

VIRPI-M

~30° medium beam

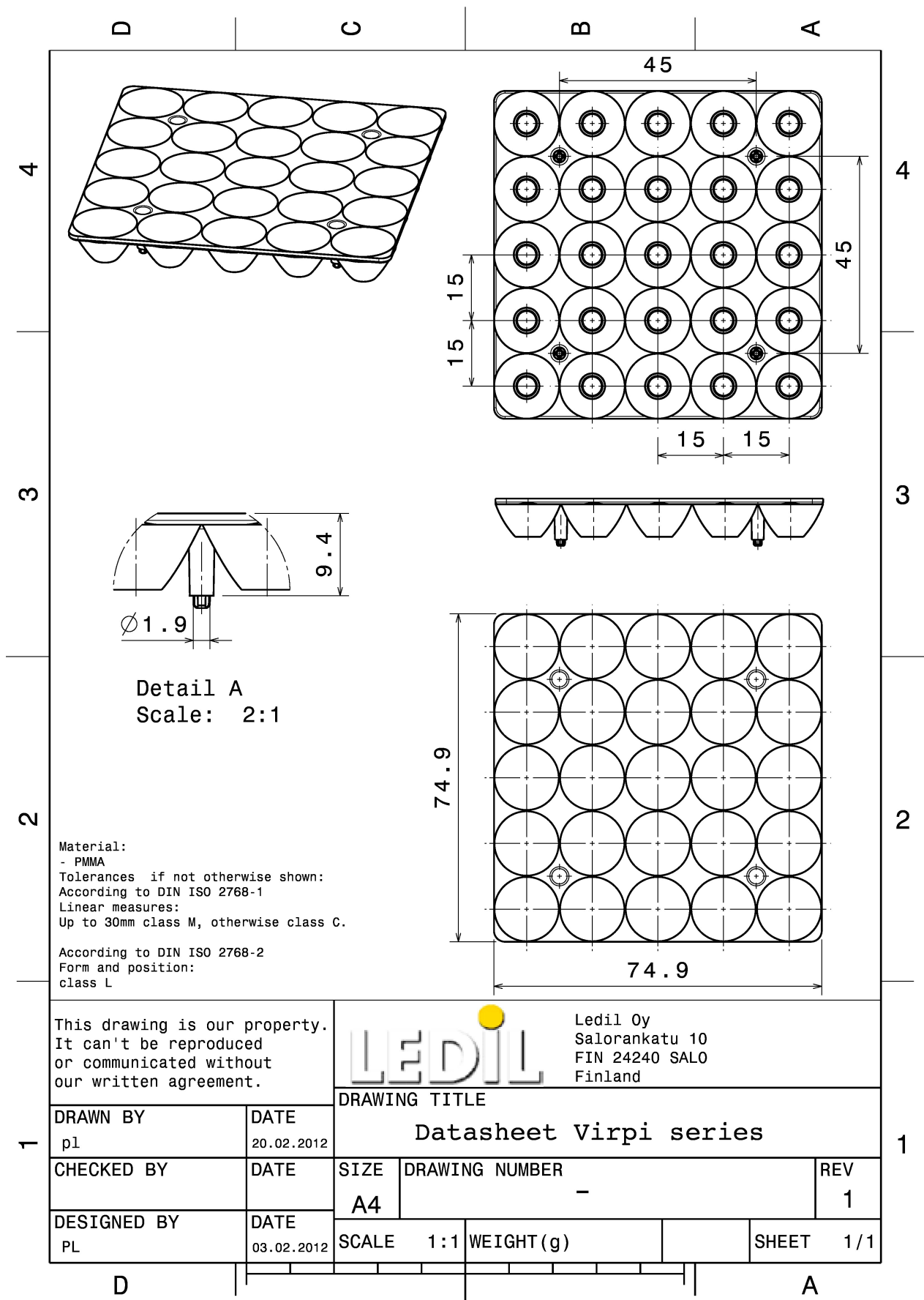
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | 74.9 x 74.9 mm |
| Height | 9.5 mm |
| Fastening | glue, pin |
| Colour | clear |
| Box size | 480 x 280 x 300 mm |
| Box weight | 12.2 kg |
| Quantity in Box | 360 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|-----------|------------|----------|--------|
| VIRPI-M | Lens array | PMMA | clear |

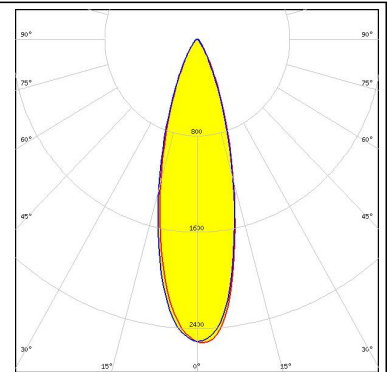


| | | | | | |
|---|------------|------------------------|----------------|---|-------|
| This drawing is our property. It can't be reproduced or communicated without our written agreement. | | LEDiL | | Ledil Oy Salorankatu 10 FIN 24240 SALO Finland | |
| DRAWING TITLE | | Datasheet Virpi series | | | |
| DRAWN BY | DATE | SIZE | DRAWING NUMBER | | REV |
| p1 | 20.02.2012 | A4 | - | | 1 |
| CHECKED BY | DATE | SCALE | 1:1 | WEIGHT (g) | SHEET |
| DESIGNED BY | DATE | | | | 1/1 |
| PL | 03.02.2012 | | | | |

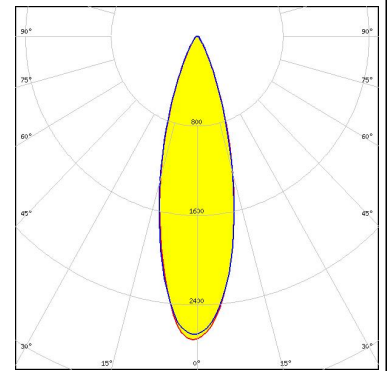
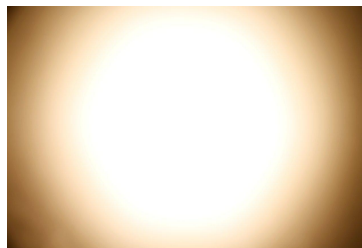
PHOTOMETRIC DATA (MEASURED):



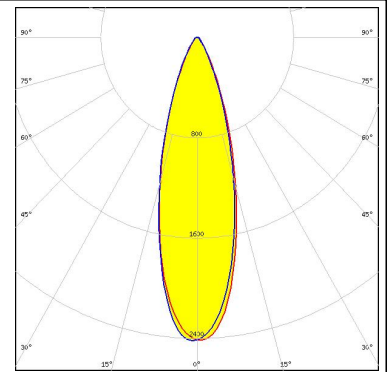
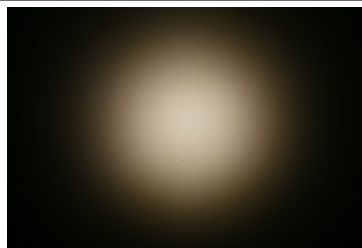
LED ML-E
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 2.500 cd/lm
 Required components:



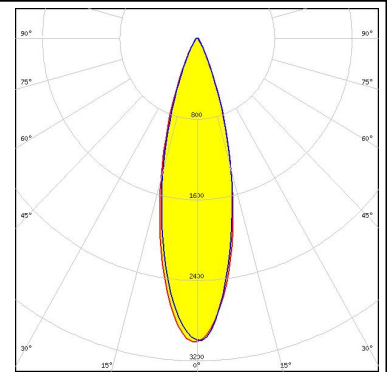
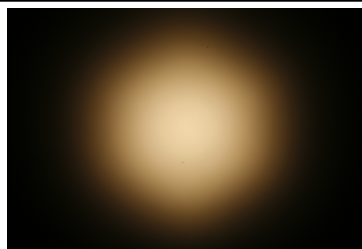
LED XB-D
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 2.830 cd/lm
 Required components:



LED XH-B/G
 FWHM 30.0°
 Efficiency 90 %
 Peak intensity 2.400 cd/lm
 Required components:



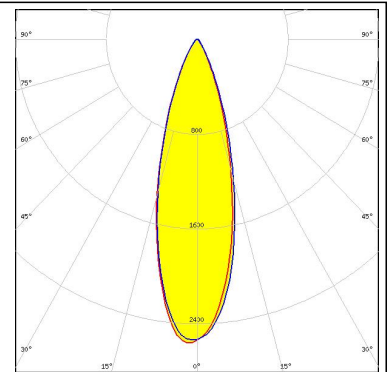
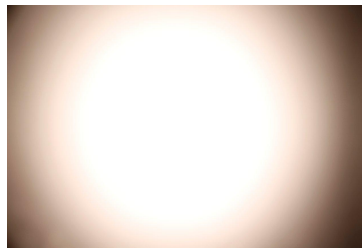
LED XP-E2
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 3.000 cd/lm
 Required components:



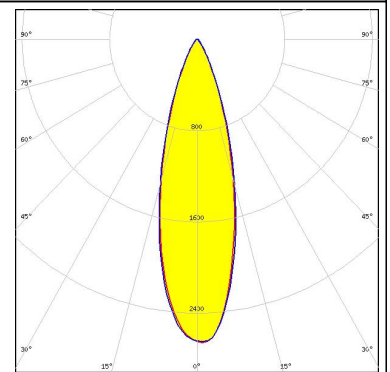
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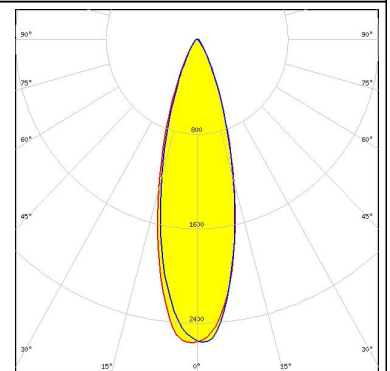
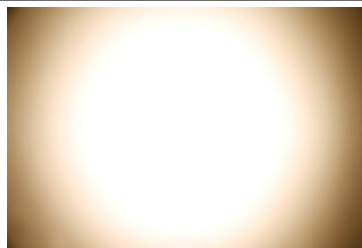
LED XP-G
 FWHM 29.0°
 Efficiency 92 %
 Peak intensity 2.530 cd/lm
 Required components:



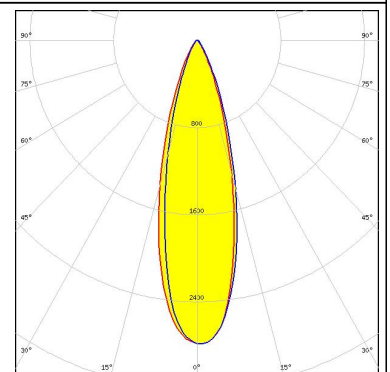
LED XP-G2
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 2.700 cd/lm
 Required components:



LED XT-E
 FWHM 29.0°
 Efficiency 91 %
 Peak intensity 2.620 cd/lm
 Required components:



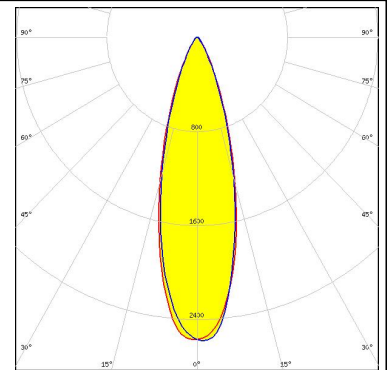
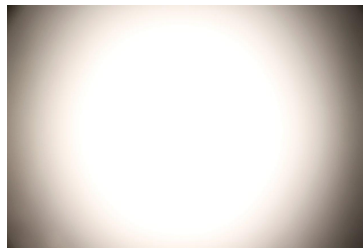
LED LG 3030
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 2.800 cd/lm
 Required components:



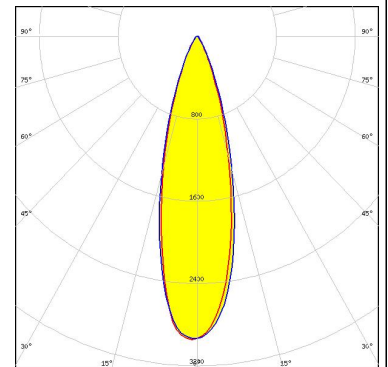
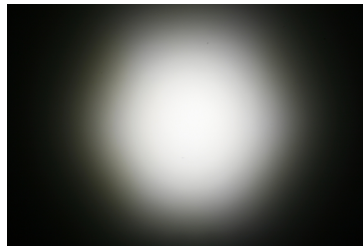
PHOTOMETRIC DATA (MEASURED):



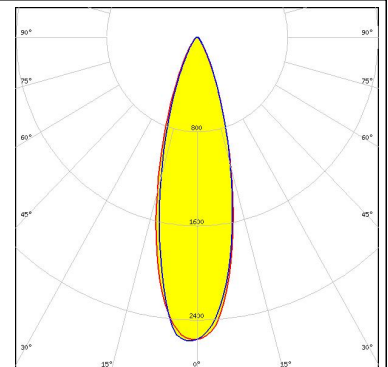
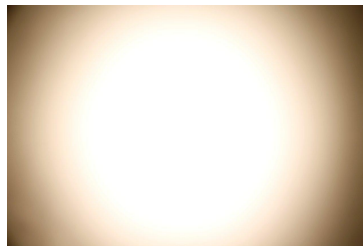
LED LUXEON Rebel ES
 FWHM 28.0°
 Efficiency 91 %
 Peak intensity 2.620 cd/lm
 Required components:



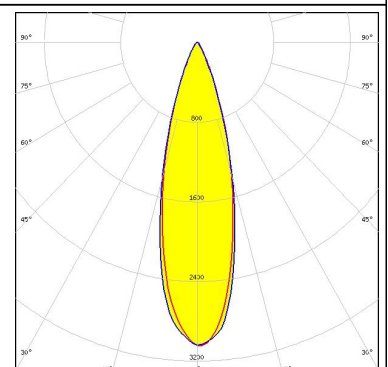
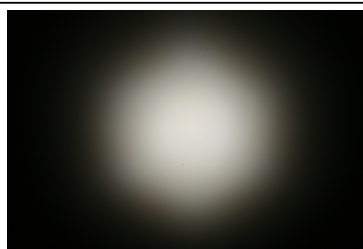
LED NF2x757A
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 2.900 cd/lm
 Required components:



LED NVSxx19A
 FWHM 29.0°
 Efficiency 90 %
 Peak intensity 2.580 cd/lm
 Required components:



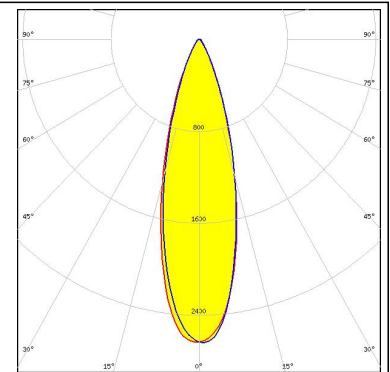
LED Duris S5 (Single chip)
 FWHM 28.0°
 Efficiency 92 %
 Peak intensity 3.100 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

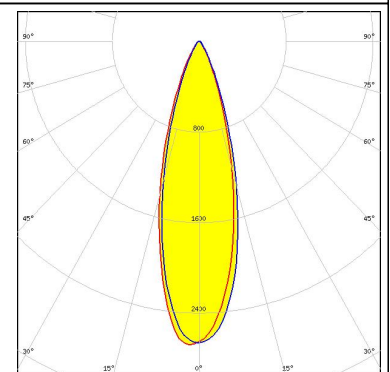
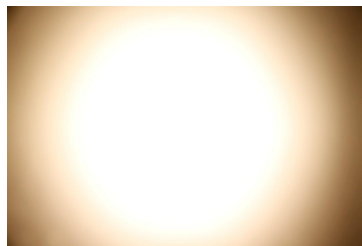
OSRAM
Opto Semiconductors

LED OSCONIQ P 2226
FWHM 29.0°
Efficiency 90 %
Peak intensity 2.600 cd/lm
Required components:



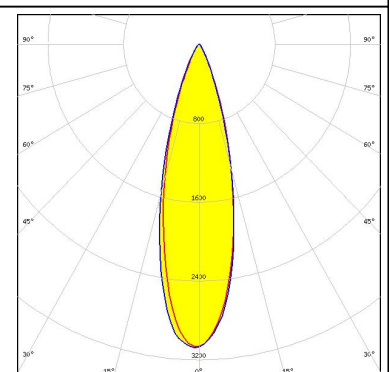
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 28.0°
Efficiency 91 %
Peak intensity 2.820 cd/lm
Required components:



SAMSUNG

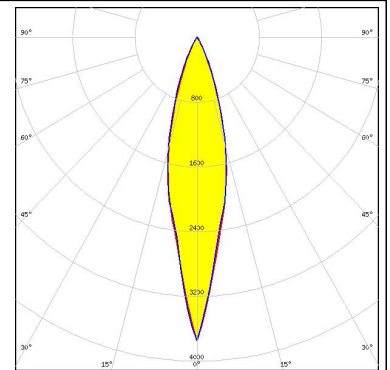
LED LM231 A/B
FWHM 28.0°
Efficiency 92 %
Peak intensity 3.100 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

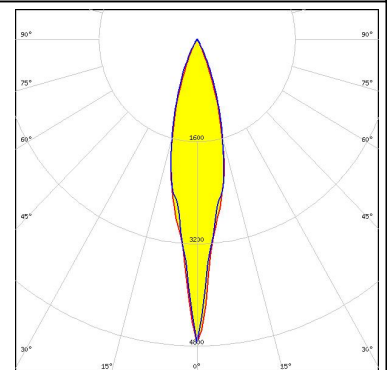
LUMILEDS

LED LUXEON C
FWHM 23.0°
Efficiency 86 %
Peak intensity 3.700 cd/lm
Required components:



LUMILEDS

LED LUXEON CZ
FWHM 20.0°
Efficiency 94 %
Peak intensity 4.800 cd/lm
Required components:



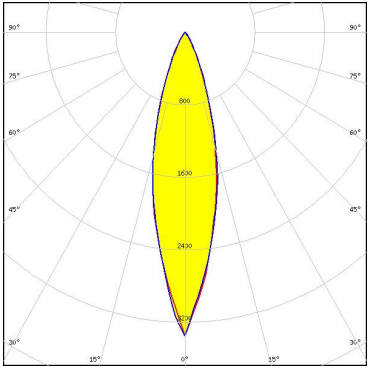
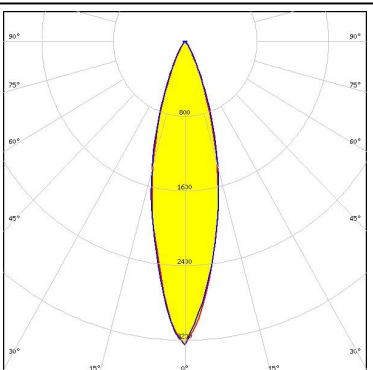
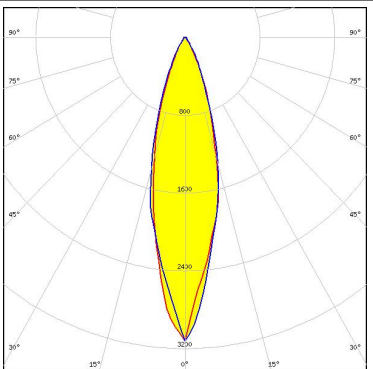
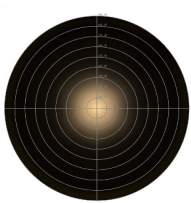
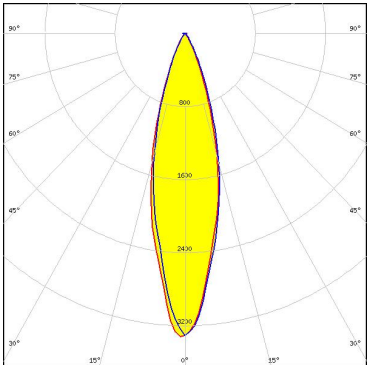
LUMILEDS

LED LUXEON SunPlus 20 Line
FWHM 27.0°
Efficiency 88 %
Peak intensity 3.400 cd/lm
Required components:

LUMILEDS

LED LUXEON SunPlus 35 Line
FWHM 26.0°
Efficiency 93 %
Peak intensity 3.600 cd/lm
Required components:

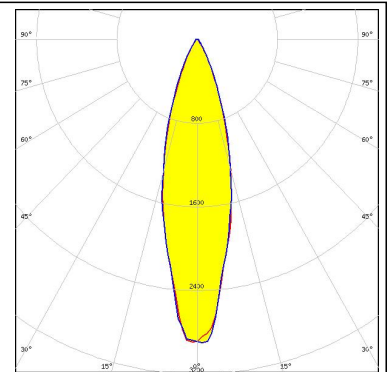
PHOTOMETRIC DATA (SIMULATED):

| | |
|---|--|
| <p>LUMILEDS</p> <p>LED: LUXEON T</p> <p>FWHM: 26.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 3.350 cd/lm</p> <p>Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON TX</p> <p>FWHM: 27.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 3.250 cd/lm</p> <p>Required components:</p> |  |
| <p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C</p> <p>FWHM: 27.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 3.190 cd/lm</p> <p>Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED: Oslon Square Gen3</p> <p>FWHM: 26.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 3.400 cd/lm</p> <p>Required components:</p> | <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>Detector Image: Luminous Intensity</p> <p>34-2-2014</p> <p>Detector #: 9522 Surface: 1</p> <p>Max. Power: 10000 mW Total Area: 4.888326</p> <p>Peak Intensity: 5.120742 Lumens/steradian</p> <p>Total Power: 5.120742 Lumens</p> </div>  </div> |

PHOTOMETRIC DATA (SIMULATED):

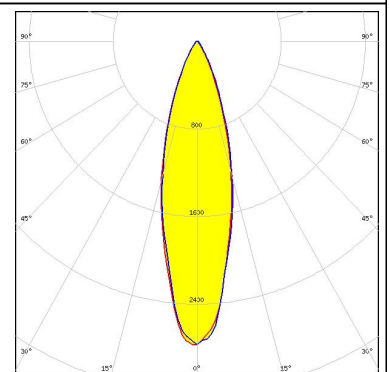
SAMSUNG

LED LH351B
FWHM 27.0°
Efficiency 94 %
Peak intensity 2.975 cd/lm
Required components:



SAMSUNG

LED LH351C
FWHM 28.0°
Efficiency 94 %
Peak intensity 2.799 cd/lm
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
FWHM 26.4°
Efficiency 94 %
Peak intensity 2.900 cd/lm
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

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Hong Kong, China

Distribution Partners

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