

Front Light

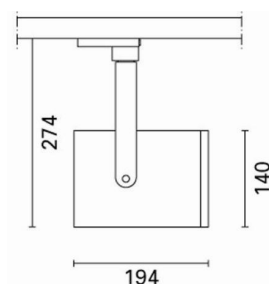
Design iGuzzini

iGuzzini

Last information update: February 2023

Product configuration: MH85+L346

MH85: 50W HIT - Spot



Product code

MH85: 50W HIT - Spot **Attention! Code no longer in production**

Technical description

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with electronic ballast. An external component may be applied, such as directional flaps with 360° rotation and which can be fully closed. Luminaire supplied with spot optic 50W HIT G8.5 High performance reflector. IP 40 on the optical assembly.

Installation

Installation on electrified tracks.

Colour

White (01) | Black (04) | Grey / Black (74)

Mounting

three circuit track

Wiring

Electronic components for discharge lamp housed in the body

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	4402.6	CRI:	90
W system:	55	Colour temperature [K]:	3000
Im source:	5400	Ballast losses [W]:	5
W source:	50	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	80	Lamp code:	L346
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.) [%]:	82	ZVEI Code:	HIT-TC-CE
Beam angle [°]:	8°	Number of optical assemblies:	1

Polar

Imax=102735 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	0.3	18260 25684
			4	0.6	4565 6421
			6	0.8	2029 2854
			8	1.1	1141 1605
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Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	67	62	58	55	61	57	57	54	66
1.0	71	66	63	60	66	62	62	58	72
1.5	77	73	70	68	72	70	69	66	80
2.0	80	77	75	73	76	74	73	70	86
2.5	82	80	78	77	79	77	76	73	90
3.0	83	82	80	79	80	79	78	75	92
4.0	85	83	82	81	82	81	80	77	95
5.0	86	85	84	83	83	82	81	78	96

Luminance curve limit

