View Opti Linear

Design iGuzzini / Arup | **iGuzzini**

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Product configuration: P642
P642: large body - neutral white - wide flood optic

Product code
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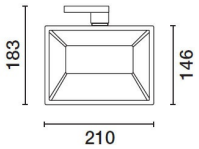
Technical description
Adjustable spotlight with adapter for installation on electrified track for a linear PCB LED lamp with a Neutral White (4,000K) tone. Product complete with super pure anodized aluminium reflector to guarantee wide flood light distribution. DALI ballast integrated in the body. Die-cast 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

Colour	**Weight (Kg)**
Black (04) | Black / White (47)	2.11



Mounting
three circuit track|ceiling surface

Wiring
Product complete with electronic components

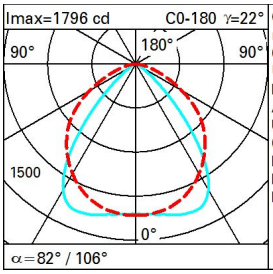
Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

Technical data

lm system:	3813	CRI (minimum):	80
W system:	34.3	Colour temperature [K]:	4000
lm source:	4650	MacAdam Step:	3
W source:	30	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	111.2	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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	82° / 106°	Control:	DALI-2

Polar



CIE
nL 0.82
64-92-99-100-82
UGR 27.3-33.2
DIN
A.51
UTE
0.82C+0.00T
F"1=637
F"1+F"2=917
F"1+F"2+F"3=989

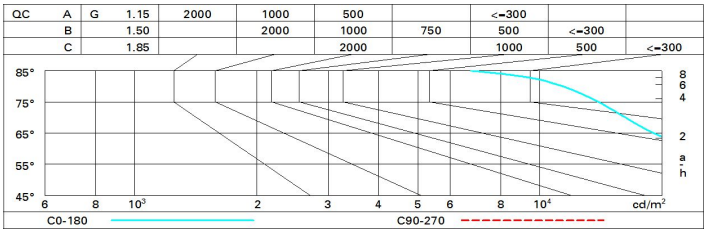
Lux

h	d1	d2	Em	Emax
1	1.7	2.7	1147	1712
2	3.5	5.3	287	428
3	5.2	8	127	190
4	6.9	10.6	72	107

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	60	53	48	44	52	47	47	42	51
1.0	65	59	54	50	58	53	53	48	59
1.5	73	68	64	61	67	63	62	58	71
2.0	77	73	70	67	72	69	68	64	78
2.5	80	76	74	71	75	72	72	68	83
3.0	81	79	76	74	77	75	74	71	86
4.0	83	81	79	77	79	78	76	73	89
5.0	84	82	81	79	81	79	78	75	91

Luminance curve limit



UGR diagram

Corrected UGR values (at 4650 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	26.9	27.8	27.2	28.0	28.3	32.0	32.9	32.3	33.1	33.4
	3H	26.8	27.6	27.1	27.9	28.2	32.0	32.8	32.4	33.1	33.4
	4H	26.8	27.5	27.1	27.8	28.1	32.0	32.7	32.3	33.0	33.3
	6H	26.7	27.4	27.1	27.7	28.0	31.9	32.6	32.2	32.9	33.2
	8H	26.7	27.3	27.1	27.7	28.0	31.8	32.5	32.2	32.8	33.2
	12H	26.6	27.3	27.0	27.6	28.0	31.8	32.4	32.2	32.8	33.1
4H	2H	27.5	28.3	27.9	28.6	28.9	33.2	33.9	33.5	34.2	34.5
	3H	27.5	28.1	27.9	28.4	28.8	33.3	34.0	33.7	34.3	34.7
	4H	27.4	28.0	27.8	28.3	28.7	33.3	33.9	33.7	34.2	34.6
	6H	27.4	27.9	27.8	28.3	28.7	33.3	33.7	33.7	34.2	34.6
	8H	27.3	27.8	27.8	28.2	28.6	33.2	33.7	33.7	34.1	34.5
	12H	27.3	27.7	27.8	28.1	28.6	33.2	33.6	33.6	34.0	34.5
8H	4H	27.6	28.0	28.0	28.4	28.9	33.6	34.0	34.0	34.4	34.9
	6H	27.5	27.9	28.0	28.3	28.8	33.6	33.9	34.0	34.4	34.9
	8H	27.5	27.8	28.0	28.3	28.8	33.5	33.8	34.0	34.3	34.8
	12H	27.5	27.7	28.0	28.2	28.7	33.5	33.8	34.0	34.3	34.8
12H	4H	27.6	28.0	28.0	28.4	28.9	33.6	34.0	34.0	34.4	34.9
	6H	27.5	27.9	28.0	28.3	28.8	33.6	33.9	34.1	34.4	34.9
	8H	27.5	27.8	28.0	28.3	28.8	33.6	33.8	34.1	34.3	34.8

Variations with the observer position at spacing:

S =			
	1.0H	1.7 / -3.4	0.4 / -0.4
	1.5H	2.7 / -5.8	0.6 / -1.2
	2.0H	4.0 / -7.0	1.5 / -1.6