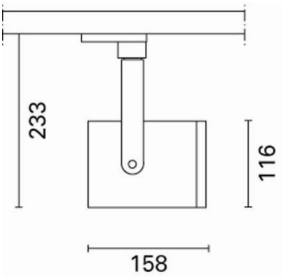


Design iGuzzini iGuzzini



MN54: Small body Spotlight - LED Warm White - Electronic ballast - Flood Optic

MN54: Small body Spotlight - LED Warm White - Electronic ballast - Flood Optic **Attention! Code no longer in production**

Adjustable indoor spotlight with adapter for installation on mains electrified track, for high output LED lamp with monochrome emission in a warm white colour. Flood optic. Luminaire made of die-cast aluminium. Twin adjustability allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical locks for aiming, for rotation on horizontal plane and around vertical axis. Equipped with electronic ballast.

Electrified track or base, to be ordered as an accessory

Colour	Weight (Kg)
White (01) Black (04) Grey / Black (74)	1.18

three circuit track

Electronic components housed in the luminaire.

Complies with EN60598-1 and pertinent regulations



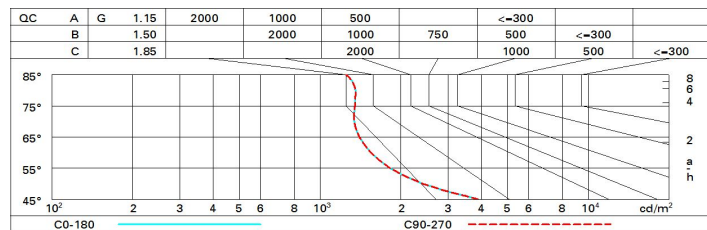
Im system:	2556	CRI (minimum):	90
W system:	30.2	Colour temperature [K]:	3000
Im source:	3200	MacAdam Step:	2
W source:	28	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	84.7	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	80	Number of optical assemblies:	1
Beam angle [°]:	42°		

	CIE nL 0.80 99-100-100-100-80 UGR <10<10				Lux			
	DIN A.61							
	UTE 0.80A+0.00T F*1=991 F*1+F*2=998 F*1+F*2+F*3=999							
	CIBSE LG3 L<1500 cd/m ² at 65° UGR<10 L<1500 cd/mq @65°							
	α=42°	h	d	Em	Emax			
	2	1.5	1093	1348				
	4	3.1	273	337				
	6	4.6	121	150				
	8	6.1	68	84				

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	66	63	67	65	65	62	78
1.0	75	72	69	67	71	69	68	66	82
1.5	79	76	74	73	75	74	73	70	88
2.0	81	79	78	77	78	77	76	74	93
2.5	83	81	80	79	80	79	78	76	95
3.0	84	83	82	81	82	81	80	78	97
4.0	85	84	84	83	83	82	81	79	99
5.0	85	85	84	84	84	83	82	80	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3200 lm bare lamp luminous flux)											
Riflect.: ceil/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	8.9	9.5	9.2	9.7	10.0	8.9	9.5	9.2	9.7	10.0
	3H	8.9	9.4	9.2	9.7	10.0	8.8	9.3	9.1	9.6	9.9
	4H	8.9	9.4	9.2	9.7	10.0	8.8	9.3	9.1	9.5	9.8
	6H	8.9	9.3	9.2	9.6	10.0	8.7	9.1	9.1	9.5	9.8
	8H	8.9	9.3	9.2	9.6	10.0	8.7	9.1	9.0	9.4	9.8
	12H	8.9	9.3	9.2	9.6	10.0	8.6	9.0	9.0	9.4	9.7
4H	2H	8.8	9.3	9.1	9.5	9.8	8.9	9.4	9.2	9.7	10.0
	3H	8.8	9.2	9.1	9.5	9.9	8.8	9.2	9.2	9.6	9.9
	4H	8.8	9.2	9.2	9.5	9.9	8.8	9.2	9.2	9.5	9.9
	6H	8.8	9.1	9.2	9.5	10.0	8.7	9.1	9.2	9.5	9.9
	8H	8.8	9.1	9.3	9.5	10.0	8.7	9.0	9.2	9.4	9.9
	12H	8.8	9.1	9.3	9.5	10.0	8.7	8.9	9.1	9.4	9.8
8H	4H	8.7	9.0	9.2	9.4	9.9	8.8	9.1	9.3	9.5	10.0
	6H	8.8	9.0	9.3	9.5	10.0	8.8	9.1	9.3	9.5	10.0
	8H	8.8	9.0	9.3	9.5	10.0	8.8	9.0	9.3	9.5	10.0
	12H	8.8	9.0	9.3	9.5	10.0	8.8	9.0	9.3	9.5	10.0
12H	4H	8.7	8.9	9.1	9.4	9.8	8.8	9.1	9.3	9.5	10.0
	6H	8.8	9.0	9.2	9.4	9.9	8.8	9.0	9.3	9.5	10.0
	8H	8.8	9.0	9.3	9.5	10.0	8.8	9.0	9.3	9.5	10.0
Variations with the observer position at spacing:											
S =	1.0H	5.3 / -4.9					5.3 / -4.9				
	1.5H	8.0 / -5.3					8.0 / -5.3				
	2.0H	10.0 / -5.5					10.0 / -5.5				