

STRADELLA-HB-S

~25° spot beam for industrial applications

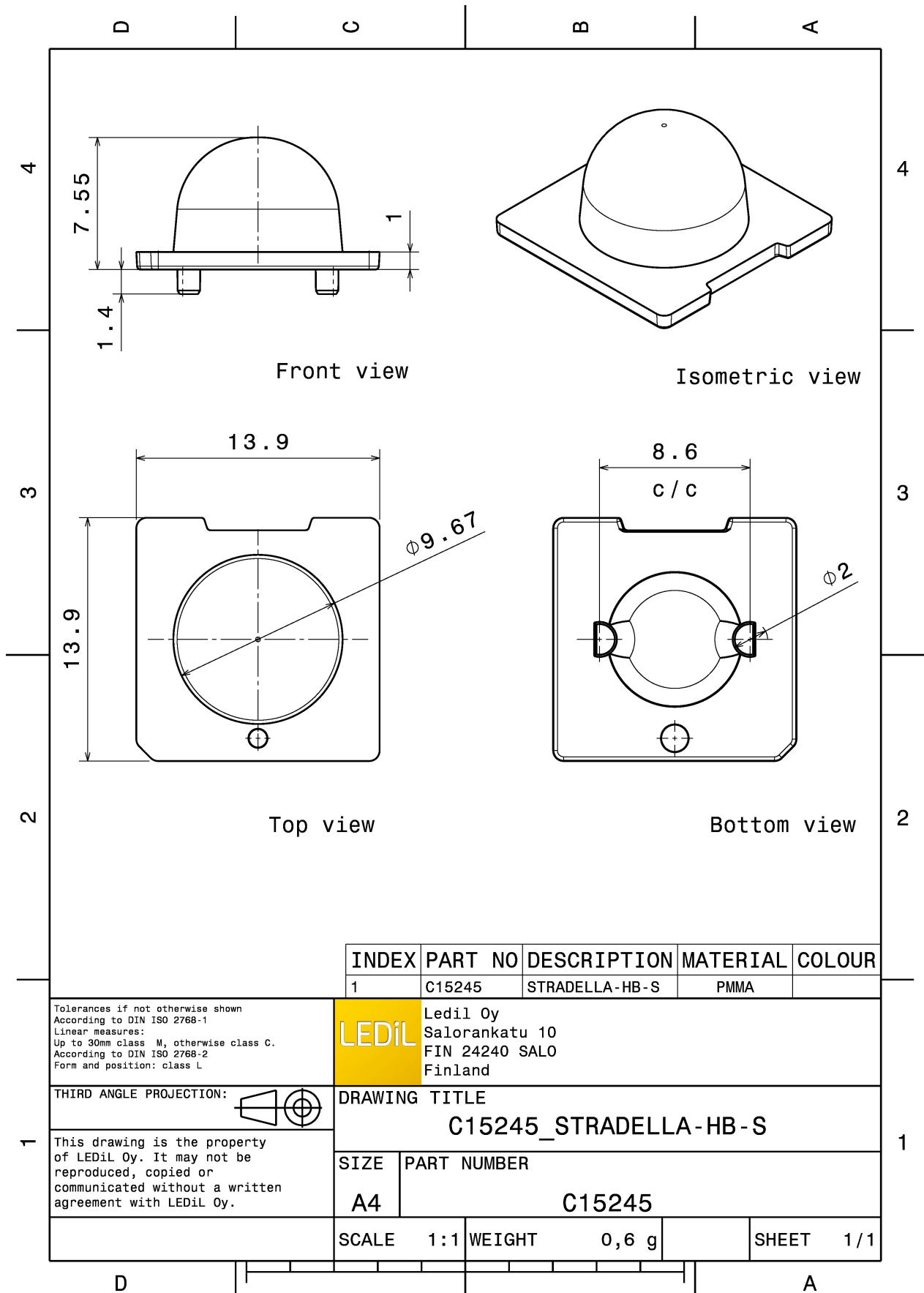
TECHNICAL SPECIFICATIONS:

Dimensions	13.9 mm
Height	7.5 mm
Fastening	pin
Colour	clear
Box size	480 x 250 x 390 mm
Box weight	9 kg
Quantity in Box	16000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-HB-S	Lens array	PMMA	clear




INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15245	STRADELLA-HB-S	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL

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Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION: 

DRAWING TITLE

C15245_STRADELLA-HB-S

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SIZE PART NUMBER

A4

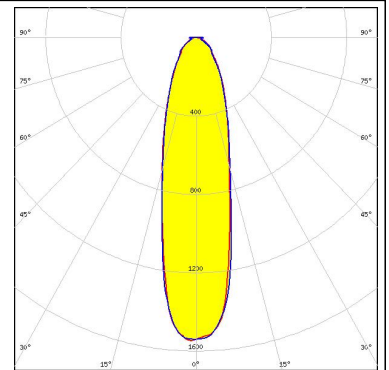
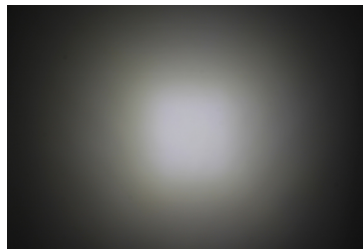
C15245

SCALE 1:1 WEIGHT 0,6 g SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

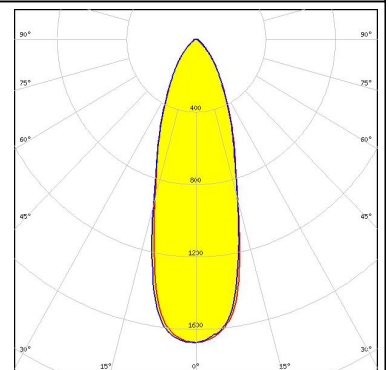
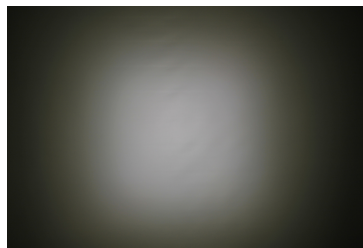
CREE 

LED XT-E
FWHM 27.0°
Efficiency 92 %
Peak intensity 1.550 cd/lm
Required components:



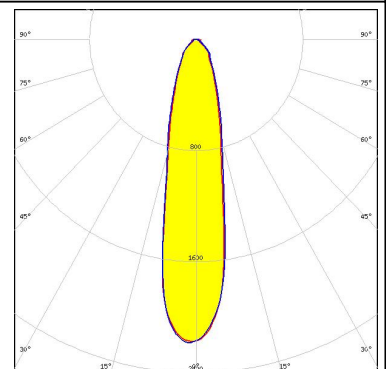
NICHIA 

LED NVSW219D
FWHM 32.0°
Efficiency 94 %
Peak intensity 1.700 cd/lm
Required components:



SAMSUNG

LED LH181B
FWHM 23.0°
Efficiency 94 %
Peak intensity 2.200 cd/lm
Required components:



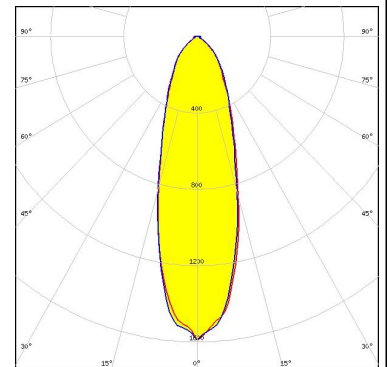
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Domed 150
FWHM 23.0°
Efficiency 92 %
Peak intensity 0.000 cd/lm
Required components:

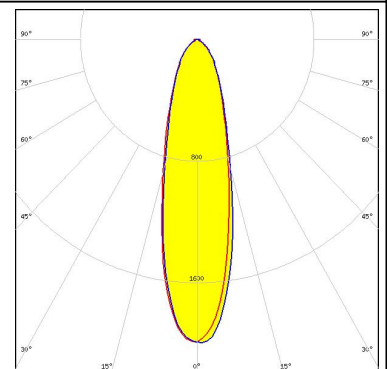
NICHIA

LED NVSxx19B/NVSxx19C
FWHM 31.0°
Efficiency 93 %
Peak intensity 1.600 cd/lm
Required components:



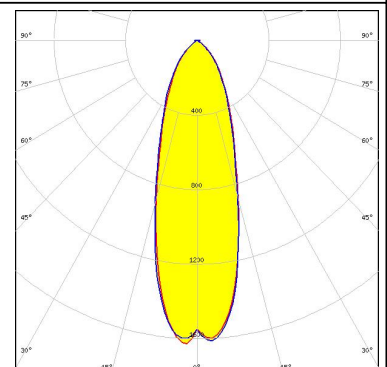
OSRAM

Opto Semiconductors
LED OSCONIQ P 3737 (2W version)
FWHM 27.0°
Efficiency 94 %
Peak intensity 2.000 cd/lm
Required components:



SAMSUNG

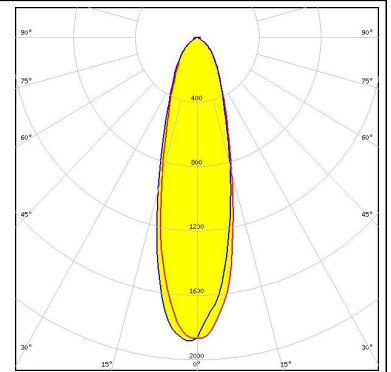
LED LH351B
FWHM 32.0°
Efficiency 90 %
Peak intensity 1.650 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

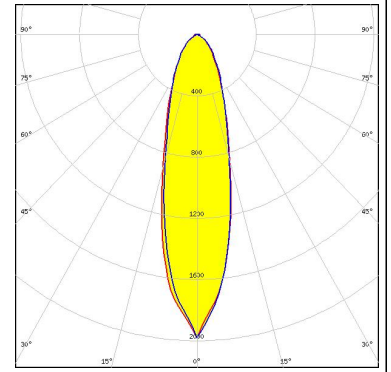
SAMSUNG

LED LM28xB Series
FWHM 28.0°
Efficiency 94 %
Peak intensity 1.920 cd/lm
Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM 27.0°
Efficiency 94 %
Peak intensity 2.000 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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