2.1
	6H	1.0	1.2	1.4	1.6	2.1	1.0	1.2	1.4	1.6	2.1
	8H	0.9	1.2	1.3	1.6	2.0	0.9	1.2	1.3	1.6	2.0
	12H	0.9	1.1	1.3	1.5	2.0	0.9	1.1	1.3	1.5	2.0
8H	4H	0.9	1.2	1.3	1.6	2.0	0.9	1.2	1.3	1.6	2.0
	6H	0.8	1.0	1.3	1.5	2.0	0.8	1.0	1.3	1.5	2.0
	8H	0.8	0.9	1.2	1.4	1.9	0.8	0.9	1.2	1.4	1.9
	12H	0.7	0.9	1.2	1.4	1.9	0.7	0.9	1.2	1.4	1.9
12H	4H	0.9	1.1	1.3	1.5	2.0	0.9	1.1	1.3	1.5	2.0
	6H	0.8	0.9	1.2	1.4	1.9	0.8	0.9	1.2	1.4	1.9
	8H	0.7	0.9	1.2	1.4	1.9	0.7	0.9	1.2	1.4	1.9

Variations with the observer position at spacing:

S =			
	1.0H	5.1 / -6.9	5.1 / -6.9
	1.5H	7.9 / -10.4	7.9 / -10.4
	2.0H	9.8 / -17.0	9.8 / -17.0