Ledplus

Design iGuzzini   **iGuzzini**
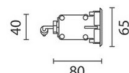
Last information update: May 2018

small body for floor-white washer effect

Product code
BB59

Technical description
Luminaire designed to use white LEDs for floor washing/signalling purposes that can be recessed, wall-mounted, applied to the floor or into a garden. It is made up of main body, closing glass, frame and outer casing (upon request).The small linear body is made of extruded aluminium with diecast-aluminium end caps painted black. The AISI 304-stainless-steel frame is 2.5 mm thick. It has two AISI 304-stainless-steel captive screws (used to anchor the body to the outer casing) and welded stud bolts. The outer casing used for installation must be ordered separately from the optical assembly. It is made of extruded aluminium and stainless steel (wall or floor application).The optical assembly is closed at the top by a transparent hardened sodium-lime glass fixed to the body by means of silicone. The body is fixed to the frame/glass unit by means of turned elements in stainless steel AISI 304.A stainless-steel cable clamp PG11 is used on the wiring system. The product comes complete with power supply cable L = 300 mm type H05RN-F 2x1 mm². The power supply cable includes an anti-transpiration device.The unit made up of frame, glass, optical assembly and outer casing ensures resistance to 1000-kg static load in compliance with Standard EN60598-2-13.The LEDs are controlled by means of Effect Equalizer.Maximum glass surface temperature is lower than 40°C.All external screws are made of stainless steel AISI 304.

Installation
Recessed application by means of an outer casing for embedding (to be ordered separately). The outer casing is available in the 100-mm version made of painted extruded aluminium and painted stainless steel. It is complete with end cap (wall or floor application).

Dimension (mm)
600x65x80

Colour
Steel (13)

Weight (Kg)
1.85

Mounting
wall recessed|ground recessed

Wiring
The fitting may have the following ballasts: traditional, for DIN bar (1-10W, 20-30W, 60-120W), water-tight resin-coated.The product comes complete with an outgoing power-supply cord (L = 300 mm) H05RNF 2x1 mm² type and an electronic plate with LED 24V DC.

Notes
Fitting complete with lamp. Cool white (6700K), green and amber colours available upon request.

Complies with EN60598-1 and pertinent regulations

960°C   IK09   IP67

CE   CCC S&E   ⊕⊚   CIDE⸌   EHC   A++

Product configuration: BB59

Product characteristics
Total lighting output [Lm]: 70.8
Total power [W]: 8
Luminous efficacy [Lm/W]: 8.8
Life Time: 66,000h - L80 - B10 (Ta 25°C)
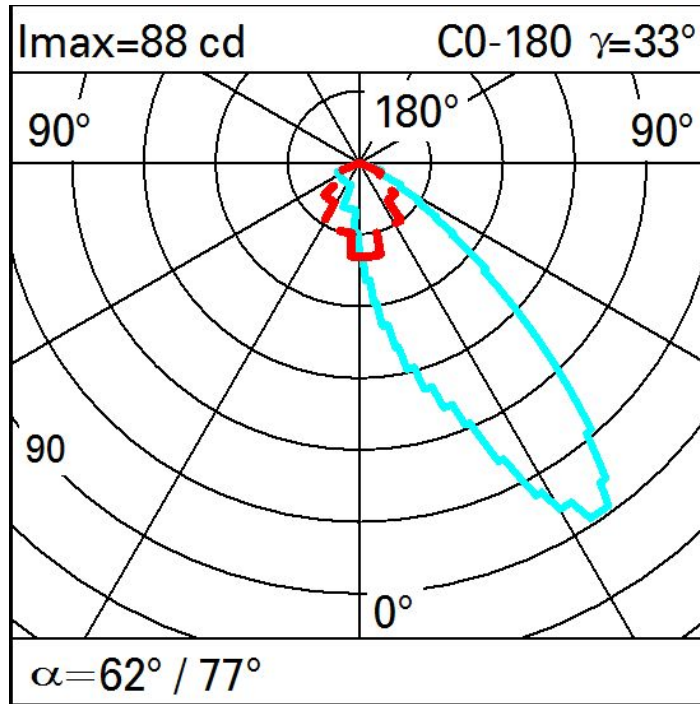Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Ambient temperature range: from -20°C to +35°C.

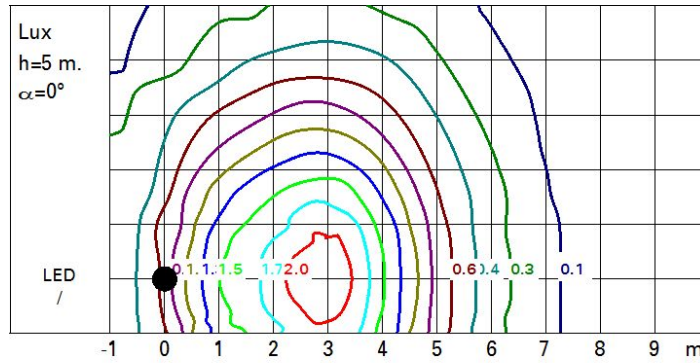**Optical assembly Characteristics Type 1**
Light Output Ratio (L.O.R.) [%]: 12
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 6
Nominal luminous [Lm]: 580
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

Polar

Imax=88 cd   C0-180 γ=33°

90°   180°   90°

90

0°

α=62° / 77°

Isolux

Lux
h=5 m.
α=0°

LED
/

0.1 1. 1.5 1.7 2.0   0.6 0.4 0.3   0.1

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

Illuminances

Lux   Wall distance = 1m

3

2   4   3   2

2   0.3 0.6 1.0 2   4   7   4   1 0.3 0.2

0.2 0.3 0.4 0.6 0.8 3   5   6   2 0.8 0.3

1   0.1 0.2 0.3 0.4 0.9 1   3   4   3   2 0.6

0.1 0.1 0.2 0.2 0.5 0.8 2   2   2   2 0.9

0

m   -2   -1   0   1   2   3