

Last information update: March 2023

Product configuration: 6344+MIN+L291

6344: with electronic control gear 35W HIT (CDM-TC) - Flood
MIN: Minimal regulation



Product code

6344: with electronic control gear 35W HIT (CDM-TC) - Flood **Attention! Code no longer in production**

Technical description

Projector for interiors, made of die-cast aluminium and thermoplastic material. Fitting has adaptor for installation on mains voltage tracks. The dual orientation of the projector allows for a rotation around the vertical axis of 360° and an inclination of 90° in relation to the horizontal plane. The fitting also has mechanical blocks for precision aim and graduated scales for both rotations. These blocks are easily performed with the same tool and two screws: one on the side of the rod and the other on the track adapter. The projector has an accessory-holder ring which can contain up to two flat accessories at once. It is also possible to apply an external component, such as an asymmetrical screen, directional flaps, or an anti-glare screen. The fitting, with a flood 35W HIT (CDM-TC) optic, is equipped with an electronic power supply group. IP40 for optical assembly.

Installation

Installation on electrified tracks.

Colour

White (01) | Black (04) | Grey (15)

Mounting

three circuit track

Wiring

electronic control gear for discharge lamp housed inside the special box that comes with the fitting.

Complies with EN60598-1 and pertinent regulations



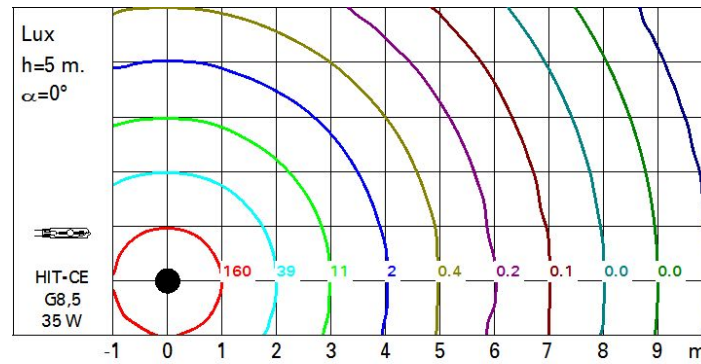
Technical data

Im system:	1936	CRI:	90
W system:	35	Colour temperature [K]:	4200
Im source:	3400	Ballast losses [W]:	0
W source:	35	Lamp code:	L291
Luminous efficiency (Im/W, real value):	55.3	Socket:	G8,5
Im 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.) [%]:	57	Number of optical assemblies:	1
Beam angle [°]:	30°		

Polar

Imax=6001 cd		Lux			
90°	180°	90°	h	d	Em Emax
6000	0°	$\alpha = 30^\circ$	2	1.1	1206 1500
			4	2.1	301 375
			6	3.2	134 167
			8	4.3	75 94

Isolux



UGR diagram

Corrected UGR values (at 3400 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/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	14.9	15.5	15.2	15.7	15.9	14.9	15.5	15.2	15.7	15.9
	3H	14.8	15.3	15.1	15.6	15.9	14.8	15.3	15.1	15.6	15.8
	4H	14.8	15.2	15.1	15.5	15.8	14.7	15.2	15.1	15.5	15.8
	6H	14.7	15.1	15.0	15.4	15.8	14.7	15.1	15.0	15.4	15.7
	8H	14.6	15.1	15.0	15.4	15.7	14.6	15.0	15.0	15.4	15.7
	12H	14.6	15.0	15.0	15.4	15.7	14.6	15.0	15.0	15.3	15.7
4H	2H	14.7	15.2	15.1	15.5	15.8	14.8	15.2	15.1	15.5	15.8
	3H	14.6	15.0	15.0	15.4	15.7	14.6	15.0	15.0	15.4	15.7
	4H	14.6	14.9	14.9	15.3	15.7	14.6	14.9	14.9	15.3	15.7
	6H	14.5	14.8	14.9	15.2	15.6	14.5	14.8	14.9	15.2	15.6
	8H	14.4	14.7	14.9	15.1	15.6	14.4	14.7	14.9	15.1	15.6
	12H	14.4	14.6	14.8	15.1	15.5	14.4	14.6	14.8	15.1	15.5
8H	4H	14.4	14.7	14.9	15.1	15.6	14.4	14.7	14.9	15.1	15.6
	6H	14.3	14.6	14.8	15.0	15.5	14.3	14.6	14.8	15.0	15.5
	8H	14.3	14.5	14.8	15.0	15.5	14.3	14.5	14.8	15.0	15.5
	12H	14.2	14.4	14.7	14.9	15.4	14.2	14.4	14.7	14.9	15.4
12H	4H	14.4	14.6	14.8	15.1	15.5	14.4	14.6	14.8	15.1	15.5
	6H	14.3	14.5	14.8	15.0	15.5	14.3	14.5	14.8	15.0	15.5
	8H	14.2	14.4	14.7	14.9	15.4	14.2	14.4	14.7	14.9	15.4
Variations with the observer position at spacing:											
S =		1.0H	5.2 / -9.5				5.2 / -9.5				
		1.5H	8.0 / -10.8				8.0 / -10.8				
		2.0H	10.0 / -11.5				10.0 / -11.5				