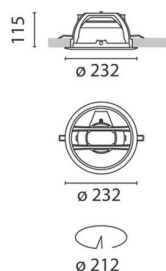


Last information update: March 2019

**Recessed fitting with diffuser glass 150 W HIT-DE****Attention! Code no longer in production****Product code**

3930

Technical description

Diecast aluminium recessed fitting designed to use metal-halide lamps (HIT-DE). The diecast structure acts as a heat dissipater, consequently optimising performance levels and ensuring outputs of up to 75%. The polished superpure aluminium reflector is made up of two parts. The first part, just above the light source, acts as a flow director, while the other, fastened to the fitting by means of a system of counter springs, can be removed for quick effortless maintenance. The component box, separate from the fitting, is designed for fast-connection wiring. The fastening springs guarantee excellent anchoring to false ceilings ranging from 1 to 25 mm in thickness. The fitting is designed for installation in public environments and can be positioned on surfaces made with inflammable materials.

Installation

Recessed with 212-mm diameter holes.

Dimension (mm)

Ø232x115

Colour

White/Aluminium (39) | Grey/Aluminium (78)

Weight (Kg)

0.9

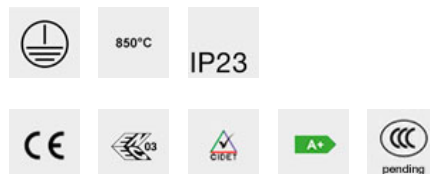
Mounting

ceiling recessed

Wiring

Three wiring systems: phased electromagnetic, phased electromagnetic with impulse-controlled ignitor and electronic - inside special boxes (to be ordered separately).

Complies with EN60598-1 and pertinent regulations

**Product configuration: 3930+L064**

L064: Metal halide lamp Mastercolour CDM-TD 150W Rx7s 4200 K (Philips)

Product characteristics

Total lighting output [Lm]: 8332
Total power [W]: 150
Luminous efficacy [Lm/W]: 55.5
Number of optical assemblies: 1

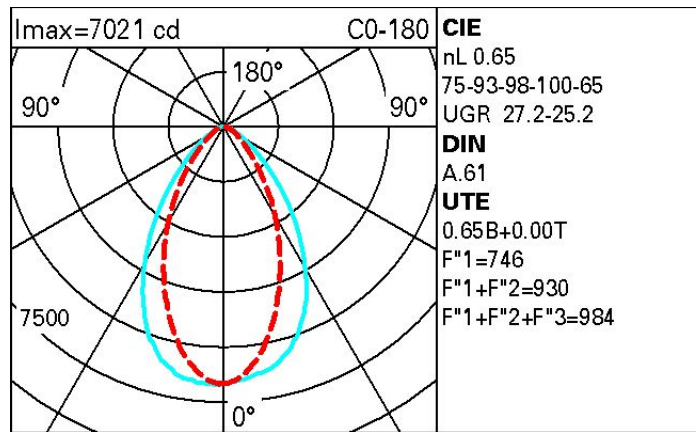
Total luminous flux at or above an angle of 90° [Lm]: 1
Emergency luminous flux [Lm]: /
Voltage [V]: -

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 65
Lamp code: L064
ZVEI Code: HIT-DE-CE
Nominal power [W]: 150
Nominal luminous [Lm]: 12900
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: Rx7s
Ballast losses [W]: 0
Colour temperature [K]: 4200
CRI: 96
Wavelength [Nm]: /
MacAdam Step: /

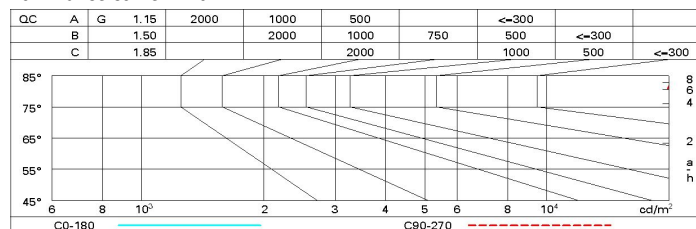
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	51	46	42	40	45	42	42	38	59
1.0	54	50	47	44	49	46	46	43	66
1.5	59	56	53	51	55	52	52	49	76
2.0	62	59	57	55	58	56	56	53	82
2.5	64	62	60	58	61	59	58	56	86
3.0	65	63	62	60	62	61	60	57	89
4.0	66	65	64	63	64	63	62	59	92
5.0	67	66	65	64	65	64	63	60	94

Luminance curve limit



UGR diagram

Corrected UGR values (at 12900 lm bare lamp luminous flux)												
Reflect.: ceiling walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
		viewed crosswise					viewed endwise					
2H	2H	25.5	26.5	25.8	26.7	27.0	23.6	24.5	23.9	24.8	25.0	
	3H	26.1	26.9	26.4	27.2	27.5	23.9	24.7	24.2	25.0	25.3	
	4H	26.3	27.1	26.7	27.4	27.7	23.9	24.7	24.3	25.0	25.3	
	6H	26.6	27.3	27.0	27.6	28.0	23.9	24.6	24.3	25.0	25.3	
	8H	26.7	27.4	27.1	27.7	28.1	23.9	24.6	24.3	25.0	25.3	
	12H	26.8	27.5	27.2	27.8	28.2	23.9	24.6	24.3	24.9	25.3	
4H	2H	25.6	26.4	26.0	26.7	27.0	24.4	25.1	24.7	25.4	25.8	
	3H	26.3	26.9	26.7	27.3	27.7	24.8	25.5	25.2	25.8	26.2	
	4H	26.7	27.2	27.1	27.6	28.0	25.0	25.6	25.4	25.9	26.3	
	6H	27.1	27.6	27.5	28.0	28.4	25.1	25.6	25.6	26.0	26.5	
	8H	27.2	27.7	27.7	28.1	28.6	25.2	25.7	25.6	26.1	26.5	
	12H	27.4	27.8	27.9	28.3	28.7	25.2	25.6	25.7	26.1	26.5	
8H	4H	26.7	27.2	27.2	27.6	28.0	25.7	26.1	26.1	26.5	27.0	
	6H	27.2	27.6	27.7	28.1	28.5	26.0	26.4	26.5	26.8	27.3	
	8H	27.5	27.8	28.0	28.3	28.8	26.2	26.5	26.6	27.0	27.5	
	12H	27.7	28.0	28.2	28.5	29.0	26.3	26.6	26.8	27.1	27.6	
12H	4H	26.7	27.1	27.2	27.5	28.0	25.9	26.3	26.3	26.7	27.2	
	6H	27.2	27.6	27.7	28.0	28.5	26.3	26.6	26.8	27.1	27.6	
	8H	27.5	27.8	28.0	28.3	28.8	26.5	26.8	27.0	27.3	27.8	
Variations with the observer position at spacing:												
S =	1.0H	0.5 / -0.7					0.7 / -0.6					
	1.5H	1.0 / -1.2					1.1 / -1.1					
	2.0H	2.9 / -1.7					1.8 / -1.4					