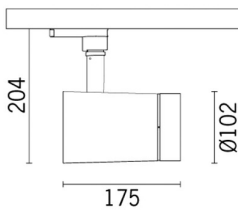


Last information update: April 2025

**Product configuration: P633**

P633: small body - Warm White DALI - wide flood optic

**Product code**

P633: small body - Warm White DALI - wide 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**

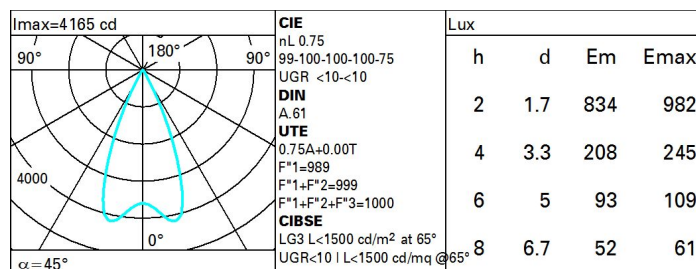
DALI components contained within the fitting

**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

**Technical data**

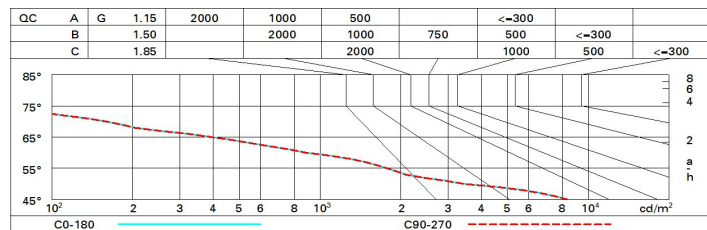
lm system:	2187	CRI (minimum):	90
W system:	28.5	Colour temperature [K]:	3000
lm source:	2900	MacAdam Step:	2
W source:	26	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	76.7	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	75	Number of optical assemblies:	1
Beam angle [°]:	46°	Control:	DALI-2

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	64	62	60	64	61	61	59	78
1.0	71	68	65	64	67	65	65	62	82
1.5	74	72	70	69	71	69	69	67	88
2.0	77	75	74	72	74	73	72	70	93
2.5	78	77	76	75	76	75	74	72	95
3.0	79	78	77	77	77	76	75	74	97
4.0	80	79	79	78	78	78	77	75	99
5.0	81	80	80	79	79	78	77	75	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2900 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	9.1	9.7	9.4	9.9	10.2	9.1	9.7	9.4	9.9	10.2
	3H	9.0	9.5	9.3	9.8	10.0	9.0	9.5	9.3	9.8	10.1
	4H	8.9	9.4	9.2	9.7	10.0	8.9	9.4	9.2	9.7	10.0
	6H	8.8	9.3	9.2	9.6	9.9	8.8	9.3	9.2	9.6	9.9
	8H	8.8	9.2	9.1	9.5	9.9	8.8	9.2	9.2	9.6	9.9
	12H	8.7	9.2	9.1	9.5	9.9	8.8	9.2	9.1	9.5	9.9
4H	2H	8.9	9.4	9.2	9.7	10.0	8.9	9.4	9.2	9.7	10.0
	3H	8.8	9.2	9.1	9.5	9.9	8.8	9.2	9.1	9.5	9.9
	4H	8.7	9.0	9.1	9.4	9.8	8.7	9.0	9.1	9.4	9.8
	6H	8.6	8.9	9.0	9.3	9.7	8.6	8.9	9.0	9.3	9.7
	8H	8.5	8.8	9.0	9.2	9.7	8.5	8.8	9.0	9.2	9.7
	12H	8.5	8.8	8.9	9.2	9.6	8.5	8.8	8.9	9.2	9.6
8H	4H	8.5	8.8	9.0	9.2	9.7	8.5	8.8	9.0	9.2	9.7
	6H	8.4	8.7	8.9	9.1	9.6	8.4	8.7	8.9	9.1	9.6
	8H	8.4	8.6	8.9	9.1	9.6	8.4	8.6	8.9	9.1	9.6
	12H	8.3	8.5	8.8	9.0	9.5	8.3	8.5	8.8	9.0	9.5
12H	4H	8.5	8.8	8.9	9.2	9.6	8.5	8.8	8.9	9.2	9.6
	6H	8.4	8.6	8.9	9.1	9.6	8.4	8.6	8.9	9.1	9.6
	8H	8.3	8.5	8.8	9.0	9.5	8.3	8.5	8.8	9.0	9.5
Variations with the observer position at spacing:											
S =	1.0H	5.1 / -10.3					5.1 / -10.3				
	1.5H	7.8 / -15.6					7.8 / -15.6				
	2.0H	9.8 / -20.9					9.8 / -20.9				