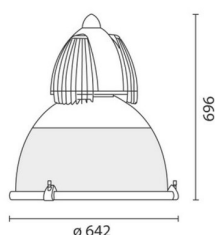


Last information update: September 2020

**Product configuration: 4343+1746**

4343: Direct/indirect light model 250 W HIE

**Product code**4343: Direct/indirect light model 250 W HIE **Attention! Code no longer in production****Technical description**

Internal/external lighting fixture designed for use with 1x250W HIE 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 M3 screws. Focusing device for precise adjustment of the light source by means of 3 nickel-plated brass screws with steel spring. Glass and aluminium reflector fixed to the flange with M5 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 metal halide lamp inside the box fixed on a folded and drilled aluminium bracket and fastened to the flange.

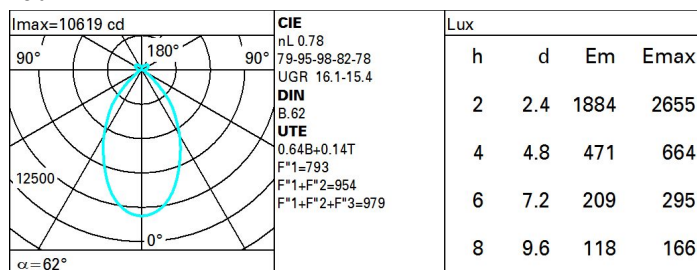
**Notes**

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**

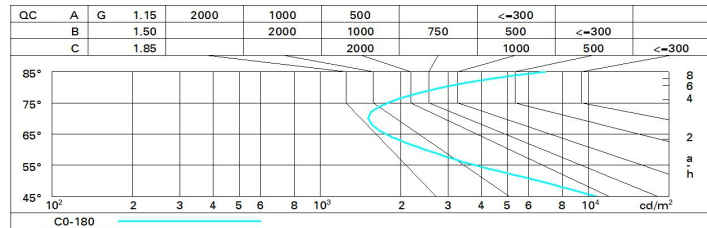
lm system:	14773	Colour temperature [K]:	5200
W system:	275	Ballast losses [W]:	25
lm source:	19000	Voltage [Vin]:	230
W source:	250	Lamp code:	1746
Luminous efficiency (lm/W, real value):	53.7	Socket:	E40
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	2699	ZVEI Code:	HIE
Light Output Ratio (L.O.R.) [%]:	78	Number of optical assemblies:	1
Beam angle [°]:	62°	Ambient operating temperature range:	from -20°C to +35°C.
CRI:	90		

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	57	52	48	45	50	46	45	40	63
1.0	62	56	53	50	54	51	49	44	69
1.5	67	63	60	57	60	57	55	50	78
2.0	70	67	65	62	64	62	59	53	84
2.5	72	70	68	66	66	64	61	56	88
3.0	74	71	70	68	68	66	63	57	90
4.0	75	73	72	70	69	68	65	59	93
5.0	76	74	73	72	70	69	66	60	94

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 19000 lm bare lamp luminous flux)												
Reflect.:												
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	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	0.20
Room dim		viewed					viewed					
x	y	crosswise					endwise					
2H	2H	15.5	16.2	16.0	16.7	17.3	15.5	16.2	16.0	16.7	17.3	
	3H	15.4	16.1	16.0	16.6	17.3	15.4	16.0	16.0	16.6	17.2	
	4H	15.4	16.0	16.1	16.6	17.3	15.3	15.9	15.9	16.5	17.1	
	6H	15.6	16.1	16.2	16.7	17.4	15.2	15.8	15.8	16.4	17.1	
	8H	15.8	16.3	16.4	16.9	17.7	15.2	15.7	15.8	16.3	17.0	
	12H	16.2	16.7	16.9	17.3	18.1	15.1	15.6	15.8	16.3	17.0	
4H	2H	15.3	15.9	15.9	16.5	17.1	15.4	16.0	16.1	16.6	17.3	
	3H	15.3	15.8	16.0	16.5	17.2	15.4	15.9	16.1	16.6	17.3	
	4H	15.4	15.9	16.1	16.5	17.3	15.4	15.9	16.1	16.5	17.3	
	6H	15.7	16.1	16.4	16.8	17.6	15.4	15.8	16.1	16.5	17.2	
	8H	16.1	16.4	16.8	17.1	17.9	15.4	15.7	16.1	16.4	17.2	
	12H	16.8	17.1	17.5	17.8	18.6	15.4	15.7	16.1	16.4	17.2	
8H	4H	15.4	15.7	16.1	16.4	17.2	16.1	16.4	16.8	17.1	17.9	
	6H	15.9	16.2	16.6	16.9	17.7	16.3	16.6	17.0	17.3	18.1	
	8H	16.5	16.7	17.2	17.4	18.3	16.5	16.7	17.2	17.4	18.3	
	12H	17.5	17.7	18.2	18.4	19.3	16.7	16.9	17.4	17.6	18.5	
12H	4H	15.4	15.7	16.1	16.4	17.2	16.8	17.1	17.5	17.8	18.6	
	6H	16.0	16.2	16.7	17.0	17.8	17.2	17.4	17.9	18.1	19.0	
	8H	16.7	16.9	17.4	17.6	18.5	17.5	17.7	18.2	18.4	19.3	
Variations with the observer position at spacing:												
S =		1.0H					0.9 / -1.1					
		1.5H					2.0 / -1.6					
		2.0H					3.3 / -1.9					