STRADA-2X2-MEW

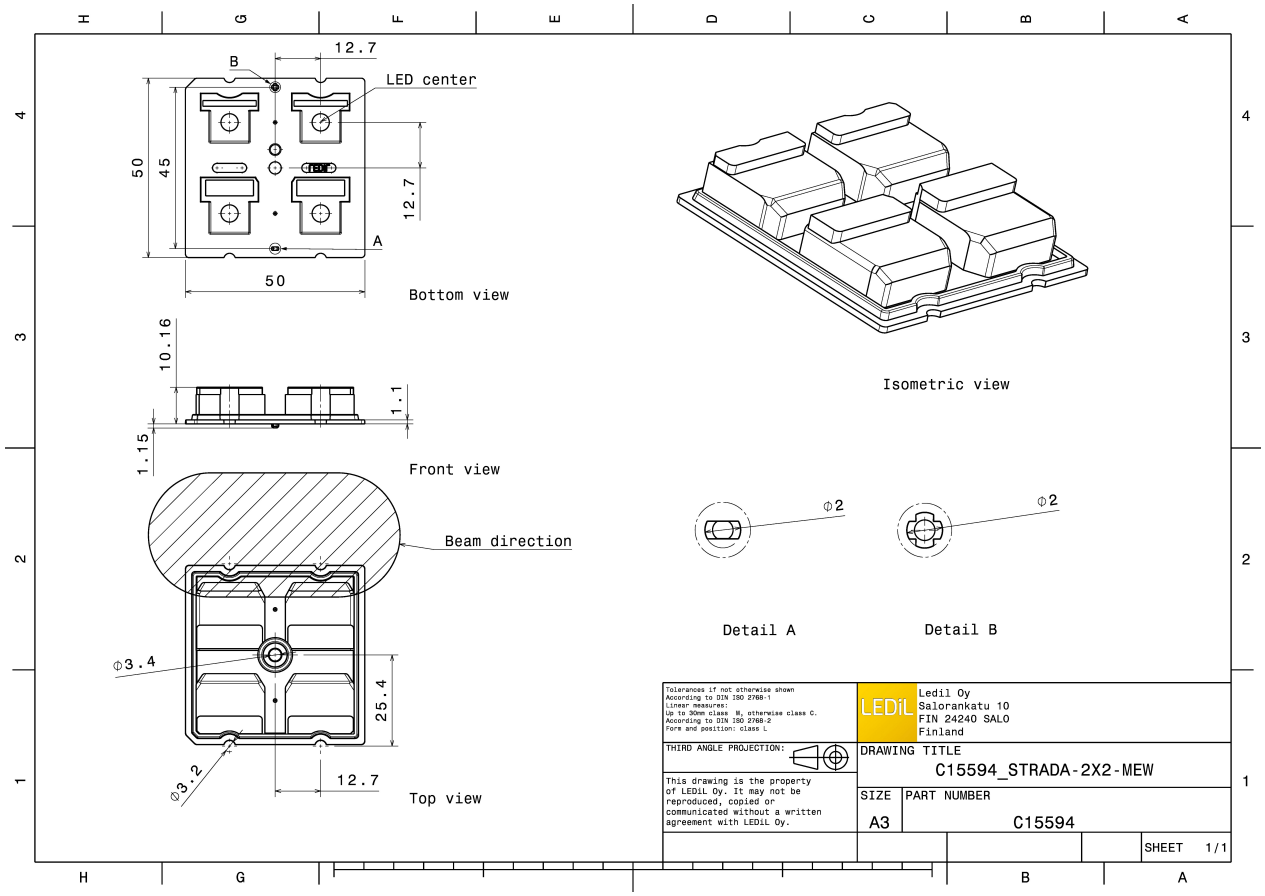
Beam with extremely low glare fulfilling EN13201 M-class requirements for wet road surfaces in North Europe

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10.2 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-2X2-MEW	Lens	PMMA	clear


12.7
B
LED center
50
45
12.7
A
50
Bottom view
10.16
1.1
1.15
Front view
Beam direction
Ø3.4
25.4
Ø3.2
12.7
Top view
Isometric view
Ø2
Ø2
Detail A
Detail B
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
THIRD ANGLE PROJECTION:
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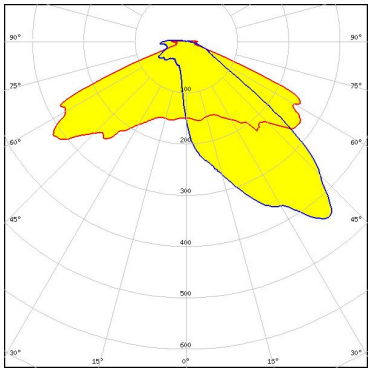
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland
DRAWING TITLE
C15594_STRADA-2X2-MEW
SIZE
A3
PART NUMBER
C15594
SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

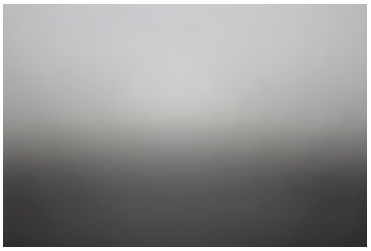
CREE

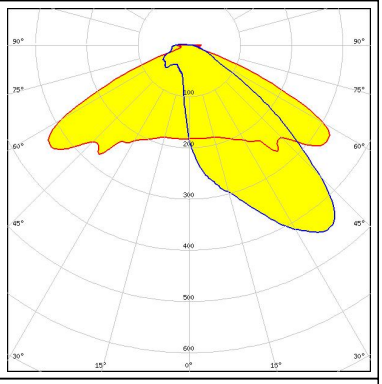
LED	XD16
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
Required components:	



CREE

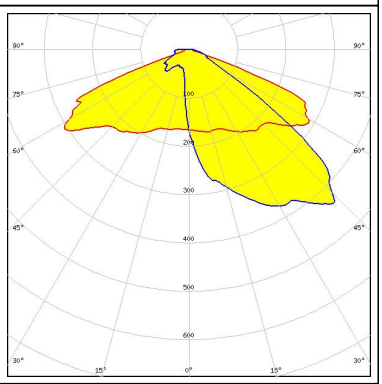
LED	XD16 2x2 cluster
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.700 cd/lm
Required components:	





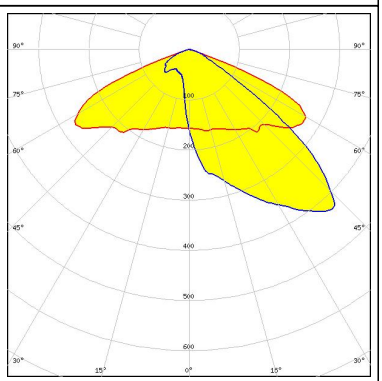
CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
Required components:	



CREE

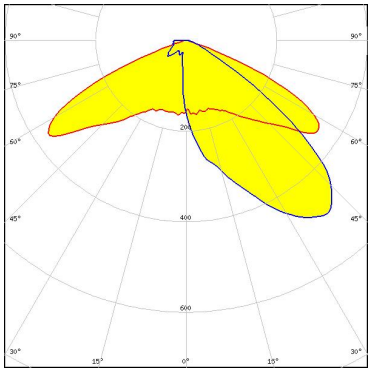
LED	XP-G3
FWHM	Asymmetric
Efficiency	86 %
Peak intensity	0.800 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

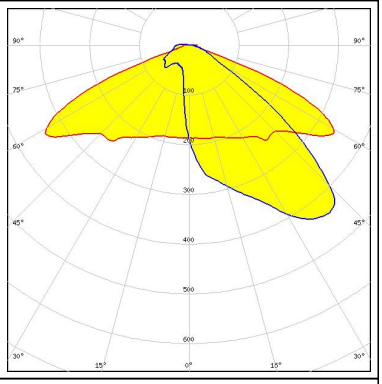
LUMILEDS

LED	LUXEON 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.720 cd/lm
Required components:	



LUMILEDS

LED	LUXEON V
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.770 cd/lm
Required components:	

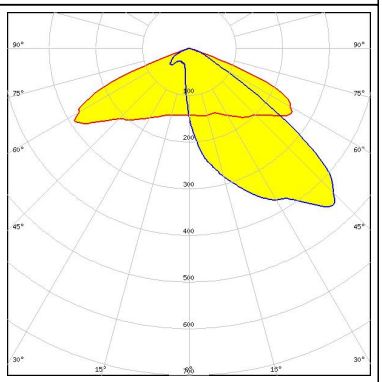


OSRAM

LED	PrevaLED Brick DC 2x8
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.950 cd/lm
Required components:	

OSRAM
Opto Semiconductors

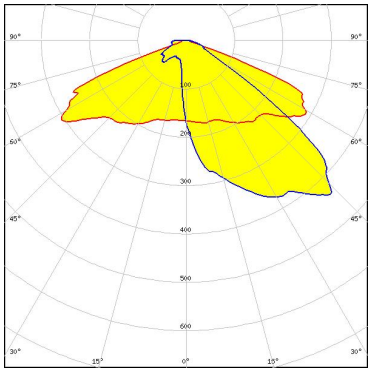
LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.950 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

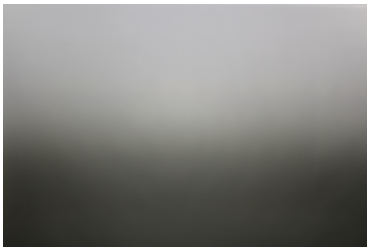
PHILIPS

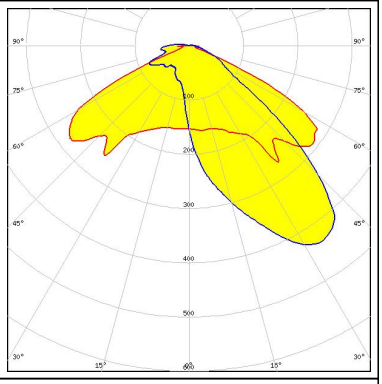
LED	Fortimo FastFlex LED board 2x8 DA G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

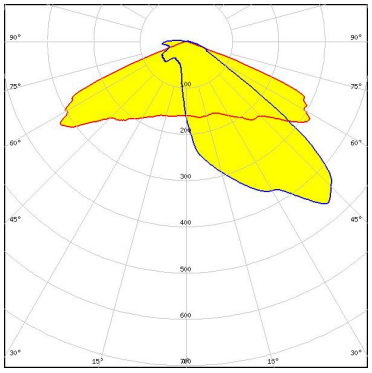
LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.890 cd/lm
Required components:	





TRIDONIC

LED	RLE G2 HP 2x8 4000lm
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.200 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XHP35 HD
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm

Required components:

CREE

LED	XHP35 HI
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm

Required components:

CREE

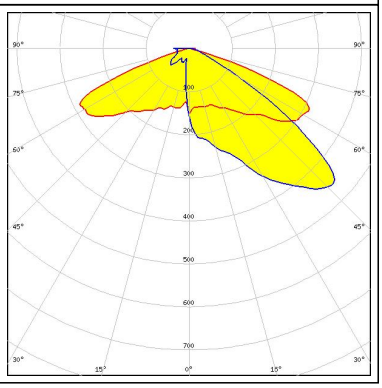
LED	XM-L2
FWHM	Asymmetric
Efficiency	0 %
Peak intensity	0.000 cd/lm

Required components:

CREE

LED	XP-L
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.850 cd/lm

Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-L HI
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
Required components:	

CREE

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

LUMILEDS

LED	LUXEON TX
FWHM	Asymmetric
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	

NICHIA

LED	NCSxx19B
FWHM	Asymmetric
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	

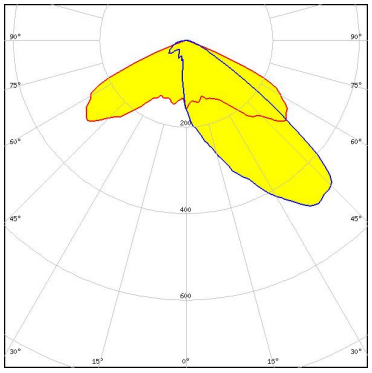
PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	86 %
Peak intensity	0.960 cd/lm

Required components:

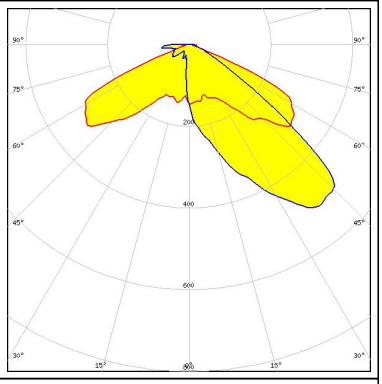
Undefined Manufacturer: Protective Plate, Glass



NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm

Required components:



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	0 %
Peak intensity	0.000 cd/lm

Required components:

OSRAM
Opto Semiconductors

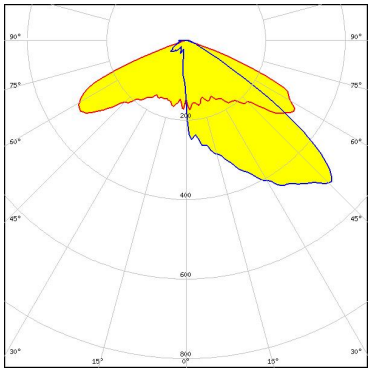
LED	Duris S8
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm

Required components:

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
Required components:	

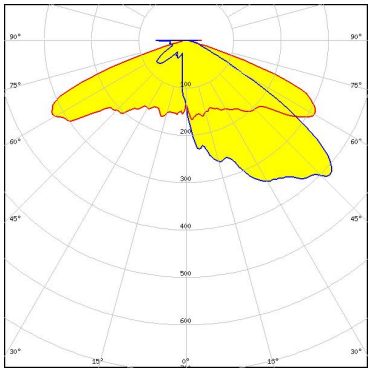


OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	Asymmetric
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	

PHILIPS

LED	Fortimo FastFlex LED board 2x8 DAX G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.880 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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