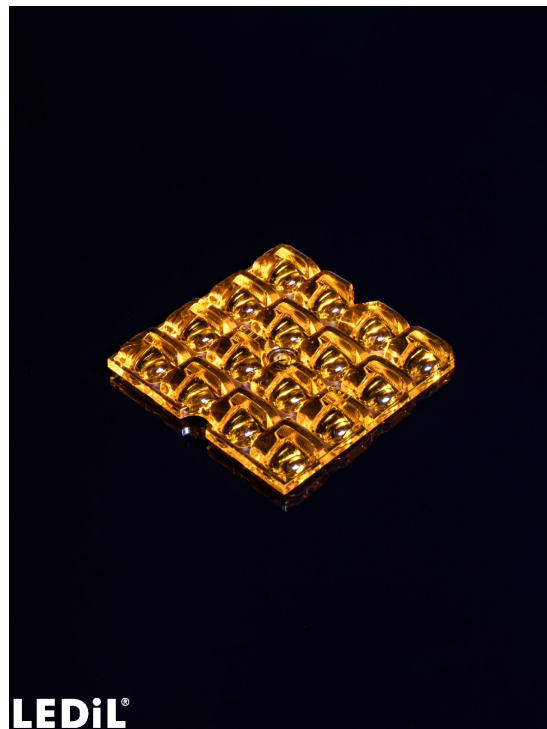


## AMBER-16-ME

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less the pole height.

## SPECIFICATION:

Dimensions	49.5 x 49.5
Height	4.9 mm
Fastening	screw
ROHS compliant	yes ⓘ

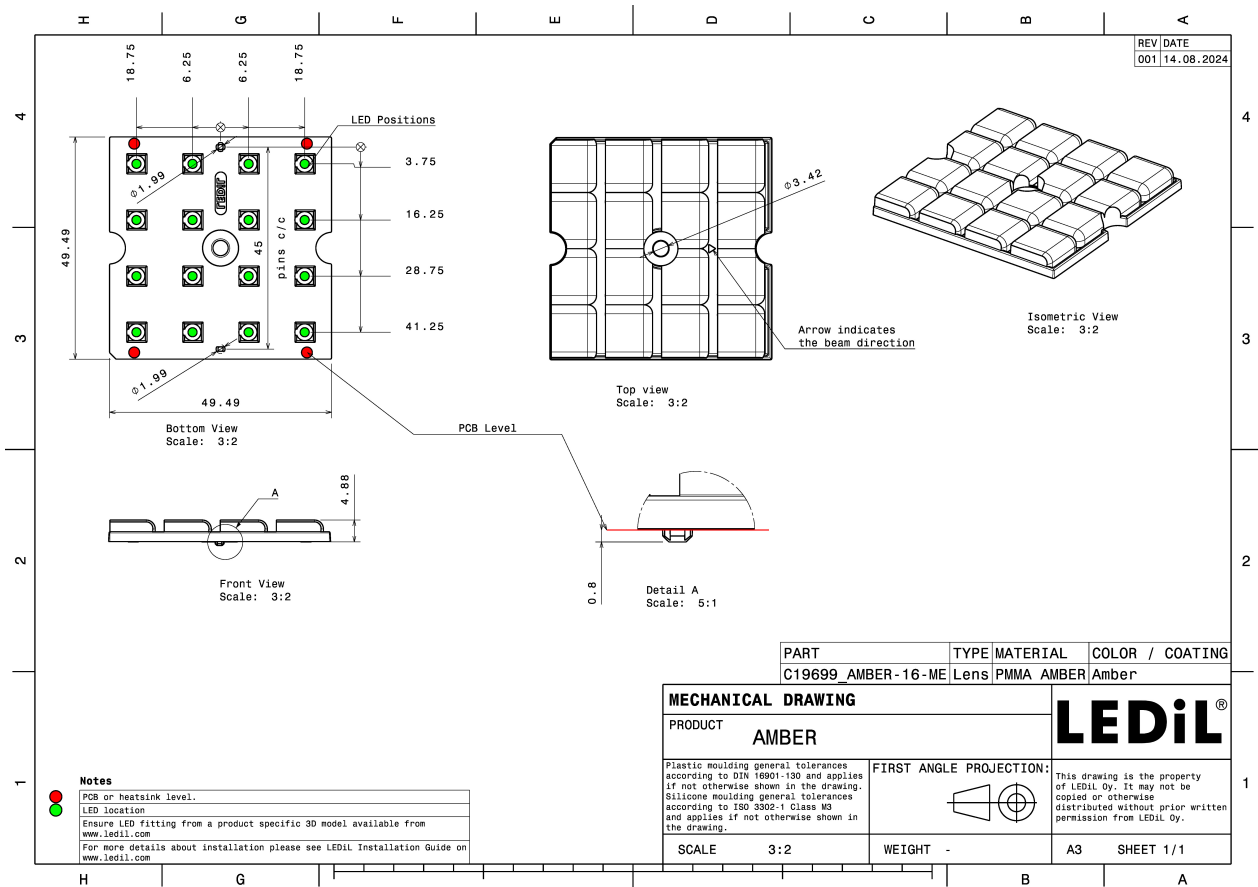


## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
AMBER-16-ME	Multi-lens	PMMA	amber		

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19699_AMBER-16-ME	800	160	160	7.8
» Box size: 480 x 280 x 300 mm				

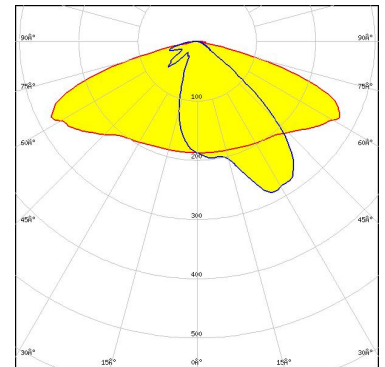


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



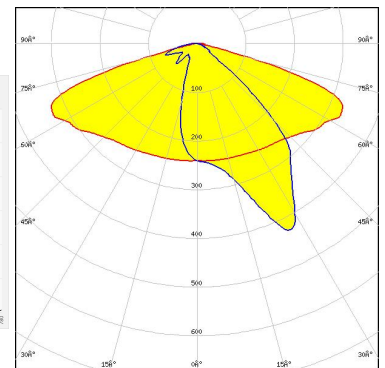
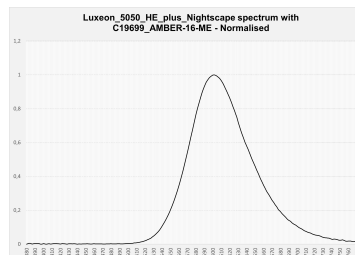
LED J Series 3030  
FWHM / FWTM Asymmetric  
Efficiency 73 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



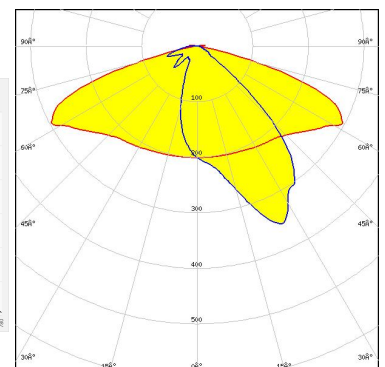
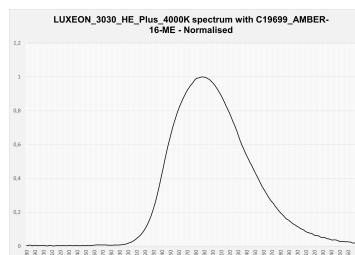
LED LUXEON 3030 HE Plus  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Amount of Blue light (380-500 nm) 0.2 %  
CCT (LED/with lens)\* 1847K/K  
Required components:



Light distribution files



LED LUXEON 3030 HE Plus  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Amount of Blue light (380-500 nm) 0.5 %  
CCT (LED/with lens)\* 3833K/2408K  
Required components:

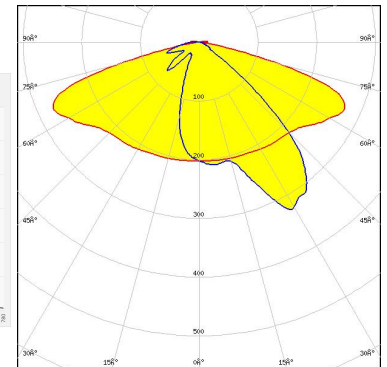
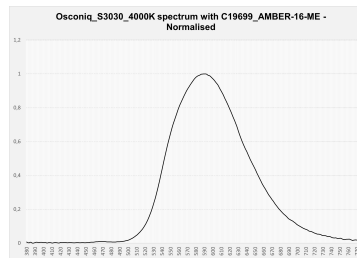


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

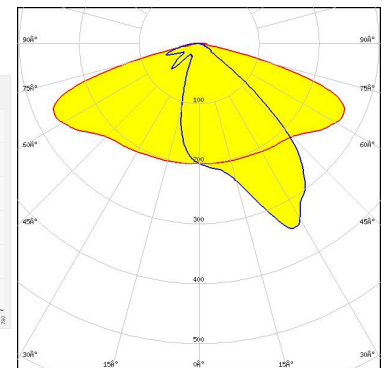
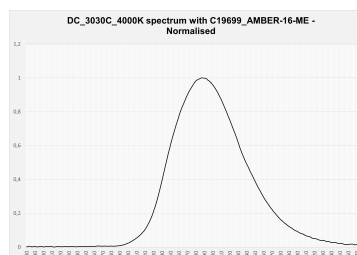
LED OSCONIQ S 3030 (QSLMS2.HM)  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.5 cd/m  
LEDs/each optic 1  
Light colour/type White  
Amount of Blue light (380-500 nm) 0.5 %  
CCT (LED/with lens)\* 3857K/2399K  
Required components:



Light distribution files

**SEOUL**  
SEMICONDUCTOR

LED SEOUL DC 3030C  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.5 cd/m  
LEDs/each optic 1  
Light colour/type White  
Amount of Blue light (380-500 nm) 0.6 %  
CCT (LED/with lens)\* 3883K/2394K  
Required components:



Light distribution files

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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