Tecnica Pro

Design Bruno Gecchelin **iGuzzini**

Last information update: May 2024

Product configuration: P661
P661: spotlight - warm white medium optic

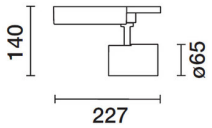
Product code
P661: spotlight - warm white medium optic **Attention! Code no longer in production**

Technical description
Adjustable spotlight with adapter for installation on DALI track. Warm White (3000K) LED source with COB technology. DALI dimmable 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, medium 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 standard track, false ceilings or on an appropriate channel incorporating an electrified track.

Colour
White (01) | Black (04)

Weight (Kg)
0.68



Mounting
three circuit track|ceiling surface

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

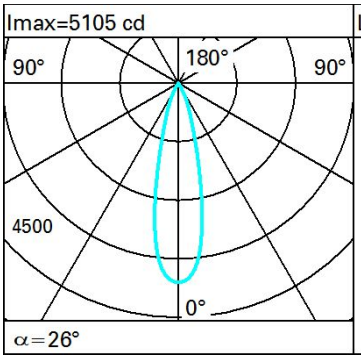
Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

Technical data

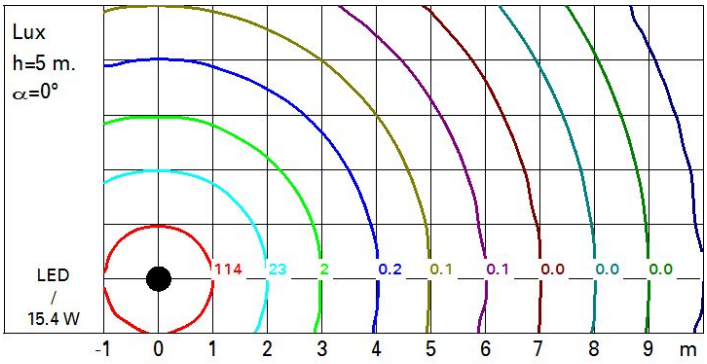
lm system:	1184	CRI:	90
W system:	15.4	Colour temperature [K]:	3000
lm source:	1600	MacAdam Step:	2
W source:	14	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	76.9	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	74	Number of optical assemblies:	1
Beam angle [°]:	26°	Control:	DALI

Polar



Lux			
h	d	Em	Emax
2	0.9	1019	1276
4	1.8	255	319
6	2.8	113	142
8	3.7	64	80

Isolux



UGR diagram

Corrected UGR values (at 1600 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	5.9	8.1	6.3	8.4	8.7	5.9	8.1	6.3	8.4	8.7
	3H	5.9	7.6	6.3	7.9	8.3	5.9	7.6	6.3	7.9	8.2
	4H	5.9	7.3	6.3	7.6	8.0	5.9	7.3	6.3	7.6	8.0
	6H	5.9	6.9	6.3	7.3	7.6	5.9	6.9	6.3	7.3	7.6
	8H	5.8	6.9	6.2	7.2	7.6	5.8	6.9	6.2	7.2	7.6
	12H	5.8	6.8	6.2	7.2	7.6	5.8	6.8	6.2	7.2	7.6
4H	2H	5.9	7.3	6.3	7.6	8.0	5.9	7.3	6.3	7.6	8.0
	3H	6.0	7.0	6.4	7.4	7.7	5.9	7.0	6.3	7.3	7.7
	4H	5.9	6.9	6.3	7.3	7.7	5.9	6.9	6.3	7.3	7.7
	6H	5.5	7.2	6.0	7.6	8.1	5.5	7.2	6.0	7.7	8.1
	8H	5.4	7.3	5.9	7.7	8.2	5.4	7.3	5.9	7.8	8.3
	12H	5.3	7.2	5.8	7.7	8.2	5.3	7.3	5.8	7.7	8.3
8H	4H	5.4	7.3	5.9	7.8	8.3	5.4	7.3	5.9	7.7	8.2
	6H	5.3	7.1	5.8	7.6	8.1	5.3	7.1	5.8	7.6	8.1
	8H	5.3	6.9	5.8	7.4	7.9	5.3	6.9	5.8	7.4	7.9
	12H	5.4	6.4	5.9	6.9	7.5	5.4	6.4	5.9	6.9	7.5
12H	4H	5.3	7.3	5.8	7.7	8.3	5.3	7.2	5.8	7.7	8.2
	6H	5.3	6.9	5.8	7.4	7.9	5.3	6.9	5.8	7.4	7.9
	8H	5.4	6.4	5.9	6.9	7.5	5.4	6.4	5.9	6.9	7.5

Variations with the observer position at spacing:

S =	1.0H	4.4 / -3.3	4.4 / -3.3
	1.5H	7.0 / -5.2	7.0 / -5.2
	2.0H	8.9 / -7.3	8.9 / -7.3