

LAURA-M-PIN

~30° medium beam optimized for CREE XP-E.
Assembly with white holder, installation tape
and location pins.

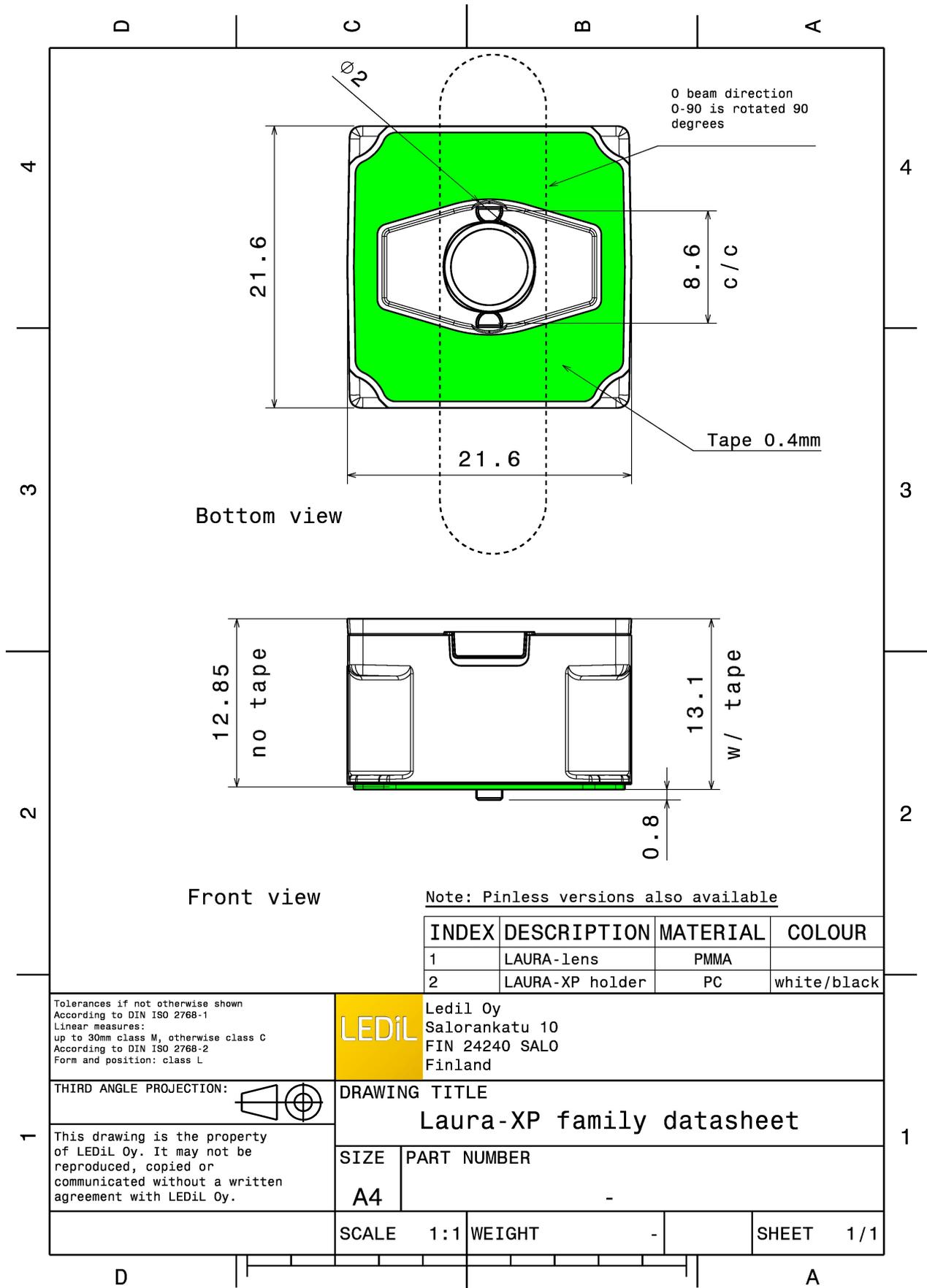
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | 21.6 x 21.6 mm |
| Height | 13.1 mm |
| Fastening | tape, pin |
| Colour | white |
| Box size | 460 x 260 x 200 mm |
| Box weight | 8 kg |
| Quantity in Box | 1440 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|----------------------|--------|----------|--------|
| LAURA-M | Lens | PMMA | clear |
| LAURA-PIN-XP-HLD-WHT | Holder | PC | white |
| ROSE-TAPE | Tape | PU tape | black |



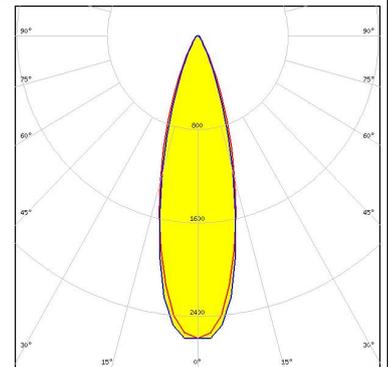
PHOTOMETRIC DATA (MEASURED):

CREE ⇄

LED XB-D
FWHM 28.0°
Efficiency 92 %
Peak intensity 2.470 cd/lm
Required components:

CREE ⇄

LED XP-E
FWHM 30.0°
Efficiency 92 %
Peak intensity 2.600 cd/lm
Required components:

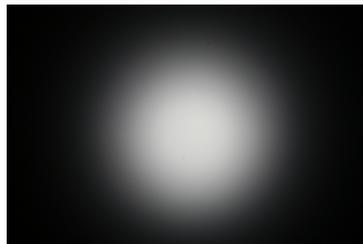


CREE ⇄

LED XP-E-HEW
FWHM 27.0°
Efficiency 85 %
Peak intensity 2.600 cd/lm
Required components:

CREE ⇄

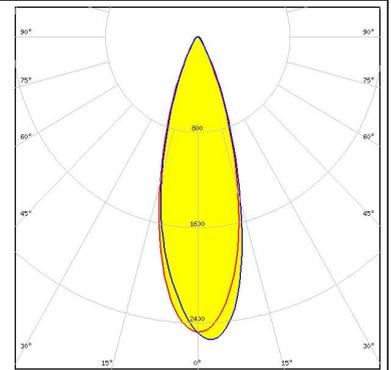
LED XP-E2
FWHM 28.0°
Efficiency 88 %
Peak intensity 2.980 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):



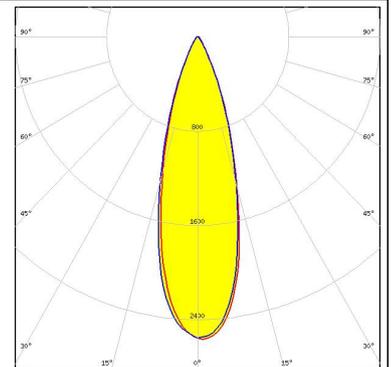
LED XP-G
FWHM 30.0°
Efficiency 93 %
Peak intensity 2.500 cd/lm
Required components:



LED LUXEON Rebel
FWHM 27.0°
Efficiency 88 %
Peak intensity 2.900 cd/lm
Required components:



LED LUXEON T
FWHM 30.0°
Efficiency 89 %
Peak intensity 2.400 cd/lm
Required components:



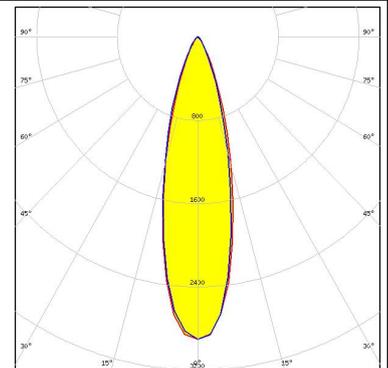
LED LUXEON Z ES
FWHM 26.0°
Efficiency 92 %
Peak intensity 3.600 cd/lm
Required components:



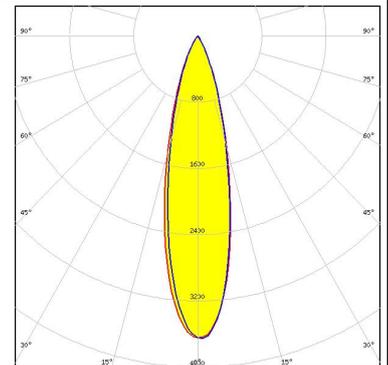
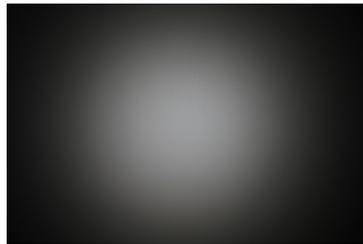
PHOTOMETRIC DATA (MEASURED):



LED NCSxx19B
 FWHM 28.0°
 Efficiency 86 %
 Peak intensity 2.900 cd/lm
 Required components:



LED NF2x757D
 FWHM 25.0°
 Efficiency 88 %
 Peak intensity 3.700 cd/lm
 Required components:



LED Oslon Square EC
 FWHM 27.0°
 Efficiency 86 %
 Peak intensity 2.420 cd/lm
 Required components:



LED Oslon SSL 150
 FWHM 26.0°
 Efficiency 87 %
 Peak intensity 2.720 cd/lm
 Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 30.0°
Efficiency 88 %
Peak intensity 2.430 cd/lm
Required components:

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM 22.0°
Efficiency %
Peak intensity cd/lm
Required components:



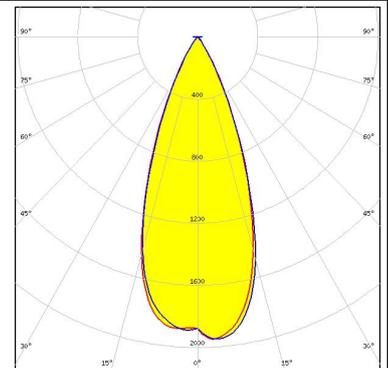
SEOUL SEMICONDUCTOR

LED Z5
FWHM 29.0°
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):



LED XP-G3
FWHM 39.0°
Efficiency 93 %
Peak intensity 2.000 cd/lm
Required components:



LED LUXEON H50-2
FWHM 32.5°
Efficiency 85 %
Peak intensity 2.600 cd/lm
Required components:



LED LUXEON IR Domed 150
FWHM 20.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:



LED LUXEON IR Domed 60
FWHM 25.0°
Efficiency 94 %
Peak intensity 0.000 cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Domed 90
FWHM 25.0°
Efficiency 94 %
Peak intensity 0.000 cd/lm
Required components:

OSRAM

Osram Opto Semiconductors

LED Oslon Square PC
FWHM 29.0°
Efficiency %
Peak intensity cd/lm
Required components:

OSRAM

Osram Opto Semiconductors

LED SFH 4715S
FWHM 30.0°
Efficiency 85 %
Peak intensity 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:

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