

STRADELLA-HB-S

~25° spot beam for industrial applications

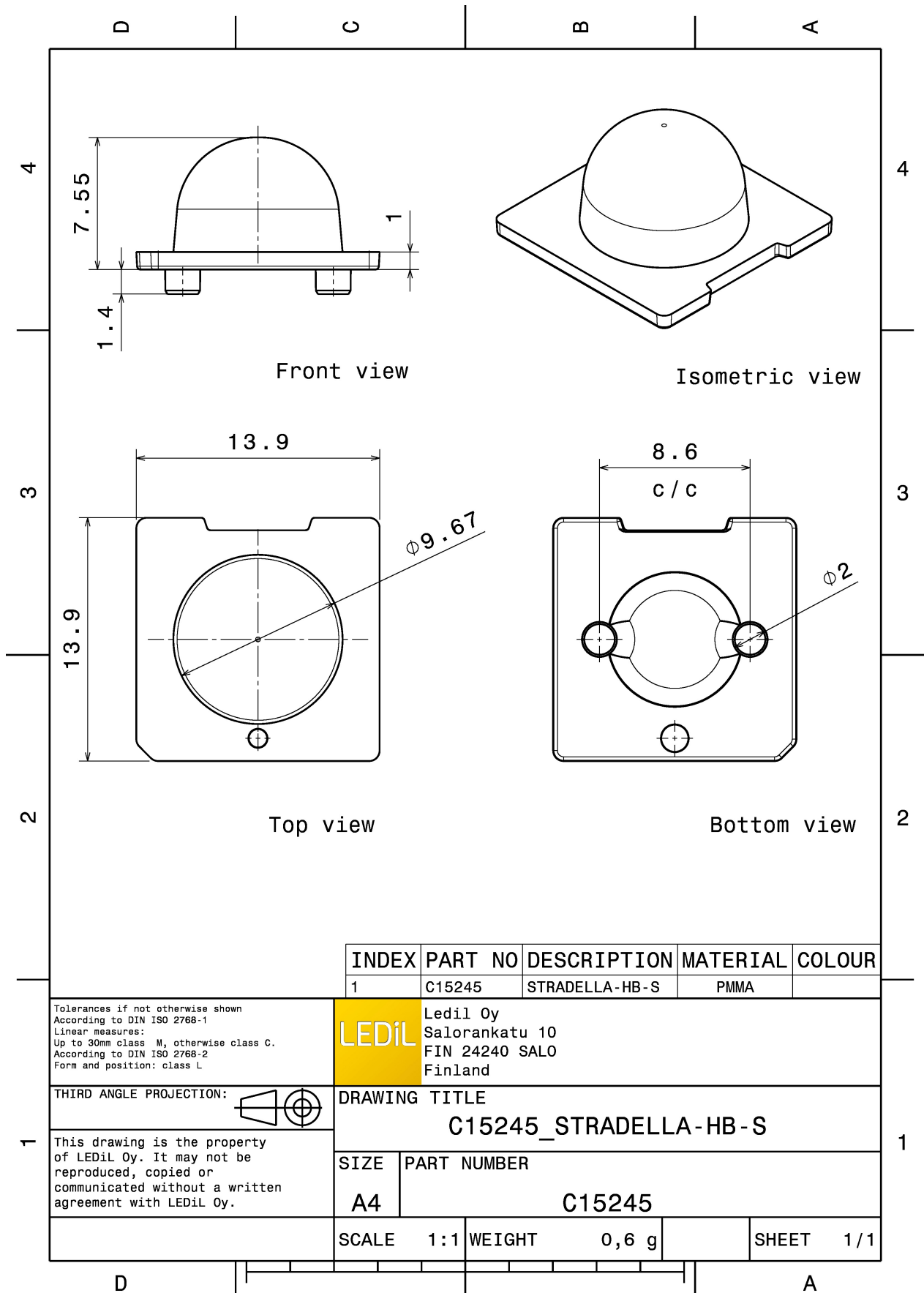
TECHNICAL SPECIFICATIONS:

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	Single lens	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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

C15245_STRADELLA-HB-S

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SIZE PART NUMBER

A4

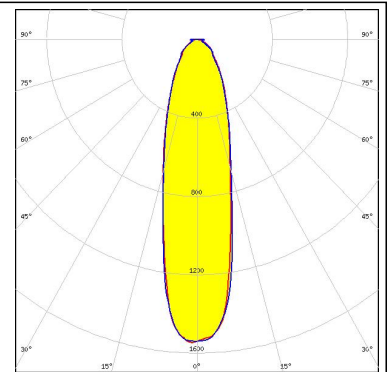
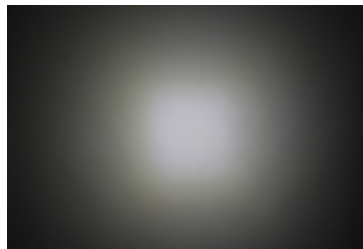
C15245

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

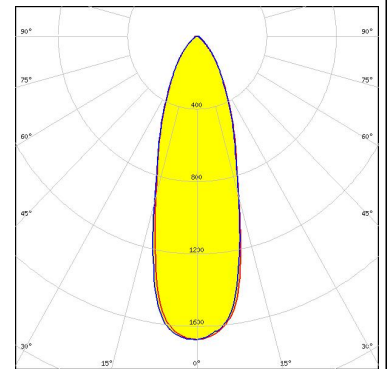
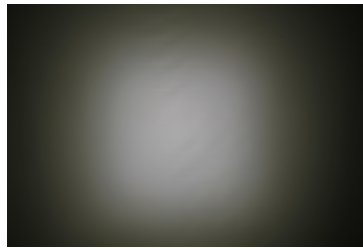
PHOTOMETRIC DATA (MEASURED):



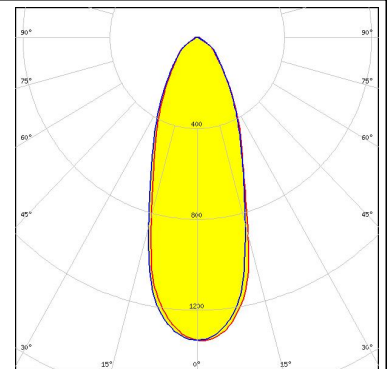
LED XT-E
 FWHM 27.0°
 Efficiency 92 %
 Peak intensity 1.550 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



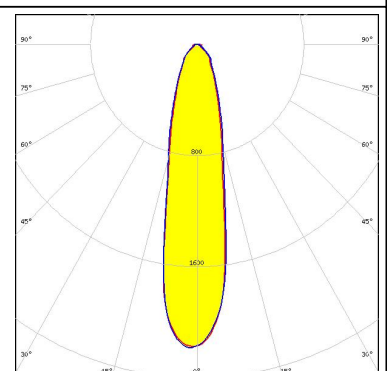
LED NVSW219D
 FWHM 32.0°
 Efficiency 94 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW319B
 FWHM 37.0°
 Efficiency 94 %
 Peak intensity 1.340 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



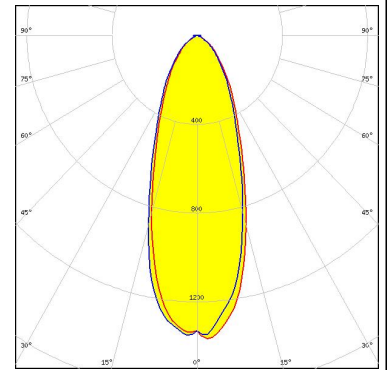
LED LH181B
 FWHM 23.0°
 Efficiency 94 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



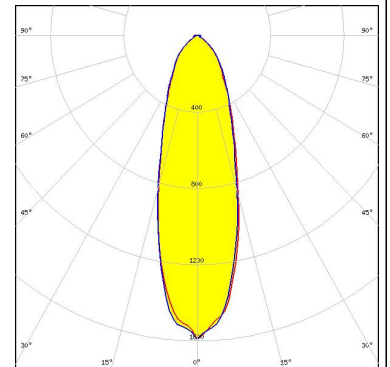
LED XP-G2 HE
 FWHM 37.0°
 Efficiency 93 %
 Peak intensity 1.397 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



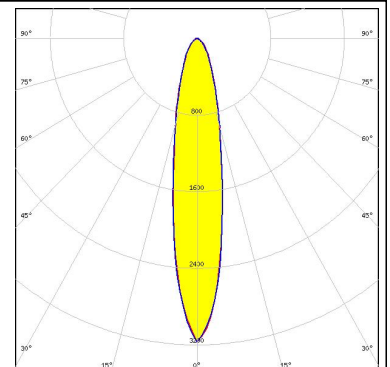
LED LUXEON IR Domed 150
 FWHM 23.0°
 Efficiency 92 %
 Peak intensity 0.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM 31.0°
 Efficiency 93 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3030
 FWHM 20.0°
 Efficiency 95 %
 Peak intensity 3.169 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

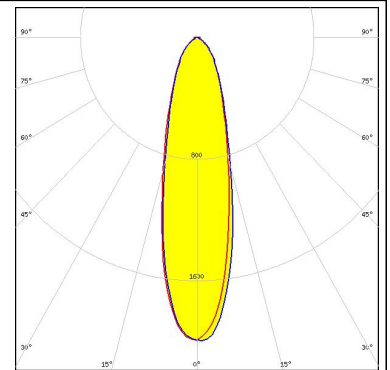


PHOTOMETRIC DATA (SIMULATED):

OSRAM

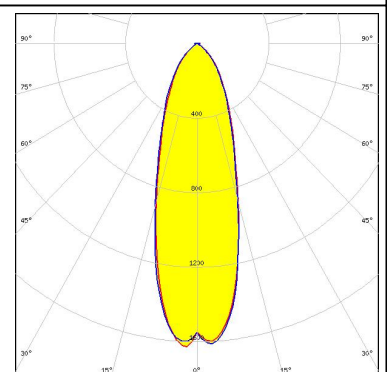
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM 27.0°
Efficiency 94 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



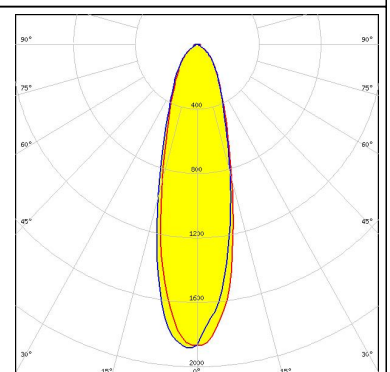
SAMSUNG

LED LH351B
FWHM 32.0°
Efficiency 90 %
Peak intensity 1.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:



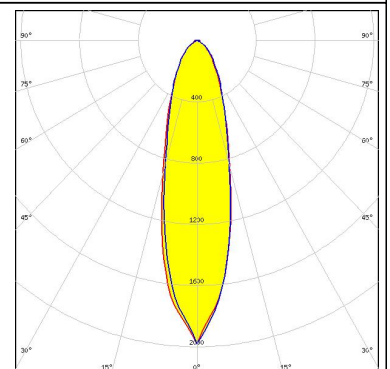
SAMSUNG

LED LM28xB Series
FWHM 28.0°
Efficiency 94 %
Peak intensity 1.920 cd/lm
LEDs/each optic 1
Light colour White
Required components:

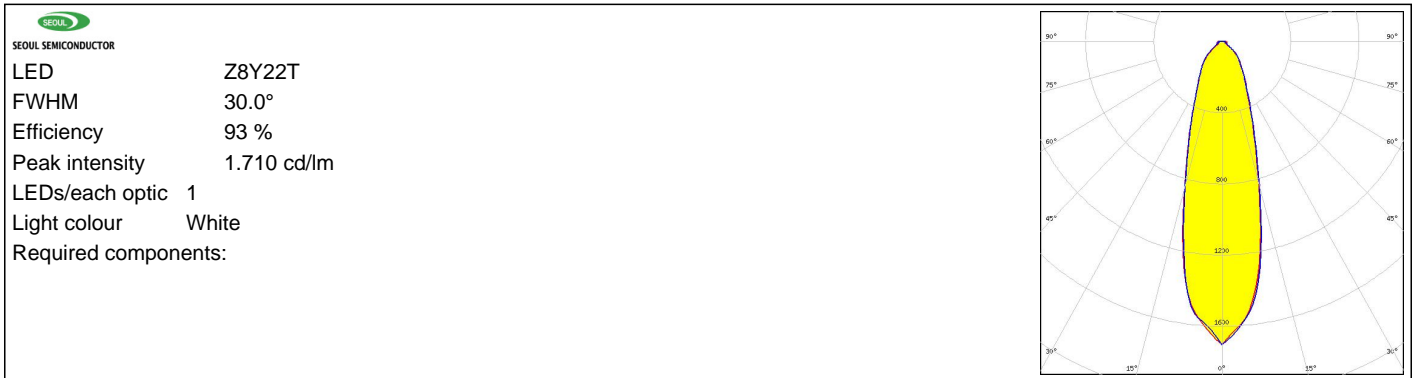


SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM 27.0°
Efficiency 94 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



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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