STRADELLA-8-HV-HB-M

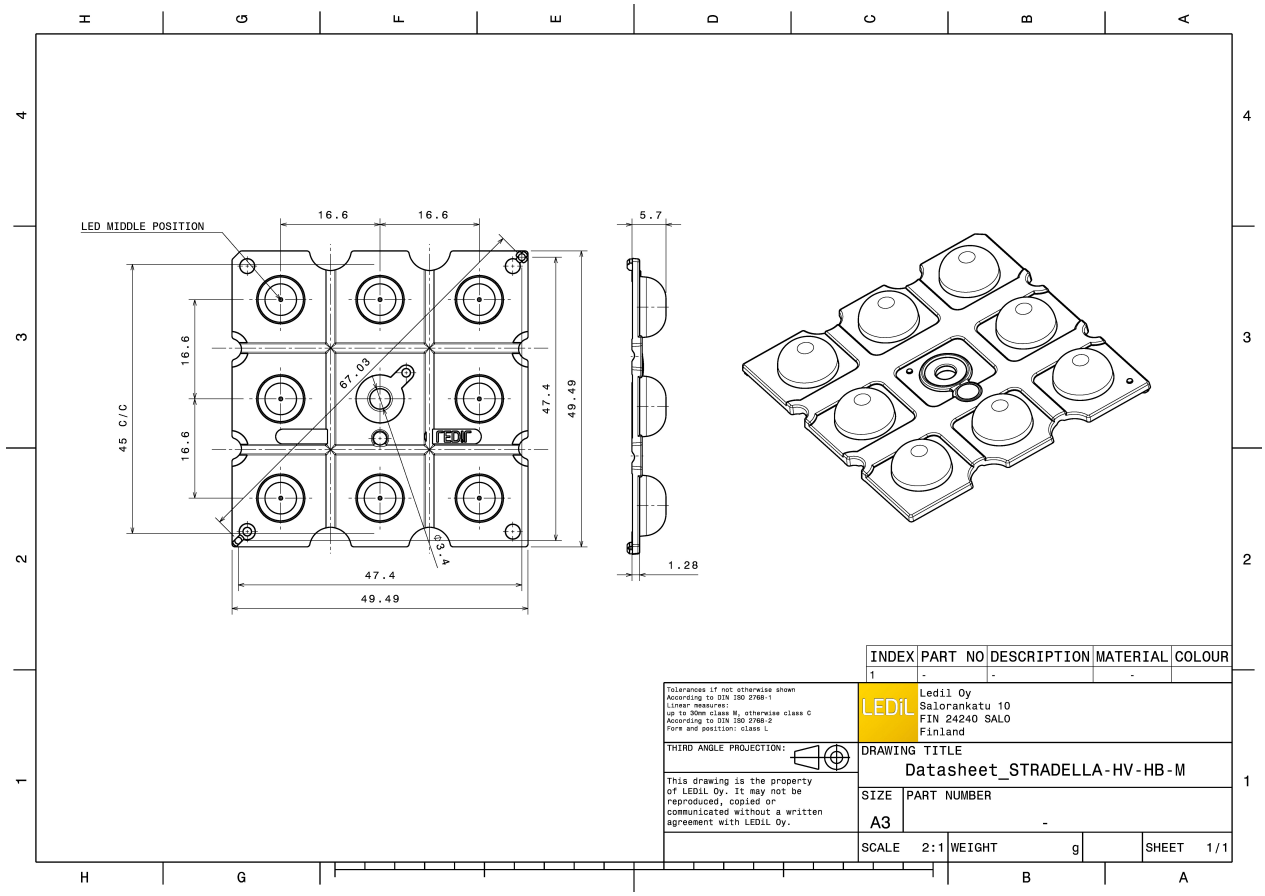
~65° medium beam for industrial applications. Variant with longer distance between location pins allowing high voltage circuit designs.

TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	5.7 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	4.4 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-8-HV-HB-M	Multi-lens	PMMA	clear



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	-	-	

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

THIRD ANGLE PROJECTION:

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LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet_STRADELLA-HV-HB-M

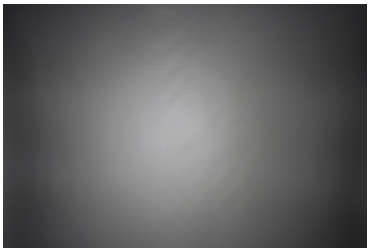
SIZE	PART NUMBER
A3	-

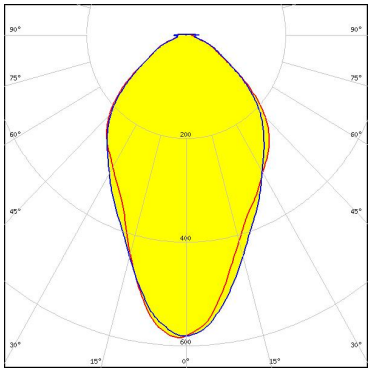
SCALE	WEIGHT		SHEET
2:1	g		1/1

PHOTOMETRIC DATA (MEASURED):

CREE

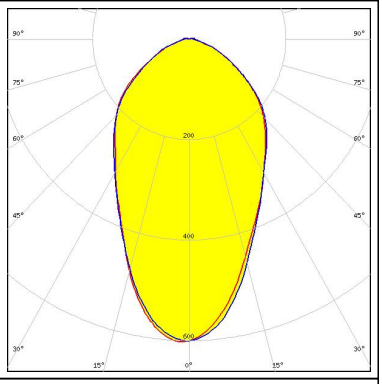
LED	XD16
FWHM	64.0°
Efficiency	92 %
Peak intensity	0.580 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





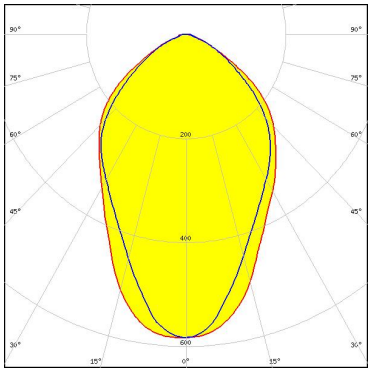
CREE

LED	XT-E
FWHM	62.0°
Efficiency	94 %
Peak intensity	0.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



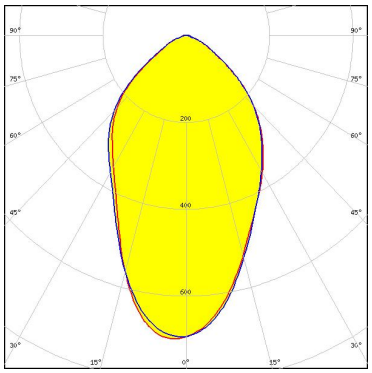
NICHIA

LED	NF2W585AR
FWHM	73.0°
Efficiency	94 %
Peak intensity	0.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ S 3030
FWHM	63.0°
Efficiency	94 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



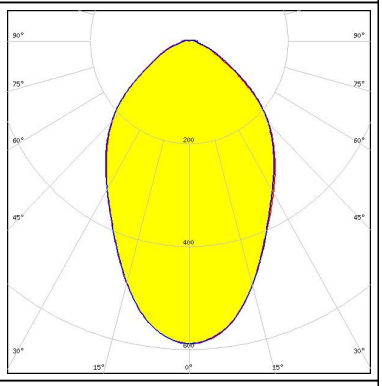
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030C
FWHM	60.0°
Efficiency	94 %
Peak intensity	0.715 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM	71.0°
Efficiency	94 %
Peak intensity	0.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM	80.0°
Efficiency	91 %
Peak intensity	0.510 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

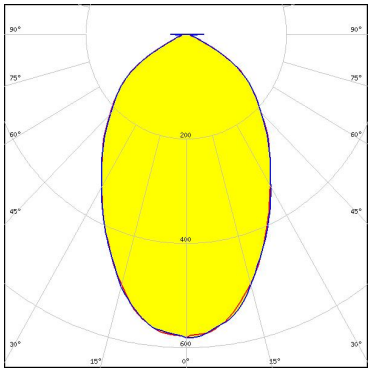
SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	81.0°
Efficiency	91 %
Peak intensity	0.510 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-G2 HE
FWHM	70.0°
Efficiency	95 %
Peak intensity	0.589 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XP-G3
FWHM	72.0°
Efficiency	91 %
Peak intensity	0.540 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON 3535L HE
FWHM	52.0°
Efficiency	93 %
Peak intensity	0.730 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

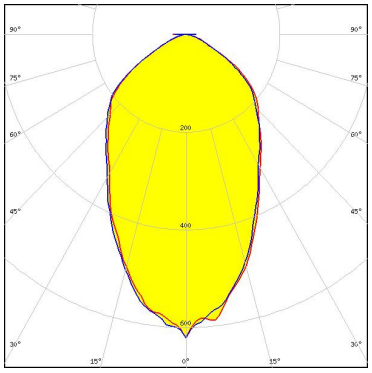
LUMILEDS

LED	LUXEON HR30
FWHM	54.0°
Efficiency	93 %
Peak intensity	0.750 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON TX
FWHM	61.0°
Efficiency	94 %
Peak intensity	0.620 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

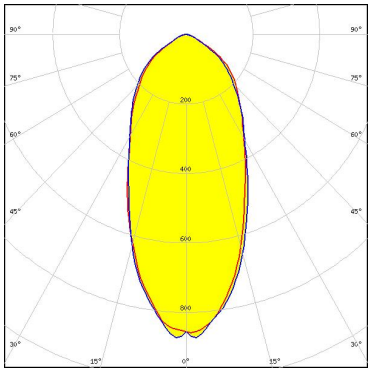


NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	65.0°
Efficiency	91 %
Peak intensity	0.630 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

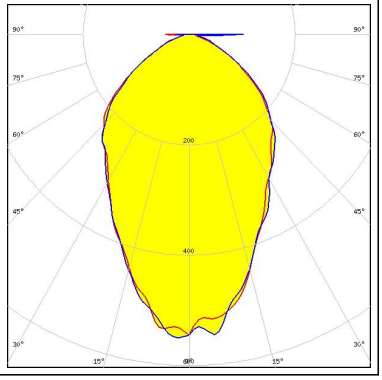
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM	49.0°
Efficiency	97 %
Peak intensity	0.875 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

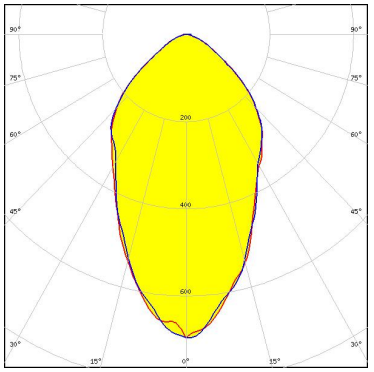
LED	LH181A
FWHM	67.0°
Efficiency	94 %
Peak intensity	0.570 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

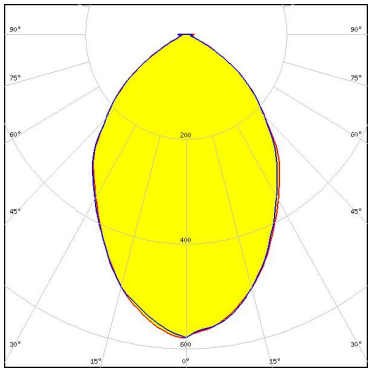
SAMSUNG

LED	LH181B
FWHM	59.0°
Efficiency	94 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



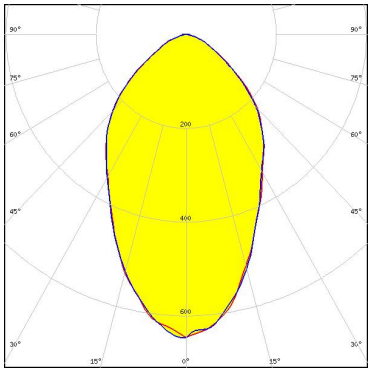
SAMSUNG

LED	LH351D
FWHM	79.0°
Efficiency	94 %
Peak intensity	0.580 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22T
FWHM	64.0°
Efficiency	94 %
Peak intensity	0.650 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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