

EMERALD-MAXI-A – Wide strip of even illumination

EMERALD-MAXI-A is LEDiL's new area lighting optic with excellent illuminance uniformity over long distances. EMERALD-MAXI-A is suitable for IESNA Type I Medium street lighting, retrofit street lighting applications, emergency escape lighting as well as pedestrian and security street lighting applications when tilted around 15 deg.

The lens features extremely wide batwing type two sided beam with a narrow cutoff on the transversal axis. EMERALD-MAXI-A is optimized for the high power domed multi-crystal LEDs like Luxeon M from Philips Lumileds and MK-R from Cree.

FEATURES and BENEFITS

- IESNA Type I Medium light distribution
- Great illuminance uniformity, features wide strip of light

TYPICAL APPLICATIONS

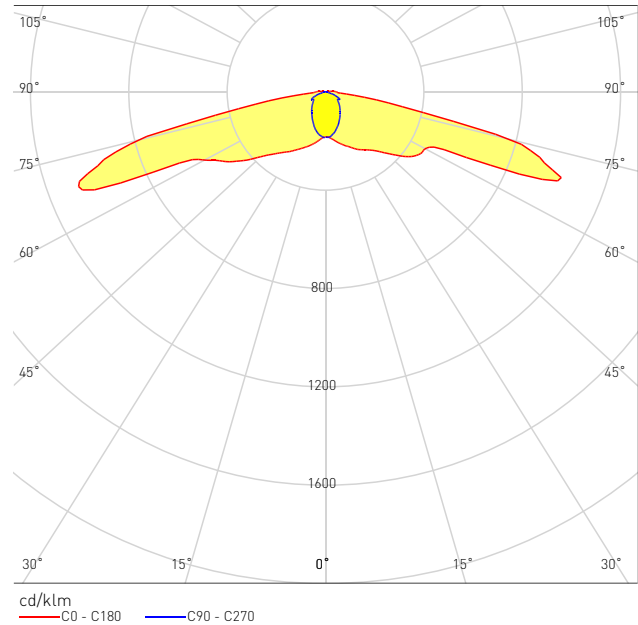
- Different technical lighting applications
- Emergency escape lighting
- Type I street lighting
- Pedestrian and security street lighting
- Retrofit street lights



CA14523_EMERALD-MAXI-A

TECHNICAL SPECIFICATIONS

- Dimensions: 33 x 25 mm
- Height: 12.2 mm
- Mounts with glue, pins or adhesive tape
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



APPLICATION EXAMPLE

Bicycle lane (EN 1320 - S6)

- Distance: 32 m (1:8)
- Overhang: -0.5 m
- Pole height: 4 m
- Lane width: 2 m
- Boom angle: 10 deg
- Luxeon M, 700 lm
- 0.80 maintenance factor
- U_o : < 0.3

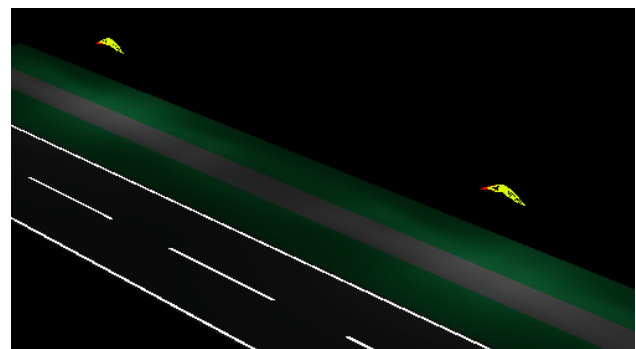
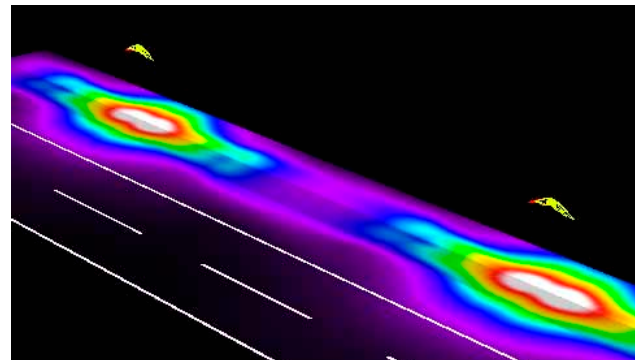
E_{av} (lx)

2.47
≥ 2.00



E_{min} (lx)

0.77
≥ 0.60



ORDERING INFORMATION

C14522_EMERALD-MAXI-A (without tape)

CA14523_EMERALD-MAXI-A (with installation tape)

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