

LEDiL

BILLIE

wall-washing
made possible
by LEDiL



BILLIE – The Bright Answer for Billboard Lighting

XB-D
XT-E
XP-G
XP-E
LX Rebel
LX Rebel ES
LX A
LX R
NCS19
NVS19
NF2757
NSSW157
OsI SSL80
OsI SSL150
Z5

BILLIE, a rectangular wall-washing optic with excellent beam uniformity; another unique innovation made possible by LEDiL. Especially designed for indoor and outdoor architectural and billboard lighting, BILLIE is the perfect solution for small concealed fixtures. The asymmetrically tilted beam ensures uniform illumination on vertical surfaces. BILLIE is compatible with a variety of lighting class LEDs manufactured by Cree, Osram, Nichia or Philips Lumileds.

KEY FEATURES

- Outer diameter 21,6 mm compliant with other LEDiL products
- Excellent efficiency, fewer LEDs needed
- Distance-height ratio of 1:3, distance-width ratio of 1:2
- Precision molded lens made from optical grade PMMA
- Durable polycarbonate holder
- Easy and accurate mounting using positioning pins

MARKETS and TYPICAL APPLICATIONS

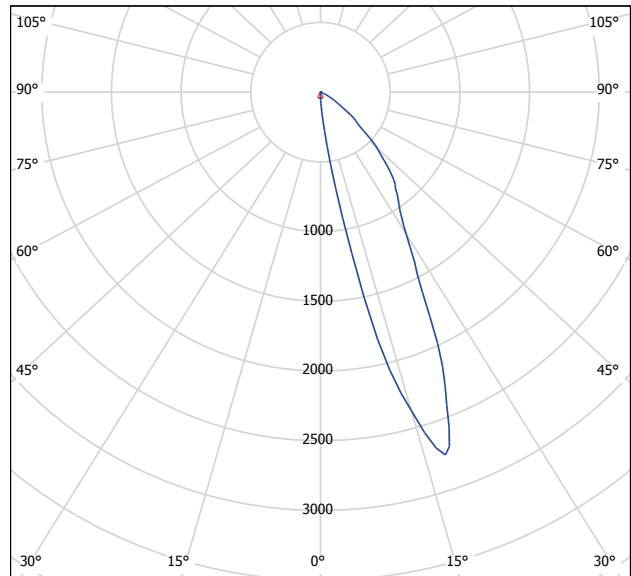
- Billboard lighting
- Wall-washing
- Retail lighting
- Museums



FCA13329_BILLIE-A

TECHNICAL SPECIFICATIONS

- Diameter $\varnothing 21.49$
- Height: 16,19 mm
- Typical efficiency 85 %
- Beam tilt angle 20°
- Vertically uniform rectangular wall-washing type beam
- Asymmetric single optic
- RoHS and REACH compliant
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to $+80^\circ\text{C}$



cd/klm

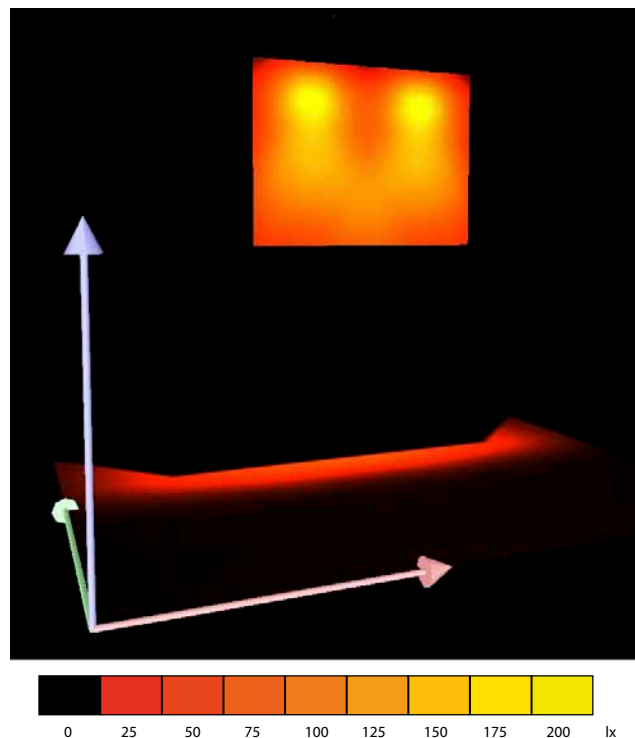
— C90-C270

SIMULATED APPLICATION

Simulated application example of energy efficient billboard lighting.
Billboard area is 4 m x 3 m.

Lighting fixtures are installed 0,5 meter above the top edge and one meter from the billboard surface.

- Luminous flux: 884 lm
- E_m 104 lx
- E_{max} 218 lx
- Typical uniformity 1:2



ORDERING INFORMATION

FN13888_BILLIE-A

FCA13329_BILLIE-A

Consult www.ledil.com for ordering codes and latest product specifications, which may vary by LED