

## STRADELLA-8-HV-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Variant with longer distance between location pins allowing high voltage circuit designs.

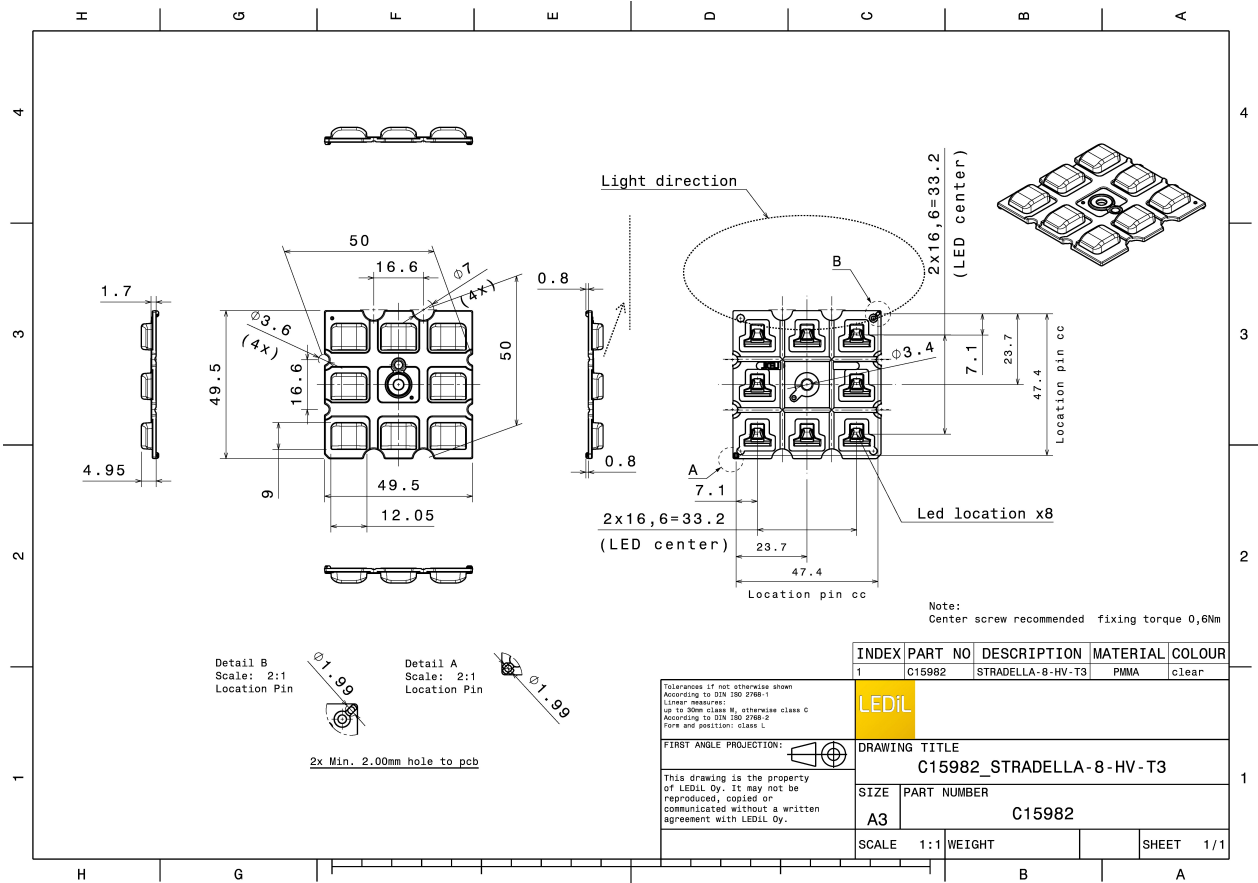
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5+49.5 mm
Height	5 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.7 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

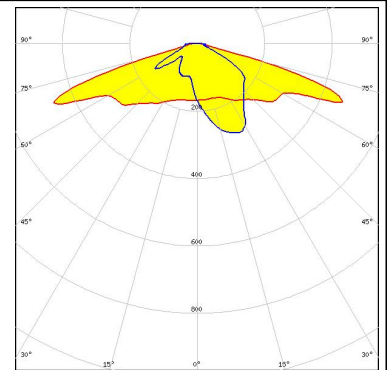
Component	Type	Material	Colour
STRADELLA-8-HV-T3	Lens array	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XD16  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.800 cd/lm  
Required components:



#### CREE

LED XT-E  
FWHM Asymmetric  
Efficiency 96 %  
Peak intensity 0.620 cd/lm  
Required components:

#### LUMILEDS

LED LUXEON TX  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.680 cd/lm  
Required components:

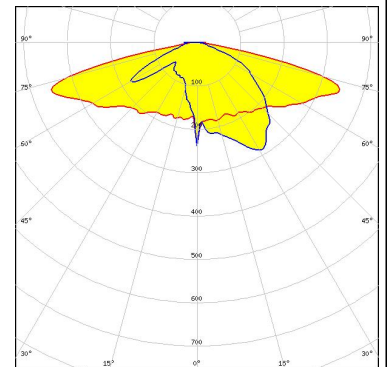
#### PHOTOMETRIC DATA (SIMULATED):

#### CREE

LED XP-G2  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.600 cd/lm  
Required components:

#### CREE

LED XP-G3  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.500 cd/lm  
Required components:



#### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.760 cd/lm  
Required components:

#### LUMILEDS

LED LUXEON 3535 2D  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.650 cd/lm  
Required components:

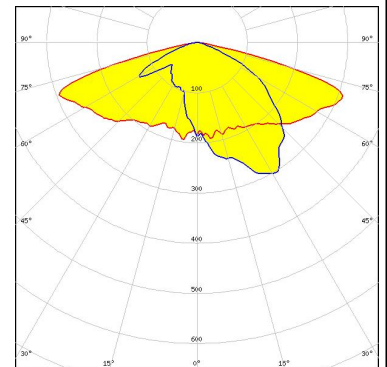
#### PHOTOMETRIC DATA (SIMULATED):



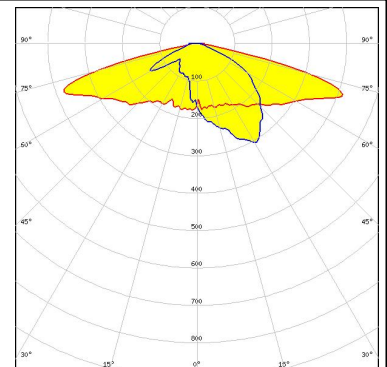
LED NF2x757D  
FWHM Asymmetric  
Efficiency 95 %  
Peak intensity 0.800 cd/lm  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 84 %  
Peak intensity 0.450 cd/lm  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.580 cd/lm  
Required components:



LED Duris S5 (2 chip)  
FWHM Asymmetric  
Efficiency 95 %  
Peak intensity 0.740 cd/lm  
Required components:

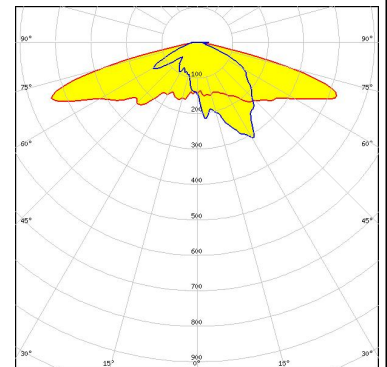
#### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED Oslon Square EC  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.700 cd/lm  
Required components:

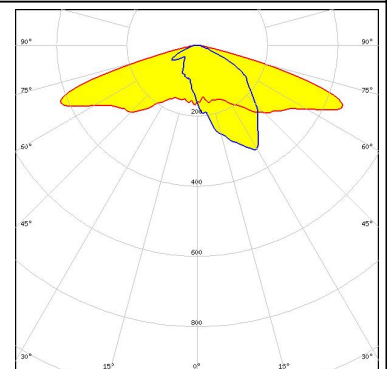
**SAMSUNG**

LED LH181A  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.630 cd/lm  
Required components:



**SAMSUNG**

LED LH181B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.660 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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