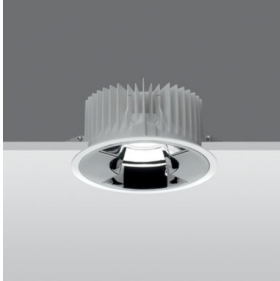**Reflex**

Last information update: April 2024

Product configuration: MB69
MB69: Round recessed luminaire - D=226 mm H=103 mm - LED warm white - electronic ballast - optic with asymmetrical double emission

Product code
MB69: Round recessed luminaire - D=226 mm H=103 mm - LED warm white - electronic ballast - optic with asymmetrical double emission **Attention! Code no longer in production**

Technical description
Recessed fixed round luminaire designed to use a LED lamp. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with 3000 lm LED unit in a warm tone 3000K and electronic driver separate from the luminaire. Double asymmetrical light distribution.

Installation
Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

Colour
White / Aluminium (39)
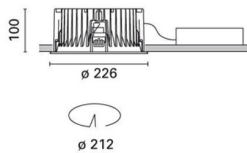
Mounting
ceiling recessed

Wiring
Product complete with electronic components
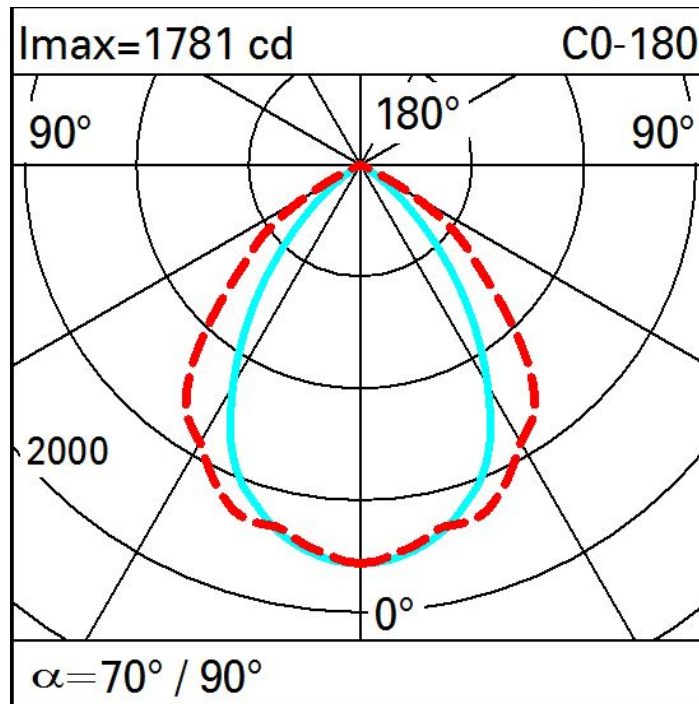
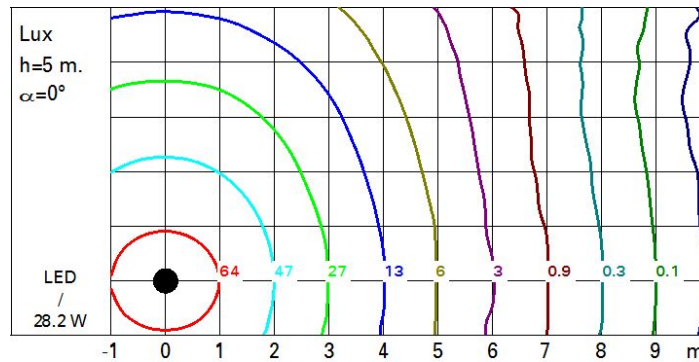Complies with EN60598-1 and pertinent regulations

IP20 IP23 CE 03 pending

Technical data

lm system:	2819	CRI:	80
W system:	28.2	Colour temperature [K]:	3000
lm source:	3000	MacAdam Step:	3
W source:	24	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	100	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	94	Number of optical assemblies:	1

Polar

Imax=1781 cd

C0-180

90°   180°   90°

2000

0°

$\alpha=70° / 90°$

Isolux

Lux
h=5 m.
$\alpha=0°$

LED
/
28.2 W

64   47   27   13   6   3   0.9   0.3   0.1

-1   0   1   2   3   4   5   6   7   8   9   m

Illuminances

Lux   Wall distance = 1m

3

0.2   7   27   7   0.2

2   0.1—6—58—191·306·191—58—6—0.1

0.4   6   27   86   191   250   191   86   27   6   0.4

1   4—13—34—77·123·144·123—77—34—13—4

7   17   34   57   78   87   78   57   34   17   7

0

m   -2   -1   0   1   2   3