iGuzzini

Last information update: January 2025

### Product configuration: RM75.01

RM75.01: Adjustable recessed spotlight - body Ø92 - Wide Flood optic - 20.3W 2566.2Im - 4000K - White

#### Product code

RM75.01: Adjustable recessed spotlight - body Ø92 - Wide Flood optic - 20.3W 2566.2Im - 4000K - White

### Technical description

Adjustable spotlight for recessed installation. Load-bearing structure with contact frame and die-cast aluminium, adjustable lighting body. Steel wire fixing springs. Coupling and rotation element in high resistance plastic, designed as a stylish internal cover and a practical recessed mounting. Available rotation: 359° - Adjustability: +60° (external) -20° (internal). Optical assembly with an LED lamp. The anti-scratch reflector made of P.V.D (Physical Vapour Deposition) aluminium provides optimum performance levels in terms of yield and efficiency. Supplied with a dimmable DALI power supply unit connected to the luminaire. Possibility of installing a flat frontal accessory - glass cover or an elliptical distribution refractor. Interchangeable spotlights in all openings available as accessories.

Weight (Kg)

0.69

## Installation

Colour

Wiring

White (01)

Recessed in false ceiling - fixed via steel wire springs for thicknesses from 1 to 25 mm.

72 † 👷 ø 92



## Mounting ceiling recessed

Direct power line connection via the terminals on the power supply unit included.

Complies with EN60598-1 and pertinent regulations

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Technical data			
Im system:	2566	CRI (minimum):	80
W system:	20.3	Colour temperature [K]:	4000
Im source:	2730	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W,	126.4	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.)	94	assemblies:	
[%]:		Control:	DALI-2
Beam angle [°]:	56°		

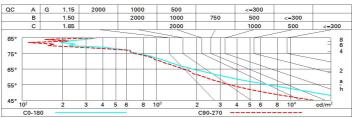
#### Polar

lmax=3358 cd	C0-180		Lux				
90° 180	<sup>0°</sup> 90°	nL 0.94 98-100-100-100-94 UGR 18.4-16.7	h	d1	d2	Em	Emax
	$\mathcal{A}$	DIN A.61	2	2.1	2.1	674	839
3000	X >	<b>UTE</b> 0.94A+0.00T F"1=980	4	4.3	4.3	169	210
	X	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	6	6.4	6.4	75	93
α=56°		LG3 L<3000 cd/m² at 65° UGR<19   L<3000 cd/mq @	65 <sup>8</sup>	8.5	8.5	42	52

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	84	80	76	74	79	76	75	72	77
1.0	88	84	81	79	83	80	80	77	82
1.5	93	89	87	85	88	86	85	83	88
2.0	95	93	91	90	92	90	89	87	92
2.5	97	96	94	93	94	93	92	89	95
3.0	99	97	96	95	96	95	94	91	97
4.0	100	99	98	97	97	97	95	93	99
5.0	100	100	99	99	98	98	96	94	100

# Luminance curve limit



# UGR diagram

4H	v dim y 2H 3H 4H 8H 12H 2H 3H 4H 6H	0.70 0.50 0.20 19.0 18.8 18.8 18.7 18.7 18.7 18.6 18.8 18.6 18.6 18.5	0.70 0.30 0.20 19.6 19.4 19.3 19.1 19.1 19.0 19.3 19.0 18.9	0.50 0.20 viewed trosswis 19.2 19.2 19.1 19.0 19.0 19.0 19.0	0.50 0.30 0.20 e 19.8 19.6 19.6 19.5 19.4 19.4 19.4	0.30 0.30 0.20 20.0 19.9 19.9 19.8 19.8 19.8 19.7 19.9 19.7	0.70 0.50 0.20 17.2 17.1 17.0 16.9 16.9 16.9 16.9	17.8 17.6 17.5 17.4 17.4 17.3	0.50 0.20 viewed endwise 17.5 17.4 17.4 17.3 17.3 17.3 17.2	0.50 0.30 0.20 18.1 17.9 17.8 17.7 17.7 17.7 17.6	0.30 0.20 18.3 18.2 18.1 18.0 18.0 18.0 18.0
work pl. Room d x 2H 4H	dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	0.20 19.0 18.8 18.8 18.7 18.7 18.7 18.6 18.8 18.6 18.5	0.20 19.6 19.4 19.3 19.1 19.1 19.0 19.3 19.0	0.20 viewed crosswis 19.2 19.1 19.0 19.0 19.0 19.0 19.1 19.0	0.20 e 19.8 19.6 19.6 19.5 19.4 19.4 19.4	0.20 20.0 19.9 19.8 19.8 19.8 19.7 19.9	0.20 17.2 17.1 17.0 16.9 16.9 16.9 17.0	0.20 17.8 17.6 17.5 17.4 17.4 17.3 17.5	0.20 viewed endwise 17.5 17.4 17.4 17.3 17.3 17.2	0.20 18.1 17.9 17.8 17.7 17.7 17.6	0.20 18.3 18.2 18.0 18.0 18.0
Room d x 2H 4H	dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	19.0 18.8 18.8 18.7 18.7 18.6 18.8 18.6 18.5	19.6 19.4 19.3 19.1 19.1 19.0 19.3 19.0	viewed crosswis 19.2 19.1 19.0 19.0 19.0 19.0 19.1 19.1 19.0	e 19.8 19.6 19.6 19.5 19.4 19.4 19.4	20.0 19.9 19.9 19.8 19.8 19.8 19.7	17.2 17.1 17.0 16.9 16.9 16.9 16.9	17.8 17.6 17.5 17.4 17.4 17.3	viewed endwise 17.5 17.4 17.4 17.3 17.3 17.2	18.1 17.9 17.8 17.7 17.7 17.7	18.3 18.2 18.1 18.0 18.0 18.0
х 2Н 4Н	У 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	18.8 18.8 18.7 18.7 18.6 18.8 18.6 18.5	19.6 19.4 19.3 19.1 19.1 19.0 19.3 19.0	19.2 19.2 19.1 19.0 19.0 19.0 19.0 19.0	19.8 19.6 19.5 19.4 19.4 19.4	19.9 19.9 19.8 19.8 19.7 19.7	17.1 17.0 16.9 16.9 16.9 16.9	17.8 17.6 17.5 17.4 17.4 17.3	endwise 17.5 17.4 17.4 17.3 17.3 17.3 17.2	18.1 17.9 17.8 17.7 17.7 17.6	18.2 18.1 18.0 18.0 18.0
2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	18.8 18.8 18.7 18.7 18.6 18.8 18.6 18.5	19.6 19.4 19.3 19.1 19.1 19.0 19.3 19.0	19.2 19.2 19.1 19.0 19.0 19.0 19.0 19.1 19.1	19.8 19.6 19.5 19.4 19.4 19.4	19.9 19.9 19.8 19.8 19.7 19.7	17.1 17.0 16.9 16.9 16.9 16.9	17.8 17.6 17.5 17.4 17.4 17.3	17.5 17.4 17.4 17.3 17.3 17.2	18.1 17.9 17.8 17.7 17.7 17.6	18.2 18.1 18.0 18.0 18.0
4H	3H 4H 6H 8H 12H 2H 3H 4H 6H	18.8 18.8 18.7 18.7 18.6 18.8 18.6 18.5	19.4 19.3 19.1 19.1 19.0 19.3 19.0	19.2 19.1 19.0 19.0 19.0 19.1 19.1	19.6 19.5 19.4 19.4 19.4	19.9 19.9 19.8 19.8 19.7 19.7	17.1 17.0 16.9 16.9 16.9 16.9	17.6 17.5 17.4 17.4 17.3	17.4 17.4 17.3 17.3 17.2	17.9 17.8 17.7 17.7 17.6	18.2 18.1 18.0 18.0 18.0
4H	4H 6H 8H 12H 2H 3H 4H 6H	18.8 18.7 18.7 18.6 18.8 18.6 18.5	19.3 19.1 19.1 19.0 19.3 19.0	19.1 19.0 19.0 19.0 19.1 19.1	19.6 19.5 19.4 19.4 19.4	19.9 19.8 19.8 19.7 19.7	17.0 16.9 16.9 16.9 16.9	17.5 17.4 17.4 17.3 17.5	17.4 17.3 17.3 17.2	17.8 17.7 17.7 17.6	18. 18.( 18.( 18.(
4H	6H 8H 12H 2H 3H 4H 6H	18.7 18.7 18.6 18.8 18.6 18.5	19.1 19.1 19.0 19.3 19.0	19.0 19.0 19.0 19.1 19.1	19.5 19.4 19.4 19.6	19.8 19.8 19.7 19.9	16.9 16.9 16.9 16.9	17.4 17.4 17.3 17.5	17.3 17.3 17.2	17.7 17.7 17.6	18.0 18.0 18.0
4H	8H 12H 2H 3H 4H 6H	18.7 18.6 18.8 18.6 18.5	19.1 19.0 19.3 19.0	19.0 19.0 19.1 19.0	19.4 19.4 19.6	19.8 19.7 19.9	16.9 16.9 17.0	17.4 17.3 17.5	17.3 17.2	17.7 17 <mark>.</mark> 6	18.( 18.(
4H	12H 2H 3H 4H 6H	18.6 18.8 18.6 18.5	19.0 19.3 19.0	19.0 19.1 19.0	19.4 19.6	19.7 19.9	16.9 17.0	17.3 17.5	17.2	17 <mark>.6</mark>	18.0
4H	2H 3H 4H 6H	18.8 18.6 18.5	19.3 19.0	19.1 19.0	19.6	19.9	17.0	17.5	1995-29	204 000	10,000
	3H 4H 6H	18.6 18.5	19.0	19.0					17.4	17.8	18.
6	4H 6H	18.5			19.4	19.7	16.0				
6	6H	1000	18.9	100			10.9	17.3	17.3	17.6	18.
6		10 4		18.9	19.3	19.7	16.8	17.2	17.2	17.5	17.9
6		18.4	18.8	18.9	19.2	19.6	16.7	17.0	17.1	17.4	17.
	HS	18.4	18.7	18.8	19.1	19.5	16.7	17.0	17.1	17.4	17.
вн	12H	18.3	18.6	18.8	19.0	19.5	16.6	16.9	17.1	17.3	17.
	4H	18.4	18.7	18.8	19.1	19.5	16.7	17.0	17.1	17.4	17.
	6H	18.3	18.5	18.8	19.0	19.5	16.6	16.8	17.0	17.3	17.
	8H	18.2	18.5	18.7	18.9	19.4	16.5	16.7	17.0	17.2	17.1
	12H	18.2	18.4	18.7	<mark>18.9</mark>	19.4	16.5	16.6	17.0	17.1	17.
12H	4H	18.3	18.6	18.8	19.0	19.5	16.6	16.9	17.1	17.3	17.
	6H	18.2	18.5	18.7	18.9	19.4	16.5	16.7	17.0	17.2	17.
	H8	18.2	18.4	18.7	18.9	19.4	16.5	16.6	17.0	17.1	17.0
Variatio	ons wit	th the ot	oserver p	osition	at spacin	g:					
S= 1	1.0H		5.	6 / -12	.7			5.	8 / -14	.2	
1	1.5H		8.	.4 / -17	.1			8.	6 / -16	.7	