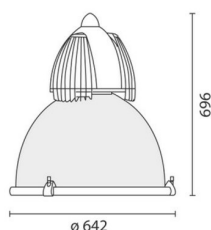


Last information update: September 2020

Product configuration: 4327+1746

4327: Model with aluminium reflector 250 W HIE Flood

**Product code**4327: Model with aluminium reflector 250 W HIE Flood **Attention! Code no longer in production****Technical description**

Internal/external lighting fixture designed for use with 1x250W HIE/T metal halide lamp. Control gear box in die-cast aluminium made up of box and covering flange, complete with cooling fins and fixed with no. 2 steel suspension cables for easy maintenance. Aluminium element supporting the lampholder fixed to the flange by means of no. 3 M4 screws. Focusing device for precise adjustment of the light source by means of 3 nickel-plated brass screws with steel spring. 99.85% superpure aluminium reflector fixed to the flange with hexagonal screws on silicone seal. Metal suspension element. PG11 nickel-plated brass cable-clamp located near the suspension element to guarantee IP65 protection.

Installation

Fixed to the ceiling by means of a base with fischer screws and steel suspension cable with fast-coupling system. The kit for ceiling installation is supplied as an accessory together with the two versions of power supply cable in colour 04 (spiral code 4449 or straight cable code 4447).

Colour

Grey / Aluminium (78)

Mounting

ceiling pendant

Wiring

Wiring for 250W HIE/T metal halide lamp inside the box fixed on a folded and drilled aluminium bracket and fastened to the flange.

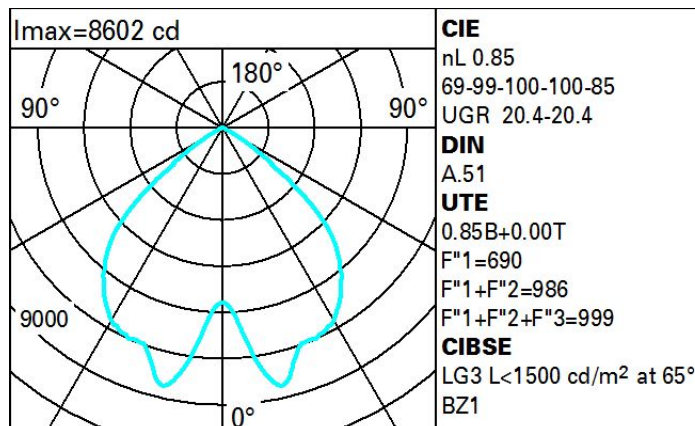
Notes

Complete with glass protection screen. The following accessories are available: safety grill comprising concentric rings (code 4445).

Complies with EN60598-1 and pertinent regulations

**Technical data**

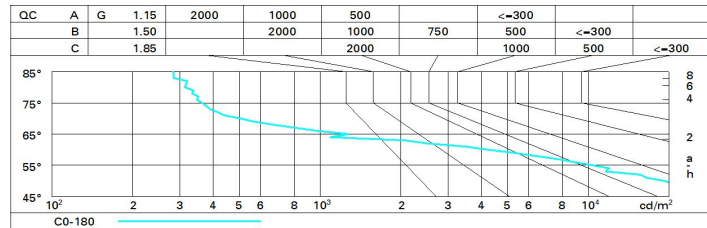
lm system:	16150	Colour temperature [K]:	5200
W system:	275	Ballast losses [W]:	25
lm source:	19000	Voltage [Vin]:	230
W source:	250	Lamp code:	1746
Luminous efficiency (lm/W, real value):	58.7	Socket:	E40
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	HIE
Light Output Ratio (L.O.R.) [%]:	85	Number of optical assemblies:	1
Beam angle [°]:	96°	Ambient operating temperature range:	from -20°C to +35°C.
CRI:	90		

Polar

Utilisation factors

R	77	75	73	71	55	53	31	00	DRR
K0.8	63	56	52	49	55	51	48	47	55
1.0	68	63	59	55	62	58	55	54	63
1.5	76	72	69	66	71	68	65	64	75
2.0	81	78	75	73	76	74	71	70	82
2.5	83	81	78	76	79	77	75	73	86
3.0	85	83	81	79	81	79	77	76	89
4.0	87	85	83	82	83	82	79	78	91
5.0	87	86	84	83	84	83	81	79	93

Luminance curve limit



UGR diagram

Corrected UGR values (at 19000 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling		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											
x y											
2H	2H	20.9	21.7	21.2	21.9	22.2	20.9	21.7	21.2	21.9	22.2
	3H	20.8	21.5	21.1	21.8	22.0	20.9	21.6	21.2	21.8	22.1
	4H	20.7	21.4	21.0	21.7	22.0	20.8	21.4	21.1	21.7	22.0
	6H	20.6	21.2	21.0	21.5	21.9	20.7	21.3	21.1	21.6	22.0
	8H	20.6	21.2	21.0	21.5	21.8	20.7	21.3	21.1	21.6	21.9
	12H	20.6	21.1	20.9	21.4	21.8	20.6	21.2	21.0	21.5	21.9
4H	2H	20.8	21.4	21.1	21.7	22.0	20.7	21.4	21.0	21.7	22.0
	3H	20.7	21.2	21.0	21.5	21.9	20.7	21.2	21.0	21.5	21.9
	4H	20.6	21.0	21.0	21.4	21.8	20.6	21.0	21.0	21.4	21.8
	6H	20.5	20.9	20.9	21.3	21.7	20.5	20.9	20.9	21.3	21.7
	8H	20.4	20.8	20.9	21.2	21.7	20.4	20.8	20.9	21.2	21.7
	12H	20.4	20.7	20.9	21.2	21.6	20.4	20.7	20.9	21.2	21.6
8H	4H	20.4	20.8	20.9	21.2	21.7	20.4	20.8	20.9	21.2	21.7
	6H	20.4	20.7	20.8	21.1	21.6	20.4	20.7	20.8	21.1	21.6
	8H	20.3	20.6	20.8	21.0	21.5	20.3	20.6	20.8	21.0	21.5
	12H	20.3	20.5	20.8	21.0	21.5	20.3	20.5	20.8	21.0	21.5
12H	4H	20.4	20.7	20.9	21.2	21.6	20.4	20.7	20.9	21.2	21.6
	6H	20.3	20.6	20.8	21.0	21.5	20.3	20.6	20.8	21.0	21.5
	8H	20.3	20.5	20.8	21.0	21.5	20.3	20.5	20.8	21.0	21.5
Variations with the observer position at spacing:											
S =		1.0H					1.0 / -2.9				
		1.5H					2.9 / -12.0				
		2.0H					4.8 / -17.0				