Reflex

Design iGuzzini   **iGuzzini**

Last information update: May 2018

Fixed circular recessed luminaire - Ø212 mm - warm white - flood optic - UGR<10
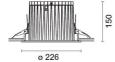
Product code
P532

Technical description
Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Optic with supercomfort reflector vacuum-metallised with aluminium vapours and an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in warm white colour tone CRI 90 (3000K). General light emission, with controlled luminance UGR<10 1500 cd/m2 α>65° flood optic.

Installation
Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 20 mm.

Dimension (mm)
Ø226x150

Colour
White/Aluminium (39)

Weight (Kg)
2

Mounting
ceiling recessed

Wiring
product complete with DALI components

Complies with EN60598-1 and pertinent regulations

IP20   IP54   On the visible part of
               the product once installed

CE   A++

Product configuration: P532

Product characteristics

Total lighting output [Lm]: 4729.8	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 57.8	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 81.8	Voltage [V]: -
Life Time: 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 79	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 5.8
Nominal power [W]: 52	Colour temperature [K]: 3000
Nominal luminous [Lm]: 6000	CRI: 90
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 30°	MacAdam Step: 2

Polar

Imax=15748 cd

CIE
nL 0.79
99-100-100-100-79
DIN
A.61
UTE
0.79A+0.00T
F"1=994
F"1+F"2=999
F"1+F"2+F"3=1000
CIBSE
LG3 L<500 cd/m² at 65°

α=30°

h	d	Em	Emax
2	1.1	3280	3937
4	2.1	820	984
6	3.2	364	437
8	4.3	205	246

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	62	78
1.0	74	71	68	67	70	68	68	65	83
1.5	78	75	73	72	74	73	72	70	88
2.0	80	78	77	76	77	76	75	73	93
2.5	82	80	79	78	79	78	77	75	96
3.0	83	82	81	80	81	80	79	77	98
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	82	82	81	79	100

Luminance curve limit

QC										
A	G	1.15	2000	1000	500		<=300			
B		1.50		2000	1000	750	500	<=300		
C		1.85			2000		1000	500	<=300	

C0-180   C90-270