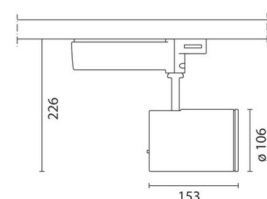


Last information update: February 2023

**Product configuration: MC92+L291**

MC92: with electronic control gear 35W HIT (CDM-TC) - Wide flood



**Product code**

MC92: with electronic control gear 35W HIT (CDM-TC) - Wide 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 Wide 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 lamps housed inside the special box that comes with the fitting.

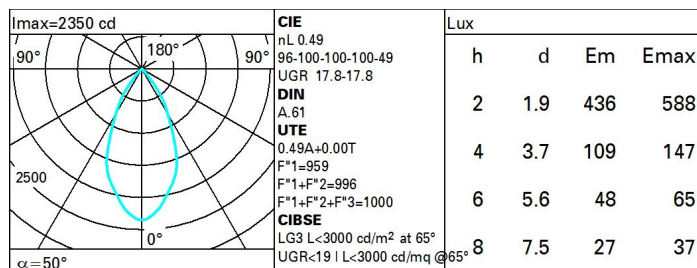
Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	1666	CRI:	90
W system:	39	Colour temperature [K]:	4200
Im source:	3400	Ballast losses [W]:	4
W source:	35	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	42.7	Lamp code:	L291
Im in emergency mode:	-	Socket:	G8,5
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	49	ZVEI Code:	HIT-CE
Beam angle [°]:	50°	Number of optical assemblies:	1

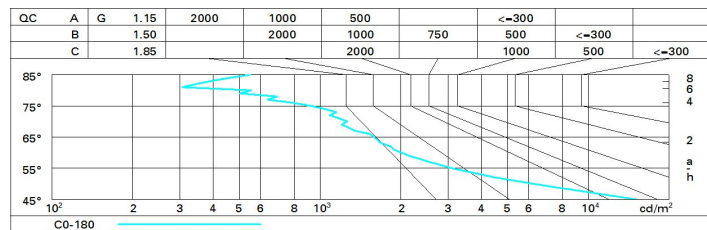
**Polar**



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	43	41	39	38	40	39	39	37	75
1.0	45	43	42	40	43	41	41	39	80
1.5	48	46	45	44	46	45	44	43	87
2.0	50	48	47	47	48	47	46	45	91
2.5	51	50	49	48	49	48	48	46	94
3.0	51	51	50	49	50	49	49	47	97
4.0	52	51	51	51	50	50	49	48	98
5.0	52	52	51	51	51	51	50	49	99

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3400 lm bare lamp luminous flux)											
Reflect.: ceiling/cav 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	18.4	19.0	18.7	19.3	19.5	18.4	19.0	18.7	19.3	19.5
	3H	18.2	18.8	18.6	19.1	19.4	18.2	18.8	18.6	19.1	19.4
	4H	18.2	18.7	18.5	19.0	19.3	18.2	18.7	18.5	19.0	19.3
	6H	18.1	18.6	18.5	18.9	19.2	18.1	18.6	18.4	18.9	19.2
	8H	18.1	18.5	18.4	18.9	19.2	18.1	18.5	18.4	18.9	19.2
	12H	18.0	18.5	18.4	18.8	19.2	18.0	18.5	18.4	18.8	19.2
4H	2H	18.2	18.7	18.5	19.0	19.3	18.2	18.7	18.5	19.0	19.3
	3H	18.0	18.5	18.4	18.8	19.2	18.0	18.5	18.4	18.8	19.2
	4H	18.0	18.4	18.4	18.7	19.1	18.0	18.4	18.4	18.7	19.1
	6H	17.9	18.2	18.3	18.6	19.0	17.9	18.2	18.3	18.6	19.0
	8H	17.8	18.1	18.3	18.6	19.0	17.8	18.1	18.3	18.6	19.0
	12H	17.8	18.1	18.2	18.5	19.0	17.8	18.1	18.2	18.5	19.0
8H	4H	17.8	18.1	18.3	18.6	19.0	17.8	18.1	18.3	18.6	19.0
	6H	17.7	18.0	18.2	18.4	18.9	17.7	18.0	18.2	18.4	18.9
	8H	17.7	17.9	18.2	18.4	18.9	17.7	17.9	18.2	18.4	18.9
	12H	17.6	17.8	18.1	18.3	18.8	17.6	17.8	18.1	18.3	18.8
12H	4H	17.8	18.1	18.2	18.5	19.0	17.8	18.1	18.2	18.5	19.0
	6H	17.7	17.9	18.2	18.4	18.9	17.7	17.9	18.2	18.4	18.9
	8H	17.6	17.8	18.1	18.3	18.8	17.6	17.8	18.1	18.3	18.8
Variations with the observer position at spacing:											
S =	1.0H	4.8 / -11.8					4.8 / -11.8				
	1.5H	7.6 / -13.7					7.6 / -13.7				
	2.0H	9.6 / -14.7					9.6 / -14.7				