

REGINA

~9° spot beam

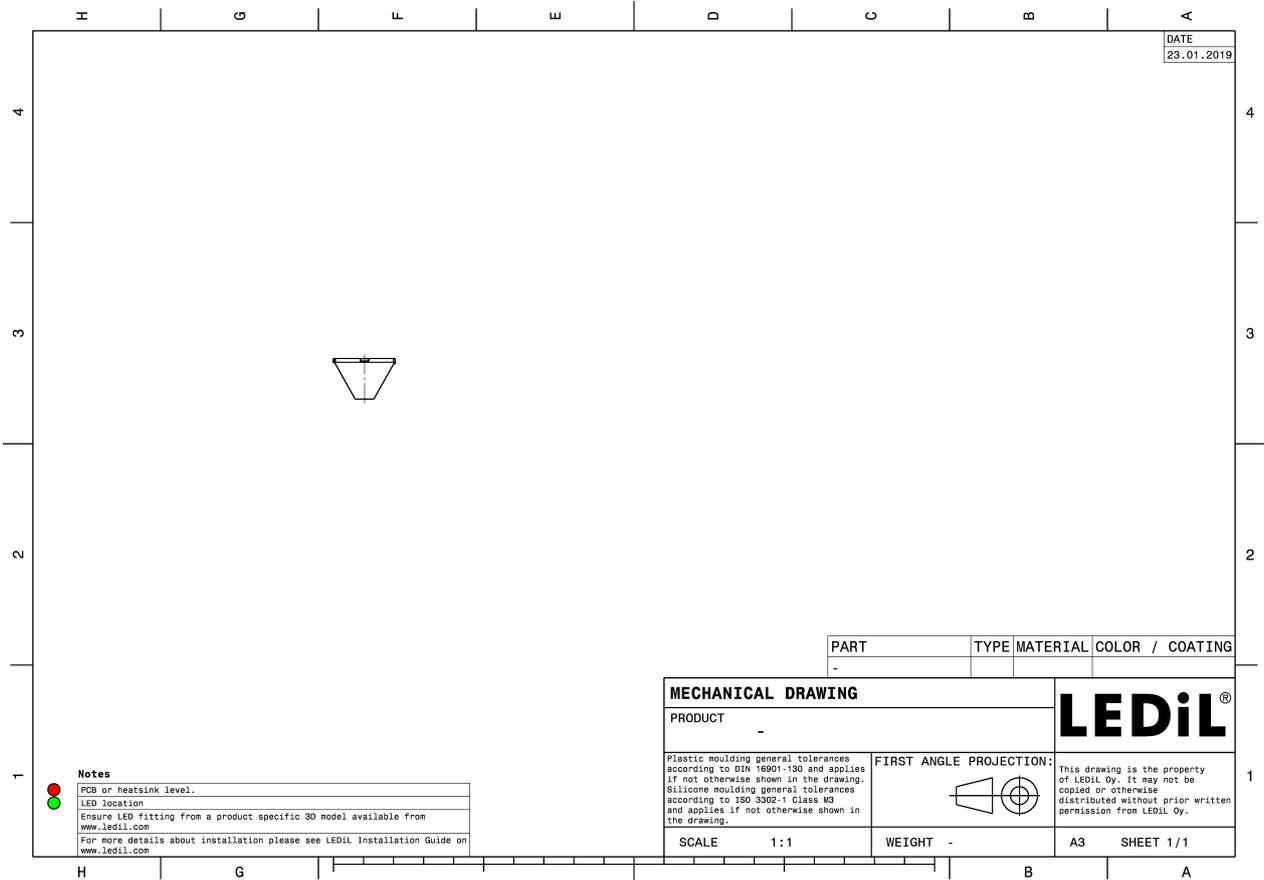
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 19.0 mm
Height	15.3 mm
Fastening	glue, pin
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	3.2 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
REGINA	Reflector	PC	metal	lacquer



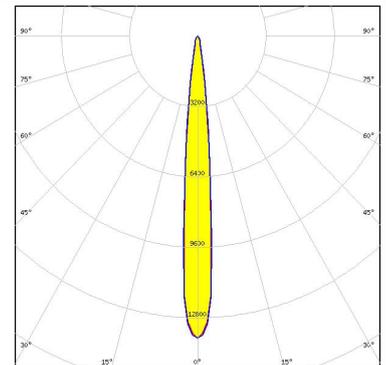
PHOTOMETRIC DATA (MEASURED):

CREE

LED XP-E
FWHM 8.0°
Efficiency 86 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

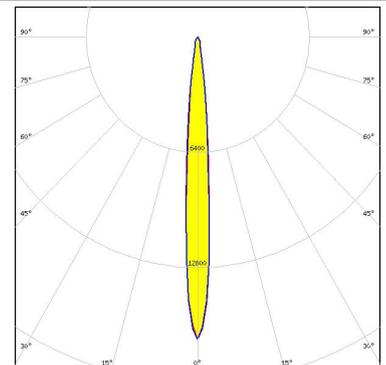
CREE

LED XP-G
FWHM 10.0°
Efficiency 86 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XP-L HI
FWHM 8.2°
Efficiency 84 %
Peak intensity 16.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



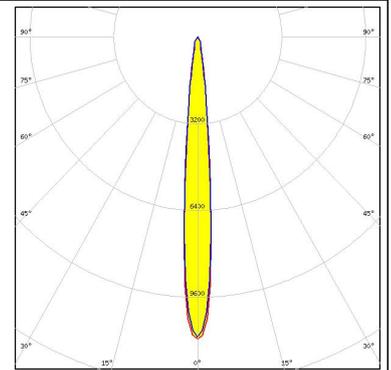
LUMILEDS

LED LUXEON Rebel
FWHM 7.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
 FWHM 10.0°
 Efficiency 89 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

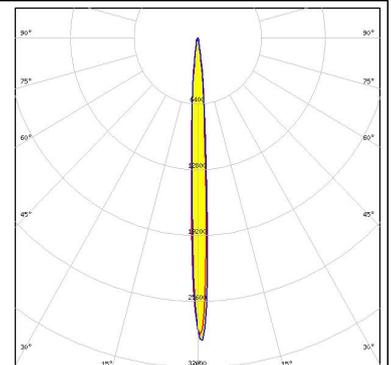
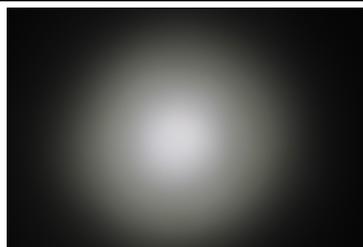
LED NCSxx19A
 FWHM 10.0°
 Efficiency 84 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

NICHIA

LED NVSxx19A
 FWHM 10.0°
 Efficiency 84 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OSRAM Opto Semiconductors

LED Oslon SSL 150
 FWHM 6.0°
 Efficiency 84 %
 Peak intensity 24.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 10.0°
Efficiency 89 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM 11.0°
Efficiency %
Peak intensity 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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