iGuzzini

Last information update: May 2024

### Product configuration: MU06

MU06: Large body spotlight - warm white - electronic ballast - wide flood optic



300



MU06: Large body spotlight - warm white - electronic ballast - wide flood optic Attention! Code no longer in production

# Technical description

Adjustable spotlight with adapter for installation on mains electrified track for high output LED lamp with monochrome emission in a warm white (3000K) colour. Electronic ballast. The luminaire is made of die-cast aluminium and thermoplastic material, and allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. The luminaire has mechanical aiming locks and graduated scales for both movements, operated using the same tool on two screws, one on the optic compartment and one on the adapter for the track. Spotlight equipped with accessory holding ring designed to contain a flat accessory. Another external component can also be applied, selected from directional flaps and an asymmetric screen. All external accessories rotate 360° about the spotlight longitudinal axis.

### Installation On an electrified track

**Colour** White (01) | Grey / Black (74)

62 314

# Mounting

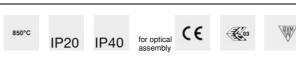
three circuit track

Wiring

The electronic components are housed in the luminaire.

Complies with EN60598-1 and pertinent regulations

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Technical data			
Im system:	3384	CRI (minimum):	90
W system:	37.5	Colour temperature [K]:	3000
Im source:	4400	MacAdam Step:	2
W source:	33	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W,	90.2	Lamp code:	LED
real value):		Number of lamps for optical	1
Im in emergency mode:	-	assembly:	
Total light flux at or above	0	ZVEI Code:	LED
an angle of 90° [Lm]:		Number of optical	1
Light Output Ratio (L.O.R.) [%]:	77	assemblies:	
Beam angle [°]:	44°		

### Polar

Imax=6731 cd	CIE	Lux			
90° 180°	nL 0.77 90° 99-100-100-100-77	h	d	Em	Emax
	UGR <10-<10 DIN A.61	2	1.6	1370	1683
XXX	UTE 0.77A+0.00T F"1=988	4	3.2	342	421
7500	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	6	4.8	152	187
α=44°	LG3 L<1500 cd/m <sup>2</sup> at 65' UGR<10   L<1500 cd/mq	@65 <sup>,</sup> 8	6.5	86	105

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	65	63	62	60	78
1.0	72	69	67	65	68	66	66	63	82
1.5	76	73	71	70	72	71	70	68	88
2.0	78	76	75	74	75	74	73	71	93
2.5	80	78	77	76	77	76	75	73	95
3.0	81	80	79	78	78	78	77	75	97
4.0	82	81	80	80	80	79	78	76	99
5.0	82	82	81	81	80	80	79	77	100

## Luminance curve limit

QC	Α	G	1.15	2000	1000	500		<-300		
	в		1.50		2000	1000	750	500	<=300	
	С		1.85			2000		1000	500	<=300
						-	_ / _			
85° [										- 8
										- 4
75°					~					-
65°										
05										2
55°										a
55						12			$\sim$	h
45° 10			2	3 4 5	6 8	10 <sup>3</sup>	2 3	4 5 6	8 10 <sup>4</sup>	cd/m <sup>2</sup>

## UGR diagram

lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H 12H	0.70 0.50 0.20 9.9 9.8 9.7 9.6 9.6 9.6 9.6 9.7 9.6 9.5 9.4 9.4	0.70 0.30 0.20 10.5 10.3 10.2 10.1 10.0 10.0 10.2 10.0 9.9 9.7	0.50 0.20 viewed 10.2 10.1 10.0 10.0 10.0 9.9 10.0 9.9 9.9		0.30 0.30 0.20 10.9 10.8 10.8 10.7 10.7 10.7 10.7 10.8 10.7 10.8	0.70 0.50 0.20 9.9 9.8 9.7 9.6 9.6 9.6 9.7 9.6	10.5 10.3 10.2 10.1 10.0 10.0 10.0	0.50 0.20 viewed endwise 10.2 10.1 10.0 10.0 9.9 9.9 10.0 10.0	10.7 10.6 10.5 10.4 10.3 10.3 10.5 10.5	0.30 0.20 10.9 10.8 10.8 10.7 10.7 10.7
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.50 0.20 9.9 9.8 9.7 9.6 9.6 9.6 9.7 9.6 9.7 9.6 9.5 9.4	0.30 0.20 10.5 10.3 10.2 10.1 10.0 10.0 10.2 10.0 9.9	0.50 0.20 viewed crosswis 10.2 10.1 10.0 10.0 9.9 10.0 9.9 9.9	0.20 e 10.7 10.6 10.5 10.4 10.4 10.3 10.5 10.3	0.20 10.9 10.8 10.8 10.7 10.7 10.7 10.7 10.8 10.7	0.20 9.9 9.8 9.7 9.6 9.6 9.6 9.7 9.7 9.6	0.30 0.20 10.5 10.3 10.2 10.1 10.0 10.0 10.2 10.2 10.0	0.50 0.20 viewed endwise 10.2 10.1 10.0 9.9 9.9 10.0 10.0	0.30 0.20 10.7 10.6 10.5 10.4 10.3 10.3	0.30 0.20 10.2 10.8 10.8 10.7 10.7 10.7
lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H 8H	9.9 9.8 9.7 9.6 9.6 9.6 9.7 9.6 9.5 9.4	10.5 10.3 10.2 10.1 10.0 10.0 10.2 10.0 9.9	viewed crosswis 10.2 10.1 10.0 10.0 9.9 10.0 9.9 9.9	e 10.7 10.6 10.5 10.4 10.4 10.3 10.5 10.5	10.9 10.8 10.8 10.7 10.7 10.7 10.7 10.8 10.7	9.9 9.8 9.7 9.6 9.6 9.6 9.7 9.7	10.5 10.3 10.2 10.1 10.0 10.0 10.2 10.2	viewed endwise 10.2 10.1 10.0 9.9 9.9 10.0 10.0	0.20 10.7 10.6 10.5 10.4 10.3 10.3 10.5 10.3	0.20 10.9 10.8 10.7 10.7 10.7 10.7 10.8
lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H 8H	9.9 9.8 9.7 9.6 9.6 9.6 9.7 9.6 9.5 9.4	10.5 10.3 10.2 10.1 10.0 10.0 10.2 10.0 9.9	viewed crosswis 10.2 10.1 10.0 10.0 9.9 10.0 9.9 9.9	e 10.7 10.6 10.5 10.4 10.4 10.3 10.5 10.5	10.9 10.8 10.8 10.7 10.7 10.7 10.7 10.8 10.7	9.9 9.8 9.7 9.6 9.6 9.6 9.7 9.7	10.5 10.3 10.2 10.1 10.0 10.0 10.2 10.2	viewed endwise 10.2 10.1 10.0 9.9 9.9 10.0 10.0	10.7 10.6 10.5 10.4 10.3 10.3 10.5 10.5	10.9 10.8 10.7 10.7 10.7 10.7 10.8
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	9.8 9.7 9.6 9.6 9.6 9.7 9.7 9.5 9.4	10.5 10.3 10.2 10.1 10.0 10.0 10.0 10.2 10.0 9.9	10.2 10.1 10.0 10.0 9.9 10.0 9.9 9.9	10.7 10.6 10.5 10.4 10.4 10.3 10.5 10.5	10.8 10.7 10.7 10.7 10.7 10.7	9.8 9.7 9.6 9.6 9.6 9.7 9.6	10.5 10.3 10.2 10.1 10.0 10.0 10.0	10.2 10.1 10.0 9.9 9.9 10.0 10.0	10.7 10.6 10.5 10.4 10.3 10.3 10.5 10.5	10.8 10.7 10.7 10.7 10.7 10.7
3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	9.8 9.7 9.6 9.6 9.6 9.7 9.7 9.5 9.4	10.3 10.2 10.1 10.0 10.0 10.2 10.0 9.9	10.1 10.0 10.0 9.9 10.0 9.9 9.9	10.6 10.5 10.4 10.4 10.3 10.5 10.3	10.8 10.7 10.7 10.7 10.7 10.7	9.8 9.7 9.6 9.6 9.6 9.7 9.6	10.3 10.2 10.1 10.0 10.0 10.2 10.2	10.1 10.0 9.9 9.9 10.0 10.0	10.6 10.5 10.4 10.3 10.3 10.5 10.3	10.8 10.7 10.7 10.7 10.7 10.7
4H 6H 8H 12H 2H 3H 4H 6H 8H	9.7 9.6 9.6 9.7 9.7 9.5 9.4	10.2 10.1 10.0 10.0 10.2 10.0 9.9	10.0 10.0 9.9 10.0 9.9 9.9	10.5 10.4 10.4 10.3 10.5 10.3	10.8 10.7 10.7 10.7 10.7 10.8 10.7	9.7 9.6 9.6 9.6 9.7 9.6	10.2 10.1 10.0 10.0 10.2 10.0	10.0 10.0 9.9 9.9 10.0 10.0	10.5 10.4 10.3 10.3 10.5 10.3	10.8 10.7 10.7 10.7 10.8 10.8
6H 8H 12H 2H 3H 4H 6H 8H	9.6 9.6 9.7 9.6 9.5 9.4	10.1 10.0 10.0 10.2 10.0 9.9	10.0 10.0 9.9 10.0 9.9 9.9	10.4 10.4 10.3 10.5 10.3	10.7 10.7 10.7 10.7 10.8 10.7	9.6 9.6 9.6 9.7 9.6	10.1 10.0 10.0 10.2 10.2	10.0 9.9 9.9 10.0 10.0	10.4 10.3 10.3 10.5 10.3	10. <sup>-</sup> 10. <sup>-</sup> 10. <sup>-</sup> 10.1 10.1
8H 12H 2H 3H 4H 6H 8H	9.6 9.6 9.7 9.6 9.5 9.4	10.0 10.0 10.2 10.0 9.9	10.0 9.9 10.0 9.9 9.9	10.4 10.3 10.5 10.3	10.7 10.7 10.8 10.7	9.6 9.6 9.7 9.6	10.0 10.0 10.2 10.0	9.9 9.9 10.0 10.0	10.3 10.3 10.5 10.3	10. 10. 10. 10.
12H 2H 3H 4H 6H 8H	9.6 9.7 9.6 9.5 9.4	10.0 10.2 10.0 9.9	9.9 10.0 9.9 9.9	10.3 10.5 10.3	10.7 10.8 10.7	9.6 9.7 9.6	10.0 10.2 10.0	9.9 10.0 10.0	10.3 10.5 10.3	10. 10. 10.
2H 3H 4H 6H 8H	9.7 9.6 9.5 9.4	10.2 10.0 9.9	10.0 9.9 9.9	10.5 10.3	10.8 10.7	9.7 9.6	10.2 10.0	10.0 10.0	10.5 10.3	10.8 10.7
3H 4H 6H 8H	9.6 9.5 9.4	10.0 9.9	9.9 9.9	10.3	10.7	9.6	10.0	10.0	10.3	10.
4H 6H 8H	9.5 9.4	9.9	9.9			100			100	
6H 8H	9.4			10.2	10.6					
8H		9.7			10.0	9.5	9.9	9.9	10.2	10.
	0 /		9.8	10.1	10.6	9.4	9.7	9.8	10.1	10.
12H	0.4	9.7	9.8	10.1	10.5	9.4	9.7	9.8	10.1	10.5
	9.3	9.6	9.8	10.0	10.5	9.3	9.6	9.8	10.0	10.
4H	9.4	9.7	9.8	10.1	10.5	9.4	9.7	9.8	10.1	10.
6H	9.3	9.5	9.8	10.0	10.4	9.3	9.5	9.8	10.0	10.
8H	9.2	9.4	9.7	9.9	10.4	9.2	9.4	9.7	9.9	10.
12H	9.2	9.4	9.7	9.8	10.4	9.2	9.4	9.7	8.9	10.
4H	9.3	9.6	9.8	10.0	10.5	9.3	9.6	9.8	10.0	10.
6H	9.2	9.4	9.7	9.9	10.4	9.2	9.4	9.7	9.9	10.
8H	9.2	9.4	9.7	9.8	10.4	9.2	9.4	9.7	9.8	10.4
ns wi	th the ol	bserverp	osition	at spacin	ig:					
.0H		5	.4 / -8	.9			5	.4 / -8.	9	
1.5H		8.	.1 / -11	.2			8.	1 / -11	.2	
	4H 6H 8H ns wi	4H 9.3 6H 9.2 8H 9.2 ns with the ol .0H .5H	4H 9.3 9.6   6H 9.2 9.4   8H 9.2 9.4   ns with the observer provided by the observer provided	4H 9.3 9.6 9.8   6H 9.2 9.4 9.7   8H 9.2 9.4 9.7   ns with the observer position 0.0H 5.4 / -8   .5H 8.1 / -11 11	4H 9.3 9.6 9.8 10.0   6H 9.2 9.4 9.7 9.9   8H 9.2 9.4 9.7 9.8   ns with the observer position at spacin 0.0 5.4 / -8.9   .5H 8.1 / -11.2 11.2	4H 9.3 9.6 9.8 10.0 10.5   6H 9.2 9.4 9.7 9.9 10.4   8H 9.2 9.4 9.7 9.8 10.4   here the observer position at spacing:   .0H 5.4 / -8.9 5.4 / -11.2	4H 9.3 9.6 9.8 10.0 10.5 9.3   6H 9.2 9.4 9.7 9.9 10.4 9.2   8H 9.2 9.4 9.7 9.8 10.4 9.2   ns with the observer position at spacing: .0H 5.4 / -8.9 .5H 8.1 / -11.2	4H 9.3 9.6 9.8 10.0 10.5 9.3 9.6   6H 9.2 9.4 9.7 9.9 10.4 9.2 9.4   8H 9.2 9.4 9.7 9.8 10.4 9.2 9.4   ns with the observer position at spacing: .0H 5.4 / -8.9 5 5   5H 8.1 / -11.2 8. 5 5	4H 9.3 9.6 9.8 10.0 10.5 9.3 9.6 9.8   6H 9.2 9.4 9.7 9.9 10.4 9.2 9.4 9.7   8H 9.2 9.4 9.7 9.8 10.4 9.2 9.4 9.7   ns with the observer position at spacing: .0H 5.4 - 8.9 5.4 - 8.   .0H 5.4 - 8.9 5.4 - 11.2 8.1 - 11.2	4H 9.3 9.6 9.8 10.0 10.5 9.3 9.6 9.8 10.0   6H 9.2 9.4 9.7 9.9 10.4 9.2 9.4 9.7 9.9   8H 9.2 9.4 9.7 9.8 10.4 9.2 9.4 9.7 9.9   ns with the observer position at spacing: .0H 5.4 / -8.9 5.4 / -8.9 5.4 / -8.9 5.4 / -8.9 5.4 / -11.2 8.1 / -11.2 8.1 / -11.2 <td< td=""></td<>