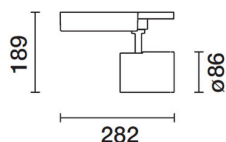


Last information update: April 2024

Product configuration: P676

P676: spotlight - DALI dimmable warm white flood optic

**Product code**P676: spotlight - DALI dimmable warm white flood optic **Attention! Code no longer in production****Technical description**

Adjustable spotlight with adapter for installation on DALI track for LED source with COB technology, Warm White (3000K) emission. DALI control gear housed inside the track-mounted power supply box. The luminaire is made of die-cast aluminium and thermoplastic. OPTI BEAM superpure aluminium reflector with high luminous efficacy and uniform distribution, flood optic. Features 90° inclination on the horizontal plane and 360° rotation around the vertical axis, with mechanical locking device for aiming. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

Installation

The luminaire can be installed on a DALI track or on an appropriate channel incorporating an electrified track.

Colour

White (01) | Black (04)

Weight (Kg)

1.12

Mounting

three circuit track|ceiling surface

Wiring

product inclusive of DALI components incorporated into the track-mounted box.

Complies with EN60598-1 and pertinent regulations

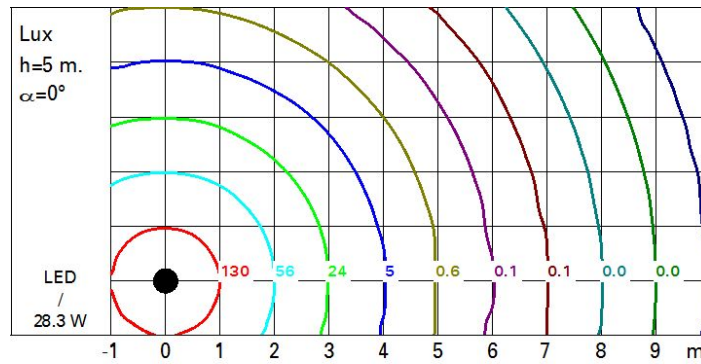
**Technical data**

Im system:	2247	CRI:	90
W system:	28.3	Colour temperature [K]:	3000
Im source:	3000	MacAdam Step:	2
W source:	25	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	79.4	Lamp code:	LED
Im 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 [°]:	40°	Control:	DALI

Polar

Imax=4145 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	1.5	806 1036
			4	2.9	201 259
			6	4.4	90 115
			8	5.8	50 65
$\alpha = 40^\circ$					

Isolux



UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)											
Reflect.:											
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					viewed				
x	y	crosswise					endwise				
2H	2H	20.6	21.3	20.9	21.5	21.8	20.6	21.3	20.9	21.5	21.8
	3H	20.5	21.1	20.8	21.4	21.6	20.5	21.1	20.8	21.4	21.6
	4H	20.4	21.0	20.8	21.3	21.6	20.4	21.0	20.8	21.3	21.6
	6H	20.4	20.9	20.7	21.2	21.5	20.4	20.9	20.7	21.2	21.5
	8H	20.3	20.8	20.7	21.1	21.5	20.3	20.8	20.7	21.1	21.5
	12H	20.3	20.7	20.7	21.1	21.4	20.3	20.7	20.7	21.1	21.4
4H	2H	20.4	21.0	20.8	21.3	21.6	20.4	21.0	20.8	21.3	21.6
	3H	20.3	20.7	20.7	21.1	21.4	20.3	20.7	20.7	21.1	21.4
	4H	20.2	20.6	20.6	21.0	21.4	20.2	20.6	20.6	21.0	21.4
	6H	20.1	20.5	20.5	20.9	21.3	20.1	20.5	20.5	20.9	21.3
	8H	20.1	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2
	12H	20.0	20.3	20.5	20.7	21.2	20.0	20.3	20.5	20.7	21.2
8H	4H	20.1	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2
	6H	20.0	20.2	20.4	20.7	21.2	20.0	20.2	20.4	20.7	21.2
	8H	19.9	20.1	20.4	20.6	21.1	19.9	20.1	20.4	20.6	21.1
	12H	19.9	20.1	20.4	20.5	21.1	19.9	20.1	20.4	20.5	21.1
12H	4H	20.0	20.3	20.5	20.7	21.2	20.0	20.3	20.5	20.7	21.2
	6H	19.9	20.1	20.4	20.6	21.1	19.9	20.1	20.4	20.6	21.1
	8H	19.9	20.1	20.4	20.5	21.1	19.9	20.1	20.4	20.5	21.1
Variations with the observer position at spacing:											
S =	1.0H	5.6 / -18.6					5.6 / -18.6				
	1.5H	8.4 / -23.3					8.4 / -23.3				
	2.0H	10.4 / -25.0					10.4 / -25.0				