iGuzzini

Last information update: November 2024

### Product configuration: RR32

RR32: Dimmable electronic Ø122mm body - Wide Flood optic - Warm White





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### Technical description

Adjustable spotlight with adapter for installation on an electrified track or base. High chromatic yield LED lamp with Warm White (3000K) tone and OptiBeam Lens optic system and Wide Flood optic. Dimmable electronic power supply integrated in product with Tool Free manual dimmer. Luminaire made of die-cast aluminium and thermoplastic material that allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane with mechanical aiming locks. Passive heat dissipation. Spotlight with "Push&Go" system designed to hold up to two flat accessories at the same time. The same system can also be used to apply another external component selected from the directional flaps and anti-glare screen. All internal accessories rotate 360° about the spotlight longitudinal axis. longitudinal axis.

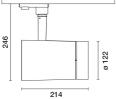
# Installation

Installation on an electrified track or base.

Colour White (	01)   Black (0	04)				Weight 2.13	(Kg)			
Mounti wall sur Wiring	ng face ceiling s	surface								
Electror	nic compone	nts integrat	ed in produ	ct				Complies	with EN60598-1 ar	nd pertinent regulati
	IP20	IP40	for optical	CE	UK	₹¥°3	8		<b>&gt;&gt;</b>	

Technical data			
Im system:	2408	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	29.7	Lamp code:	LED
Im source:	3210	Number of lamps for optical	1
W source:	26	assembly:	
Luminous efficiency (Im/W,	81.1	ZVEI Code:	LED
real value):		Number of optical	1
Im in emergency mode:	-	assemblies:	
Total light flux at or above	0	Power factor:	See installation instructions
an angle of 90° [Lm]:		Inrush current:	5 A / 50 μs
Light Output Ratio (L.O.R.) [%]:	75	Maximum number of luminaires of this type per	B10A: 31 luminaires
Beam angle [°]:	46°	miniature circuit breaker:	B16A: 50 luminaires
CRI (minimum):	90		C10A: 52 luminaires
Colour temperature [K]:	3000		C16A: 85 luminaires
MacAdam Step:	2	Minimum dimming %:	1
		Overvoltage protection:	4kV Common mode & 2kV Differential mode
		Control:	Completo di dimmer

#### Polar Imax=3717 cd CIE Lux nL 0.75 94-100-100-100-75 UGR 17.5-17.5 180° 90° 90 h d Em Emax DIN 2 929 1.7 712 A.61 UTE 0.75A+0.00T F"1=944 178 3.4 4 232 4000 F"1+F"2=996 F"1+F"2+F"3=1000 6 5.1 79 103 CIBSE LG3 L<3000 cd/m<sup>2</sup> at 65° UGR<19 | L<3000 cd/mq @65° 8 6.9 44 58 α=46°



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	66	62	59	57	61	59	58	56	74
1.0	69	66	63	61	65	62	62	60	79
1.5	73	71	68	67	70	68	67	65	86
2.0	76	74	72	71	73	71	70	68	91
2.5	77	76	75	73	75	73	73	71	94
3.0	78	77	76	75	76	75	74	72	96
4.0	79	78	78	77	77	77	75	73	98
5.0	80	79	79	78	78	77	76	74	99

## Luminance curve limit

QC	Α	G	1.15	20	00		10	000		500				<=3	00				
	в		1.50				20	000		1000		750		50	0		<=300		
	C		1.85							2000				100	00		500	<	-300
85°					T	T			7			ſΠ		T	~	1	1	~	3 8
75°					-					$\left\{ \cdot \right\}$	+	$\triangleleft$	$ \prec $	╀	-	-	-	_	4
65°				-	+					1				-	$\uparrow$	-		~	2
55°			_	+	+						$\mathbf{i}$			-				-	a h
45° 10	0 <sup>2</sup>		2	3	4	5	6	8	10 <sup>3</sup>		2	3	4	5	6	8	104	cd/	m <sup>2</sup>
	C0-180	) -				_	-				C90	0-270							

## UGR diagram

1 4H 1 8H	/ I.	0.70 0.50 0.20 18.1 18.0 17.9 17.8 17.8 17.7 17.9 17.8 17.7 17.6 17.5	0.70 0.30 0.20 18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2 18.4 18.2 18.1 17.9	0.50 0.50 0.20 viewed crosswis 18.4 18.3 18.2 18.2 18.1 18.1 18.1 18.1	0.50 0.30 0.20 e 18.9 18.8 18.7 18.6 18.6 18.5 18.7 18.5 18.7 18.5 18.4	0.30 0.30 0.20 19.2 19.1 19.0 18.9 18.9 18.9 18.9 19.0 18.9 18.8	0.70 0.50 0.20 18.1 18.0 17.9 17.8 17.8 17.7 17.9 17.8 17.7	18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.4	0.50 0.20 viewed endwise 18.4 18.3 18.2 18.2 18.1 18.1 18.1	18.9 18.8 18.7 18.6 18.6 18.5 18.5	0.30 0.20 19.2 19.1 19.0 18.9 18.9 18.9
walls work pl. Room d x 2H 1 4H 4H	I. dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.50 0.20 18.1 18.0 17.9 17.8 17.8 17.7 17.9 17.8 17.7 17.8 17.7	0.30 0.20 18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2 18.4 18.2 18.1	0.50 0.20 viewed crosswis 18.4 18.3 18.2 18.2 18.1 18.1 18.1	0.30 0.20 e 18.9 18.8 18.7 18.6 18.6 18.5 18.7 18.5	0.30 0.20 19.2 19.1 19.0 18.9 18.9 18.9 18.9 19.0 18.9	0.50 0.20 18.1 18.0 17.9 17.8 17.8 17.7 17.9 17.8	0.30 0.20 18.7 18.5 18.4 18.3 18.2 18.2 18.4 18.4 18.2	0.50 0.20 viewed endwise 18.4 18.3 18.2 18.2 18.1 18.1 18.1 18.2 18.2 18.1	0.30 0.20 18.9 18.8 18.7 18.6 18.6 18.5 18.7 18.7 18.5	0.30 0.20 19.2 19.1 19.0 18.9 18.9 18.9 19.0 18.9
work pl. Room d 2 2 H 4 H 8 H	dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.20 18.1 18.0 17.9 17.8 17.8 17.7 17.9 17.8 17.7 17.6	0.20 18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2 18.4 18.2 18.1	0.20 viewed crosswis 18.4 18.3 18.2 18.2 18.1 18.1 18.2 18.1 18.2 18.1	0.20 e 18.9 18.8 18.7 18.6 18.6 18.5 18.7 18.5	0.20 19.2 19.1 19.0 18.9 18.9 18.9 18.9 19.0 18.9	0.20 18.1 18.0 17.9 17.8 17.8 17.7 17.9 17.9	0.20 18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2	0.20 viewed endwise 18.4 18.3 18.2 18.2 18.1 18.1 18.2 18.1	0.20 18.9 18.8 18.7 18.6 18.6 18.5 18.7 18.7	0.20 19.2 19.1 19.0 18.9 18.9 18.9 19.0 18.9
Room d x 2H 4H 8H	dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	18.0 17.9 17.8 17.8 17.7 17.9 17.9 17.8 17.7 17.6	18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2 18.1	viewed crosswis 18.4 18.3 18.2 18.2 18.1 18.1 18.2 18.1 18.2 18.1 18.1	e 18.9 18.8 18.7 18.6 18.6 18.5 18.7 18.7	19.2 19.1 19.0 18.9 18.9 18.9 18.9 19.0 18.9	18.1 18.0 17.9 17.8 17.8 17.7 17.9 17.9	18.7 18.5 18.4 18.3 18.2 18.2 18.4 18.4 18.4	viewed endwise 18.4 18.3 18.2 18.2 18.1 18.1 18.2 18.1	18.9 18.8 18.7 18.6 18.6 18.5 18.7 18.7	19.2 19.1 19.0 18.9 18.9 18.9 19.0 18.9
2H 1 4H 1 8H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	18.0 17.9 17.8 17.8 17.7 17.9 17.9 17.8 17.7 17.6	18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2 18.4	18.4 18.3 18.2 18.2 18.1 18.1 18.1 18.2 18.1 18.1	18.9 18.8 18.7 18.6 18.6 18.5 18.5	19.1 19.0 18.9 18.9 18.9 19.0 18.9	18.0 17.9 17.8 17.8 17.7 17.9 17.8	18.7 18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.4	18.4 18.3 18.2 18.2 18.1 18.1 18.1	18.9 18.8 18.7 18.6 18.6 18.5 18.5	19.1 19.0 18.9 18.9 18.9 19.0 18.9
1 4H 1 8H	3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	18.0 17.9 17.8 17.8 17.7 17.9 17.9 17.8 17.7 17.6	18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2 18.1	18.3 18.2 18.2 18.1 18.1 18.1 18.2 18.1 18.1	18.8 18.7 18.6 18.6 18.5 18.5	19.1 19.0 18.9 18.9 18.9 18.9	18.0 17.9 17.8 17.8 17.7 17.9 17.8	18.5 18.4 18.3 18.2 18.2 18.2 18.4 18.2	18.3 18.2 18.2 18.1 18.1 18.1 18.2 18.2	18.8 18.7 18.6 18.6 18.5 18.5	19.1 19.0 18.9 18.9 18.9 19.0 18.9
1 4H 1 8H	4H 6H 8H 12H 2H 3H 4H 6H 8H	17.9 17.8 17.8 17.7 17.9 17.8 17.7 17.6	18.4 18.3 18.2 18.2 18.2 18.4 18.2 18.1	18.2 18.2 18.1 18.1 18.2 18.2 18.1 18.1	18.7 18.6 18.6 18.5 18.7 18.7	19.0 18.9 18.9 18.9 18.9	17.9 17.8 17.8 17.7 17.9 17.8	18.4 18.3 18.2 18.2 18.4 18.4	18.2 18.2 18.1 18.1 18.2 18.2 18.1	18.7 18.6 18.6 18.5 18.7 18.7	19.0 18.9 18.9 18.9 19.0 19.0
1 4H 1 8H	6H 8H 12H 2H 3H 4H 6H 8H	17.8 17.8 17.7 17.9 17.8 17.7 17.6	18.3 18.2 18.2 18.4 18.4 18.2 18.1	18.2 18.1 18.1 18.1 18.2 18.1 18.1	18.6 18.6 18.5 18.7 18.5	18.9 18.9 18.9 19.0 18.9	17.8 17.8 17.7 17.9 17.8	18.3 18.2 18.2 18.4 18.2	18.2 18.1 18.1 18.2 18.2 18.1	18.6 18.6 18.5 18.7 18.7	18.9 18.9 18.9 18.9 19.0 18.9
1 4H 1 8H	8H 12H 2H 3H 4H 6H 8H	17.8 17.7 17.9 17.8 17.7 17.6	18.2 18.2 18.4 18.2 18.1	18.1 18.1 18.2 18.1 18.1	18.6 18.5 18.7 18.5	18.9 18.9 19.0 18.9	17.8 17.7 17.9 17.8	18.2 18.2 18.4 18.2	18.1 18.1 18.2 18.1	18.6 18.5 18.7 18.5	18.9 18.9 19.0 19.0
1 4H 1 8H	12H 2H 3H 4H 6H 8H	17.7 17.9 17.8 17.7 17.6	18.2 18.4 18.2 18.1	18.1 18.2 18.1 18.1	18.5 18.7 18.5	18.9 19.0 18.9	17.7 17.9 17.8	18.2 18.4 18.2	18.1 18.2 18.1	18.5 18.7 18.5	18.9 19.0 18.9
4H 1 8H	2H 3H 4H 6H 8H	17.9 17.8 17.7 17.6	18.4 18.2 18.1	18.2 18.1 18.1	18.7 18.5	19.0 18.9	17.9 17.8	18.4 18.2	18.2 18.1	18.7 18.5	19.0 18.9
1 8H	3H 4H 6H 8H	17.8 17.7 17.6	18.2 18.1	18.1 18.1	18.5	18.9	17.8	18.2	18.1	18.5	18.9
1 8H	4H 6H 8H	17.7 17.6	18.1	18.1			100 10 20				
1 8H	6H 8H	17.6			18.4	18.8	177				
1 8H	8H		17.9			10.0	17.7	18.1	18.1	18.4	18.8
1 8H	1000	17.5		18.0	18.3	18.7	17.6	17.9	18.0	18.3	18.8
8Н	12H	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	17.9	18.0	18.3	18.7	17.5	17.9	18.0	18.3	18.7
		17.5	17.8	18.0	18.2	18.7	17.5	17.8	18.0	18.2	18.1
	4H	17.5	17.9	18.0	18.3	<mark>18</mark> .7	17.5	17.9	18.0	18.3	18.1
	6H	17.5	17.7	17.9	18.2	18.6	17.5	17.7	17.9	18.2	18.0
	8H	17.4	17.6	17.9	18.1	18.6	17.4	17.6	17.9	18.1	18.0
1	12H	17.4	17.5	17.9	18.0	18.5	17.4	17.5	17.9	18.0	18.5
12H	4H	17.5	17.8	18.0	18.2	18.7	17.5	17.8	18.0	18.2	18.7
	6H	17.4	17.6	17.9	18.1	18.6	17.4	17.6	17.9	18.1	18.0
	8H	17.4	17.5	17.9	18.0	18.5	17.4	17.5	17.9	18.0	18.5
Variatio	ons wi	th the ot	bserverp	osition	at spacin	ig:					
S= 1	1.0H		4	.1 / -9	.7			4	.1 / -9.	7	
1	1.5H		6.	.8 / -12	.0			6.	8 / -12	.0	