STRADELLA-8-HV-HB-S

~25° spot beam for industrial applications. Variant with longer distance between location pins allowing high voltage circuit designs.



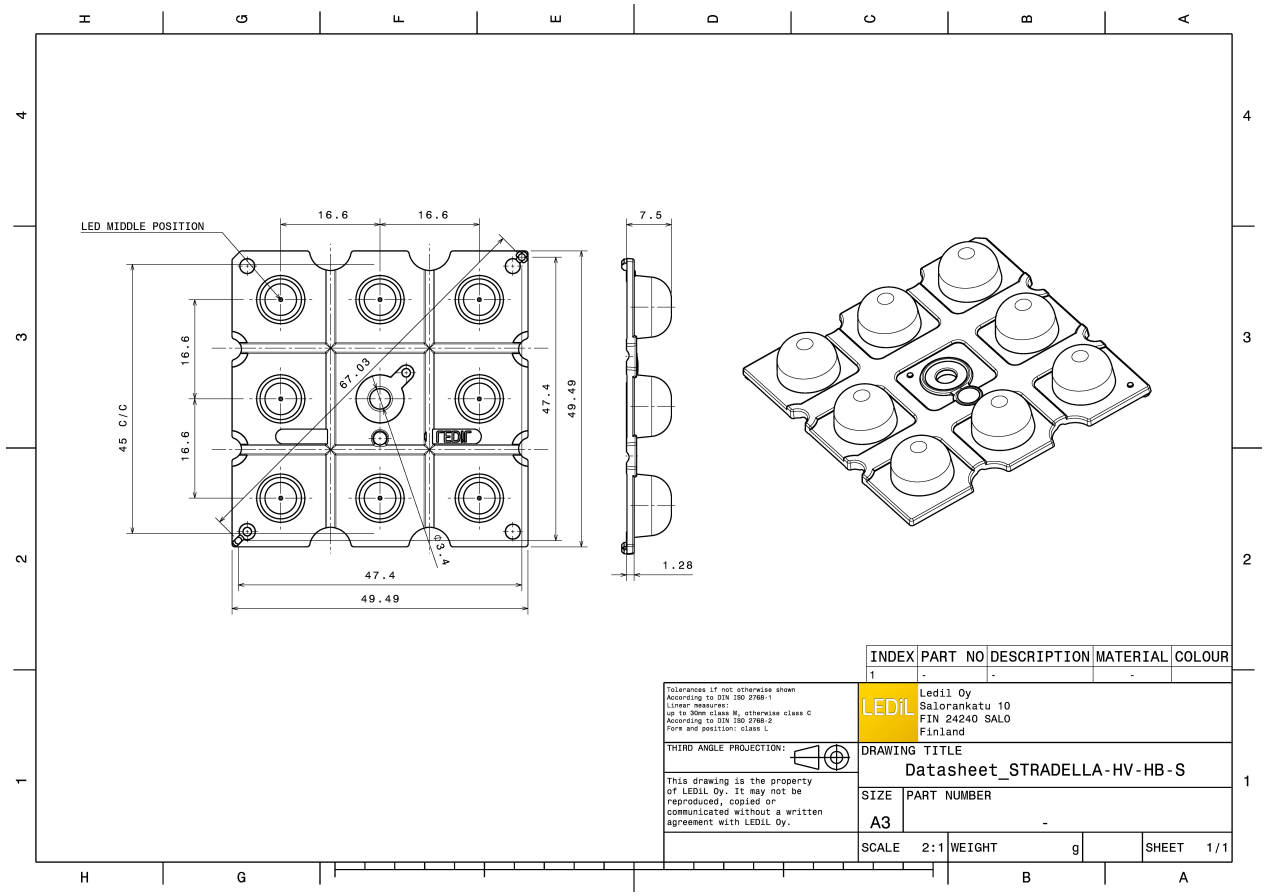
TECHNICAL SPECIFICATIONS:

Dimensions	49.5+49.5 mm
Height	7.5 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-8-HV-HB-S	Lens array	PMMA	clear

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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-S

SIZE	PART NUMBER
A3	-

SCALE	WEIGHT		SHEET
2:1	g		1/1

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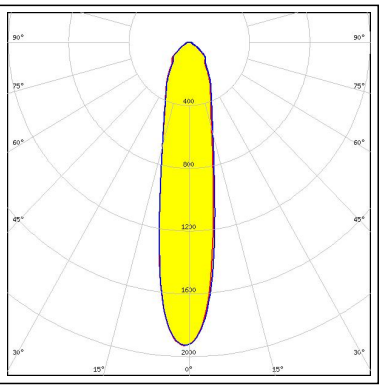
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XD16
FWHM	21.0°
Efficiency	94 %
Peak intensity	1.900 cd/lm

Required components:





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PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-G3
FWHM	33.0°
Efficiency	89 %
Peak intensity	1.400 cd/lm
Required components:	

CREE

LED	XT-E
FWHM	27.0°
Efficiency	90 %
Peak intensity	1.750 cd/lm
Required components:	

LUMILEDS

LED	LUXEON 3535L HE
FWHM	20.0°
Efficiency	90 %
Peak intensity	2.300 cd/lm
Required components:	

LUMILEDS

LED	LUXEON HR30
FWHM	26.0°
Efficiency	91 %
Peak intensity	2.100 cd/lm
Required components:	

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PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

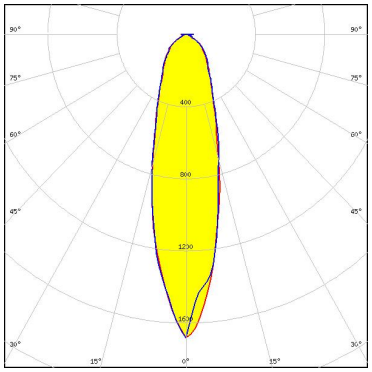
LED	LUXEON TX
FWHM	28.0°
Efficiency	90 %
Peak intensity	1.800 cd/lm
Required components:	

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	30.0°
Efficiency	88 %
Peak intensity	1.590 cd/lm
Required components:	

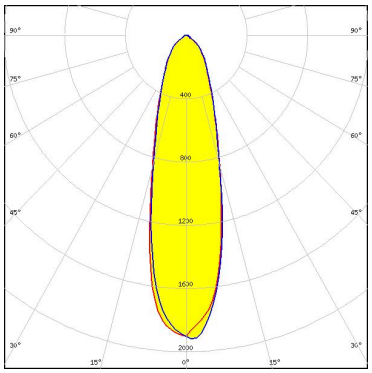
SAMSUNG

LED	LH181A
FWHM	27.0°
Efficiency	94 %
Peak intensity	1.680 cd/lm
Required components:	



SAMSUNG

LED	LH181B
FWHM	28.0°
Efficiency	94 %
Peak intensity	1.920 cd/lm
Required components:	



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PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM	23.0°
Efficiency	92 %
Peak intensity	1.800 cd/lm

Required components:

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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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