Le Perroquet

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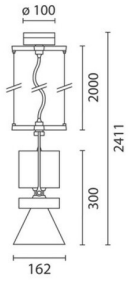
Last information update: September 2020

Product configuration: 3161+L194
3161: Projector complete with electronic control gear 70 W HIT Flood



Product code
3161: Projector complete with electronic control gear 70 W HIT Flood **Attention! Code no longer in production**

Technical description
Die-cast aluminium and thermoplastic material pendant fitting . The suspension system is made up of steel cables (L=2000) and provides simple mechanical anchoring. Rotation and inclination movements may be locked mechanically to guarantee precise positioning of the light beam - also during maintenance operations.

Installation
Ceiling mounted by special standard attachment.

Colour	**Weight (Kg)**
Grey (15)	3.1

Mounting
ceiling pendant

Wiring
Inside the fitting.

Notes
Complete with protection glass and capacitor Complete with adjustable suspension cables and power-supply cable.

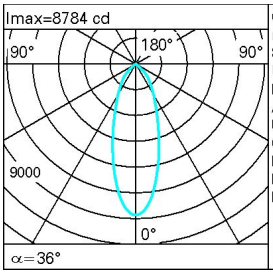
Complies with EN60598-1 and pertinent regulations

850°C IP40 IP40 for optical assembly pending

Technical data

lm system:	5133.4	CRI:	88
W system:	78	Colour temperature [K]:	3000
lm source:	7300	Ballast losses [W]:	8
W source:	70	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	65.8	Lamp code:	L194
		Socket:	G12
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:	HIT-CE
Light Output Ratio (L.O.R.) [%]:	70	Number of optical assemblies:	1
Beam angle [°]:	36°		

Polar



CIE
nL 0.70
88-99-100-100-70
UGR 22.5-22.5
DIN
A.61
UTE
0.70A+0.00T
F"1=884
F"1+F"2=992
F"1+F"2+F"3=999

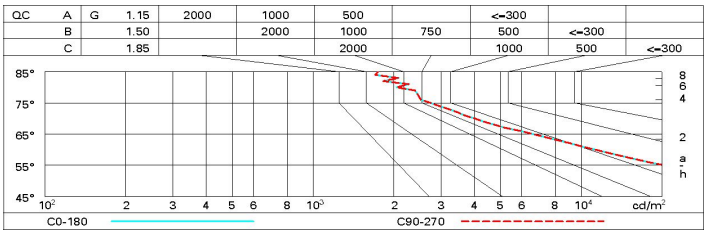
Lux

h	d	Em	Emax
2	1.3	1647	2196
4	2.6	412	549
6	3.9	183	244
8	5.2	103	137

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	60	56	53	50	55	52	52	49	70
1.0	63	59	57	55	59	56	56	53	76
1.5	68	65	63	61	64	62	61	59	83
2.0	70	68	66	65	67	66	65	62	89
2.5	72	70	69	68	69	68	67	65	92
3.0	73	71	70	69	70	69	68	66	94
4.0	74	73	72	71	71	71	70	68	96
5.0	74	74	73	72	72	72	70	69	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 7300 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	23.0	23.7	23.3	24.0	24.2	23.0	23.7	23.3	24.0	24.2
	3H	22.9	23.5	23.2	23.8	24.1	22.9	23.5	23.2	23.8	24.1
	4H	22.8	23.4	23.1	23.7	24.0	22.8	23.4	23.1	23.7	24.0
	6H	22.7	23.3	23.1	23.6	23.9	22.7	23.3	23.1	23.6	23.9
	8H	22.7	23.2	23.1	23.6	23.9	22.7	23.2	23.1	23.6	23.9
	12H	22.6	23.2	23.0	23.5	23.9	22.7	23.2	23.0	23.5	23.9
4H	2H	22.8	23.4	23.1	23.7	24.0	22.8	23.4	23.1	23.7	24.0
	3H	22.7	23.2	23.1	23.5	23.9	22.7	23.2	23.1	23.5	23.9
	4H	22.6	23.1	23.0	23.4	23.8	22.6	23.1	23.0	23.4	23.8
	6H	22.5	22.9	22.9	23.3	23.7	22.5	22.9	22.9	23.3	23.7
	8H	22.5	22.8	22.9	23.3	23.7	22.5	22.8	22.9	23.3	23.7
	12H	22.4	22.8	22.9	23.2	23.7	22.4	22.8	22.9	23.2	23.6
8H	4H	22.5	22.8	22.9	23.3	23.7	22.5	22.8	22.9	23.3	23.7
	6H	22.4	22.7	22.9	23.1	23.6	22.4	22.7	22.9	23.1	23.6
	8H	22.3	22.6	22.8	23.1	23.6	22.3	22.6	22.8	23.1	23.6
	12H	22.3	22.5	22.8	23.0	23.5	22.3	22.5	22.8	23.0	23.5
12H	4H	22.4	22.8	22.9	23.2	23.6	22.4	22.8	22.9	23.2	23.7
	6H	22.3	22.6	22.8	23.1	23.6	22.3	22.6	22.8	23.1	23.6
	8H	22.3	22.5	22.8	23.0	23.5	22.3	22.5	22.8	23.0	23.5

Variations with the observer position at spacing:

S =			
	1.0H	2.4 / -7.1	2.4 / -7.1
	1.5H	4.6 / -10.7	4.6 / -10.7
	2.0H	6.5 / -12.9	6.5 / -12.9