View Opti Linear

Design iGuzzini / Arup **iGuzzini**

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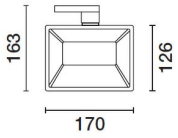
medium body - neutral white - white flood optic

Product code
P639

Technical description
Adjustable spotlight with adapter for installation on electrified track for a linear PCB LED lamp with a Neutral White (4,000K) tone. Product complete with super pure anodized aluminium reflector to guarantee wide flood light distribution. DALI ballast integrated in the body. Die-cast aluminium optical assembly. Rotates 360° about the vertical axis and tilts 90° relative to the horizontal plane. Passive heat dissipation. Option of installing a range of outdoor accessories including an anti-glare and an asymmetric screen.

Installation
On an electrified track or base



Dimension (mm)
170x126

Colour
Black (04) | Black/White (47)

Weight (Kg)
1.35

Mounting
three circuit track|ceiling surface

Wiring
Product complete with electronic components

Complies with EN60598-1 and pertinent regulations

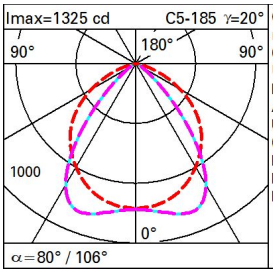
IP20 IP40 for optical assembly

Product configuration: P639

Product characteristics
Total lighting output [Lm]: 2699.7
Total power [W]: 33.4
Luminous efficacy [Lm/W]: 80.8
Life Time: 50,000h - L80 - B10 (Ta 25°C)
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1
Light Output Ratio (L.O.R.) [%]: 90
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 29
Nominal luminous [Lm]: 3000
Lamp maximum intensity [cd]: /
Beam angle [°]: 80° / 106°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.4
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 2

Polar



CIE
nL 0.90
64-92-99-100-90
UGR 26.1-32.0
DIN
A.51
UTE
0.90C+0.00T
F"1=642
F"1+F"2=917
F"1+F"2+F"3=991

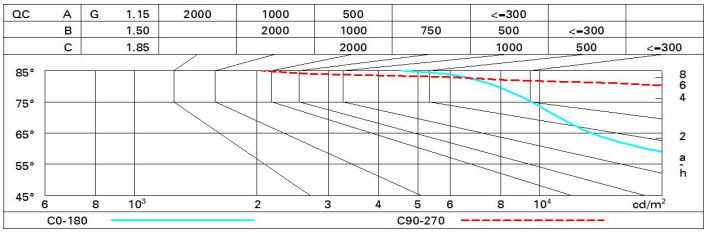
Lux

h	d1	d2	Em	Emax
1	1.7	2.7	820	1222
2	3.4	5.3	205	305
3	5	8	91	136
4	6.7	10.6	51	76

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	66	58	53	49	57	52	52	47	52
1.0	72	65	60	56	63	59	58	53	59
1.5	80	75	70	67	73	69	68	64	71
2.0	85	80	77	74	79	76	75	71	78
2.5	87	84	81	78	82	80	79	75	83
3.0	89	86	84	82	85	82	81	78	86
4.0	91	89	87	85	87	86	84	81	90
5.0	92	91	89	87	89	87	86	82	92

Luminance curve limit



UGR diagram

Corrected UGR values (at 3000 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	25.5	26.4	25.8	26.7	26.9	30.8	31.7	31.1	31.9	32.2
	3H	25.5	26.2	25.8	26.5	26.8	30.8	31.6	31.1	31.9	32.2
	4H	25.4	26.1	25.8	26.4	26.8	30.8	31.5	31.1	31.8	32.1
	6H	25.4	26.0	25.7	26.4	26.7	30.7	31.4	31.0	31.7	32.0
	8H	25.3	26.0	25.7	26.3	26.7	30.6	31.3	31.0	31.6	32.0
	12H	25.3	25.9	25.7	26.3	26.6	30.6	31.2	31.0	31.6	31.9
4H	2H	26.2	27.0	26.6	27.3	27.6	31.9	32.6	32.3	32.9	33.2
	3H	26.2	26.8	26.6	27.1	27.5	32.1	32.7	32.5	33.1	33.4
	4H	26.1	26.7	26.5	27.1	27.4	32.1	32.7	32.5	33.0	33.4
	6H	26.1	26.6	26.5	27.0	27.4	32.1	32.5	32.5	32.9	33.4
	8H	26.1	26.5	26.5	26.9	27.4	32.0	32.5	32.5	32.9	33.3
	12H	26.0	26.4	26.5	26.8	27.3	32.0	32.4	32.4	32.8	33.3
8H	4H	26.3	26.8	26.8	27.2	27.6	32.2	32.6	32.6	33.0	33.5
	6H	26.3	26.6	26.8	27.1	27.6	32.2	32.5	32.7	33.0	33.5
	8H	26.2	26.6	26.7	27.0	27.5	32.2	32.5	32.6	32.9	33.4
	12H	26.2	26.5	26.7	27.0	27.5	32.1	32.4	32.6	32.9	33.4
12H	4H	26.3	26.7	26.8	27.1	27.6	32.1	32.5	32.6	33.0	33.4
	6H	26.3	26.6	26.8	27.1	27.6	32.2	32.5	32.6	32.9	33.4
	8H	26.3	26.5	26.8	27.0	27.5	32.1	32.4	32.6	32.9	33.4

Variations with the observer position at spacing:

S =	1.0H	1.7 / -3.2	0.4 / -0.4
	1.5H	2.7 / -5.4	0.6 / -1.2
	2.0H	3.9 / -6.7	1.5 / -1.8