

iGuzzini

Last information update: May 2024

Product configuration: N355

N355: spotlight - warm white wide flood optic



282

189



Technical description

Adjustable spotlight with adapter for installation on mains voltage track for LED source with CoB technology, Warm White (3000K) emission. Electronic control gear housed inside the track-mounted power supply box. The luminaire is made of die-cast aluminium and thermoplastic. OPTIBEAM superpure aluminium reflector with high luminous efficacy and uniform distribution, wide flood optic. Features 90° inclination on the horizontal plane and 360° rotation around the vertical axis, with mechanical locking device for aiming. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

Weight (Kg)

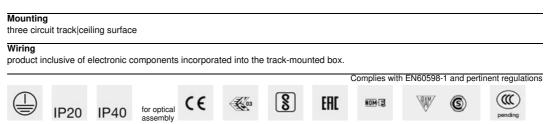
1.12

Installation

The luminaire can be installed on a standard electrified track or on an appropriate channel incorporating an electrified track.

Colour
White (01) Black (04)

ø86



Technical data			
Im system:	2278	CRI:	80
W system:	24.6	Colour temperature [K]:	3000
Im source:	3000	MacAdam Step:	2
W source:	21	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W,	92.6	Lamp code:	LED
real value):		Number of lamps for optical	1
Im in emergency mode:	-	assembly:	
	0	ZVEI Code:	LED
an angle of 90° [Lm]:		Number of optical	1
Light Output Ratio (L.O.R.) [%]:	76	assemblies:	
Beam angle [°]:	54°		

Polar

	CIE	Lux			
90°	nL 0.76 97-100-100-100-76	h	d	Em	Emax
	UGR 20.2-20.2 DIN A.61 UTE	2	2	582	738
	0.76A+0.00T F"1=974	4	4.1	146	184
NXHIXA	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	6	6.1	65	82
	LG3 L<1500 cd/m ² at 65°	8	8.2	36	46

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	64	61	59	63	61	61	58	77
1.0	71	68	65	63	67	65	64	62	81
1.5	75	72	70	69	71	70	69	66	88
2.0	77	75	74	73	74	73	72	70	92
2.5	79	77	76	75	76	75	74	72	95
3.0	80	79	78	77	77	77	76	74	97
4.0	80	80	79	79	78	78	77	75	99
5.0	81	80	80	80	79	79	78	76	100

Luminance curve limit

QC	A	G	1.15	20	000		10	00		500				<-30	0				
	в		1.50				20	00		1000		750		500)	4	-300		
	С		1.85							2000				100	0		500	<	-300
85°												ſΠ		1	_				8
75°			<			_		_	-	ĹĹ	H	Y	$ \prec $						4
65°				-	+							$\overline{}$		+		-		-	2
55°				-	+		-		-		X		-		1			~	a h
45° 10	D ²		2	3	4	5	6	8	10 ³		2	3	4	5	6	8	104	cd/r	n ²
(C0-180	-				_	-				C90	-270							

UGR diagram

Rifle	et :										
ce il/c		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		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	n dim	835100		viewed			10-120303-12		viewed		
x	У		c	rosswis	е			endwise			
2H	2H	20.8	21.5	21.1	21.7	21.9	20.8	21.5	21.1	21.7	21.9
	ЗH	20.7	21.3	21.0	21.5	21.8	20.7	21.3	21.0	21.5	21.8
	4H	20.6	21.1	21.0	21.4	21.7	20.6	21.1	21.0	21.4	21.7
	6H	20.5	21.0	20.9	21.3	21.7	20.5	21.0	20.9	21.3	21.7
	BH	20.5	21.0	20.9	21.3	21.6	20.5	21.0	20.9	21.3	21.0
	12H	20.5	20.9	20.8	21.2	21.6	20.5	20.9	20.8	21.2	21.0
4H	2H	20.6	21.1	21.0	21.4	21.7	20.6	21.1	21.0	21.4	21.
	ЗH	20.5	20.9	20.8	21.2	21.6	20.5	20.9	20.8	21.2	21.0
	4H	20.4	20.8	20.8	21.1	21.5	20.4	20.8	20.8	21.1	21.5
	6H	20.3	20.6	20.7	21.0	21.4	20.3	20.6	20.7	21.0	21.
	BH	20.2	20.6	20.7	21.0	21.4	20.2	20.6	20.7	21.0	21.4
	12H	20.2	20.5	20.7	20.9	21.4	20.2	20.5	20.7	20.9	21.4
вн	4H	20.2	20.6	20.7	21.0	21.4	20.2	20.6	20.7	21.0	21.
	6H	20.2	20.4	20.6	20.9	21.3	20.2	20.4	20.6	20.9	21.3
	BH	20.1	20.3	20.6	20.8	21.3	20.1	20.3	20.6	20.8	21.3
	12H	20.0	20.2	20.5	20.7	21.2	20.0	20.2	20.5	20.7	21.2
12H	4H	20.2	20.5	20.7	20.9	21.4	20.2	20.5	20.7	20.9	21.4
	бH	20.1	20.3	20.6	20.8	21.3	20.1	20.3	20.6	20.8	21.3
	8H	20.0	20.2	20.5	20.7	21.2	20.0	20.2	20.5	20.7	21.2
Varia	tions wi	th the ot	pserverp	osition a	at spacin	ig:					
S =	1.0H			3 / -17		5.3 / -17.5					
	1.5H		8.	1 / -21	.6			8.	1 / -21	.6	