

## ANGIE-M

~20° medium beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 34.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

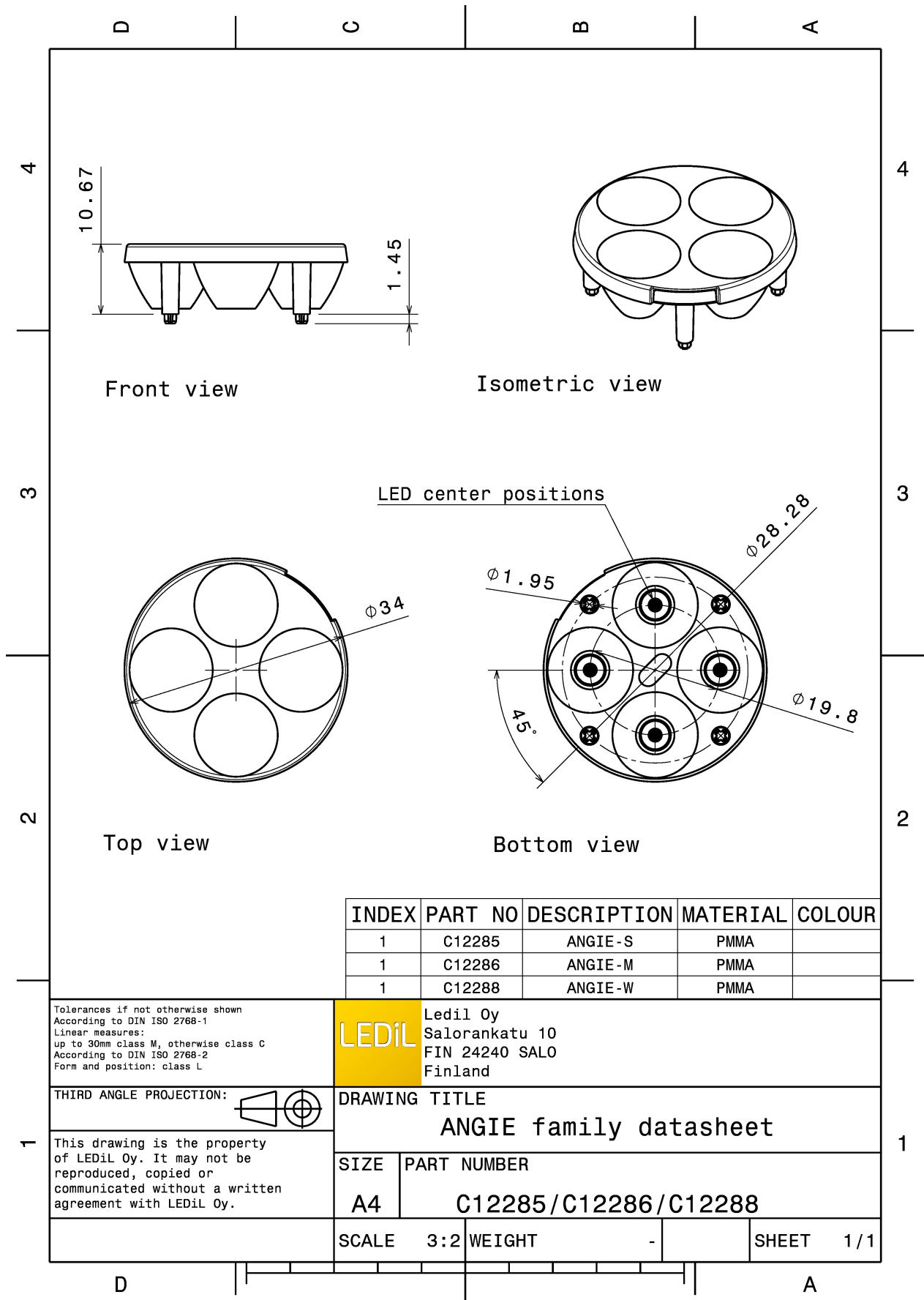
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANGIE-M	Multi-lens	PMMA	clear	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12286_ANGIE-M » Box size: 480 x 280 x 300 mm	1254	132	66	8.4



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

### PHOTOMETRIC DATA (MEASURED):

#### CREE

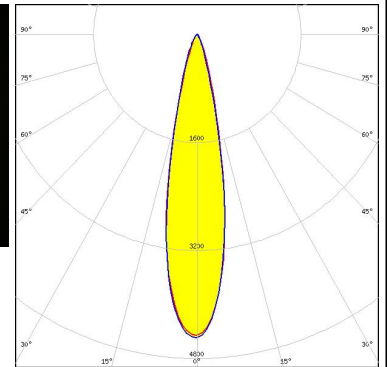
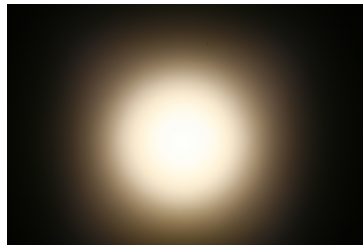
LED XP-E  
 FWHM / FWTM 23.0° / 40.0°  
 Efficiency 86 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### CREE

LED XP-G  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 88 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

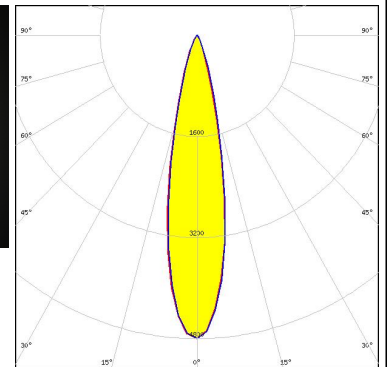
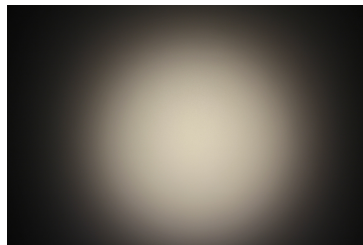
#### LUMILEDS

LED LUXEON T  
 FWHM / FWTM 22.0° / 41.0°  
 Efficiency 90 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

LED LUXEON TX  
 FWHM / FWTM 22.0° / 42.0°  
 Efficiency 89 %  
 Peak intensity 4.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

### OSRAM

Opto Semiconductors

LED OSLON Square EC  
FWHM / FWTM 22.0° / 42.0°  
Efficiency 88 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### OSRAM

Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 16.0° / 32.0°  
Efficiency 91 %  
Peak intensity 6.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### OSRAM

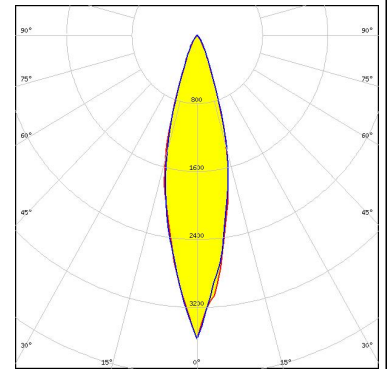
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 16.0° / 32.0°  
Efficiency 87 %  
Peak intensity 6.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

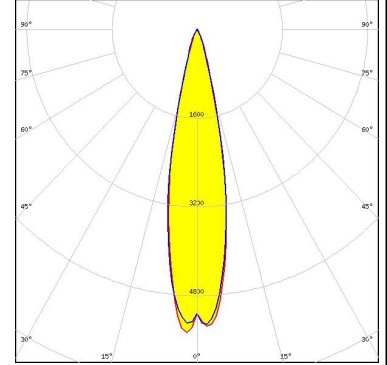
### PHOTOMETRIC DATA (SIMULATED):



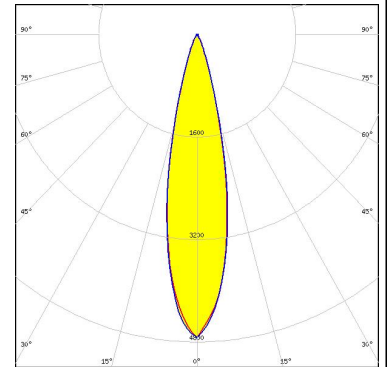
LED XP-L HD  
 FWHM / FWTM 25.0° / 48.0°  
 Efficiency 89 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON H50-2  
 FWHM / FWTM 22.0° / 37.0°  
 Efficiency 92 %  
 Peak intensity 5.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

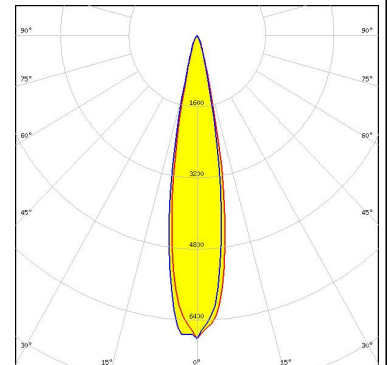


LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 23.0° / 41.0°  
 Efficiency 93 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM / FWTM 20.0° / 34.0°  
 Efficiency 92 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### 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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