

## Reflex

Design iGuzzini

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adjustable luminaire - Ø 96 mm - warm white - medium optic - minimal

**Product code**  
N035

### Technical description

Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a warm white colour tone 3000K. Version without rim for mounting flush with ceiling. Lower reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Anodised aluminium upper reflector. Black, zinc-plated sheet steel bracket. The luminaire can be rotated 30° relative to the horizontal plane and 358° about the vertical axis. The luminaire is fitted with mechanical locks for light beam aiming. Painted extruded aluminium dissipater.

### Installation

Installation flush with the ceiling is for false ceilings 12.5 mm thick

**Dimension (mm)**  
Ø93x134

**Colour**  
Aluminium (12)

**Weight (Kg)**  
0.49

### Mounting

ceiling recessed

### Wiring

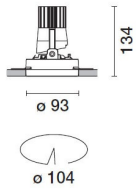
Product complete with electronic components

Complies with EN60598-1 and pertinent regulations



IP20

IP23



**Product configuration: N035**

### Product characteristics

Total lighting output [Lm]: 687.9  
Total power [W]: 13.1  
Luminous efficacy [Lm/W]: 52.5  
Life Time: 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

### Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 46  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 11  
Nominal luminous [Lm]: 1500  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 25°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 2.1  
Colour temperature [K]: 3000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 2

### Polar

Imax=3137 cd		C0-180		CIE		Lux				
90°	180°	90°		nL 0.46	h	d1	d2	Em	Emax	
				99-100-100-100-46	2	0.9	0.9	591	784	
				DIN A.61	4	1.8	1.8	148	196	
				UTE 0.46A+0.00T	6	2.7	2.7	66	87	
				F*1=995	8	3.5	3.5	37	49	
				F*1+F*2=1000						
				F*1+F*2+F*3=1000						
				CIBSE LG3 L<500 cd/m <sup>2</sup> at 65°						
α=25°										

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	41	39	38	37	39	37	37	36	78
1.0	43	41	40	39	41	40	39	38	83
1.5	45	44	43	42	43	42	42	41	88
2.0	47	46	45	44	45	44	44	43	93
2.5	48	47	46	46	46	46	45	44	96
3.0	48	48	47	47	47	46	46	45	98
4.0	49	48	48	48	48	47	47	46	99
5.0	49	49	48	48	48	48	47	46	100

Luminance curve limit

