

STRADELLA-8-T2

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads

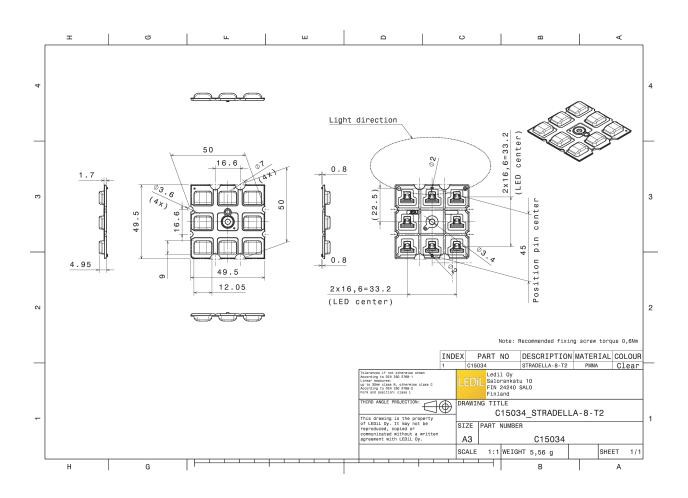
TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	5 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	5.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🕕



MATERIAL SPECIFICATIONS:

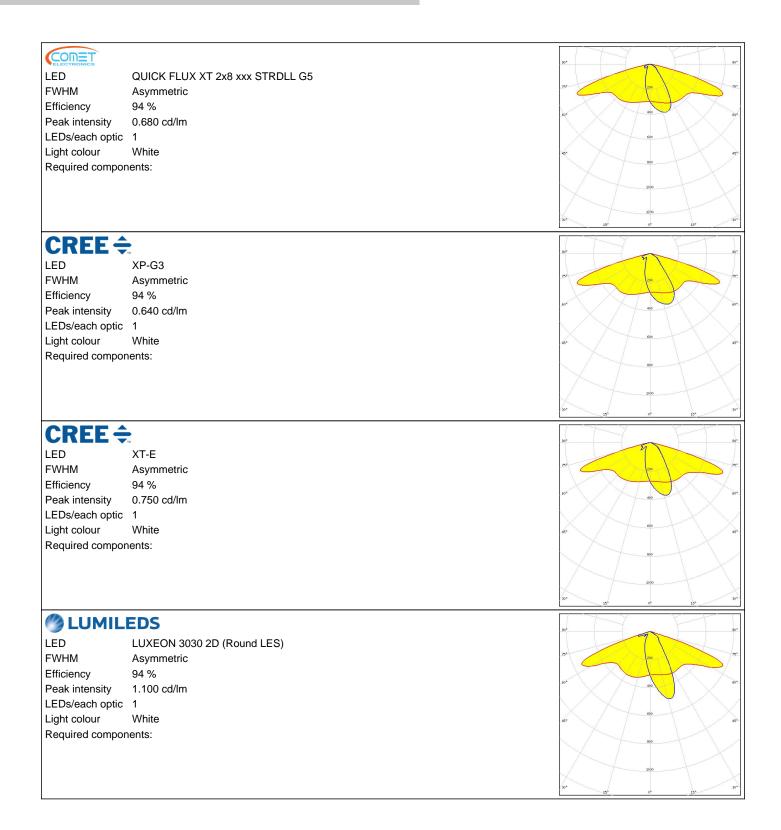
Component STRADELLA-8-T2 **Type** Multi-lens **Material** PMMA Colour clear



R



PHOTOMETRIC DATA (MEASURED):





PHOTOMETRIC DATA (MEASURED):

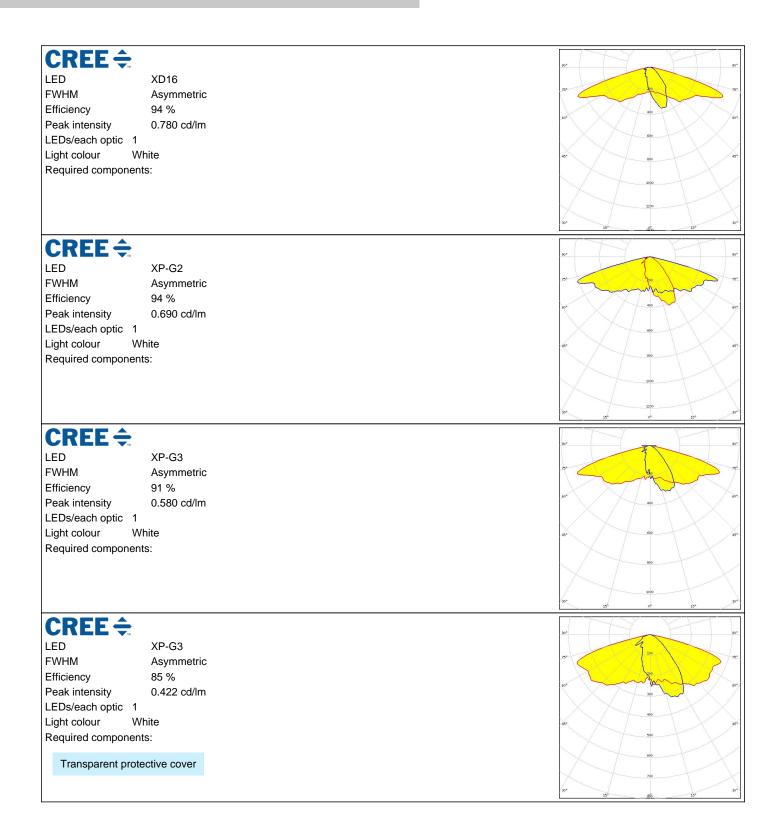
LUMIL	EDS	90* 90*
LED	LUXEON TX	
FWHM	Asymmetric	73° 200 75°
Efficiency	94 %	
Peak intensity	0.750 cd/lm	50° 60°.
LEDs/each optic		60
Light colour	White	45°
Required compor		
		1000
		30° <u>115° 30°</u>
UMIL	EDS	
LED	LUXEON V2	90" 90"
FWHM	Asymmetric	73° 200 78°
Efficiency	94 %	
Peak intensity	0.690 cd/lm	50 ⁴ 400 50 ⁴
LEDs/each optic		
Light colour	White	
Required compor		000
		1000
		1200
		30° 15° 30°
Ø NICHIΛ		
		82
LED	NVSxE21A	50 ⁴ 70 ⁴
LED FWHM	NVSxE21A Asymmetric	90 [*] 13 [*]
LED FWHM Efficiency	NVSxE21A Asymmetric 94 %	90° 73° 60° 60° 60°
LED FWHM Efficiency Peak intensity	NVSxE21A Asymmetric 94 % 1.000 cd/lm	50° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic	NVSxE21A Asymmetric 94 % 1.000 cd/lm	
LED FWHM Efficiency Peak intensity	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White	99 90 10 10 10 10 10 10 10 10 10 1
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White nents:	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White hents: OSLON Square CSSRM2/CSSRM3	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White nents:	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White hents: OSLON Square CSSRM2/CSSRM3 Asymmetric	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White hents: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.860 cd/lm	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White hents: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.860 cd/lm	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White nents: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.860 cd/lm 1 White	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White nents: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.860 cd/lm 1 White	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White nents: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.860 cd/lm 1 White	129
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSxE21A Asymmetric 94 % 1.000 cd/lm 1 White nents: OSLON Square CSSRM2/CSSRM3 Asymmetric 94 % 0.860 cd/lm 1 White	129



PHOTOMETRIC DATA (MEASURED):

		
SECOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	34, 154, 166, 154, 304, 91, 153, 153, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154, 154,
seoul semconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	







	90*
LED XP-G3	
FWHM Asymmetric	\sim
Efficiency 83 %	
Peak intensity 0.410 cd/lm	\prec \times /
LEDs/each optic 1 Light colour White	HX
Required components:	45'
Transparent protective cover	
No	
	15* 30"
UMILEDS	90"
LED LUXEON 3535 2D	
FWHM Asymmetric	A A
Efficiency 94 %	
Peak intensity 0.780 cd/lm	
LEDs/each optic 1	
Light colour White	45'
Required components:	
1200	
300	
20*	30*
	10
<pre> LUMILEDS</pre>	
LED LUXEON C	
LED LUXEON C FWHM Asymmetric	
LED LUXEON C FWHM Asymmetric Efficiency 94 %	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1	2
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components: ED NCSXE17A	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components: CONCCHIN LED NCSxE17A FWHM Asymmetric Efficiency 94 % Peak intensity 1.000 cd/lm	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	
LED LUXEON C FWHM Asymmetric Efficiency 94 % Peak intensity 0.900 cd/lm LEDs/each optic 1 Light colour White Required components:	



ΜΝΙCΗΙΛ		90° 90°
LED	NF2x757D	
FWHM	Asymmetric	75°
Efficiency	94 %	
Peak intensity	0.870 cd/lm	60° 60°
LEDs/each optic 1		
	ite	40 ⁺
Required components		1000
i toqui ou componenti	-	1200
		30° 1500 30° 15° 30°
ΜΝΙCΗΙΛ		
LED	NVSxx19B/NVSxx19C	
FWHM	Asymmetric	75%
Efficiency	94 %	
Peak intensity	0.580 cd/lm	50%
LEDs/each optic 1		
Light colour Wh	nite	
Required components		
		1000
		30° 30° 30°
		10 0 10
OSRAM Onto Semiconductors		
OSRAM Opto Semiconductors	Duris S5 (2 chip)	90° 99
LED	Duris S5 (2 chip) Asymmetric	200 V
LED FWHM	Asymmetric	
LED FWHM Efficiency		
LED FWHM Efficiency Peak intensity	Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 94 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 94 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 94 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 94 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 94 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WH Required components	Asymmetric 94 % 0.810 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 94 % 0.810 cd/lm hite s:	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 94 % 0.810 cd/lm hite s: OSCONIQ P 3737 (2W version)	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WH Required components	Asymmetric 94 % 0.810 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components OSRAM Opto Semiconductors LED FWHM Efficiency	Asymmetric 94 % 0.810 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric 87 %	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Required components COSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 % 0.810 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric 87 %	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Required components COSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 % 0.810 cd/lm nite S: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.480 cd/lm nite	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Core Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 94 % 0.810 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.480 cd/lm hite s:	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Corb Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	Asymmetric 94 % 0.810 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.480 cd/lm hite s:	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	Asymmetric 94 % 0.810 cd/lm hite s: OSCONIQ P 3737 (2W version) Asymmetric 87 % 0.480 cd/lm hite s:	



r			
OSRAM		1 THY	YHT
Opto Semiconductors		90°	90*
FWHM	OSCONIQ P 3737 (3W version)	739	100
	Asymmetric 87 %	200	
Efficiency	0.430 cd/lm	60*	604
Peak intensity	0.4 <i>3</i> 0 ca/im	300	
LEDs/each optic 1 Light colour W	hite	400	
Required component		45*	5*
Required component	5.		
Transparent prote	ective cover	600	TX
		700	
		30° 15° 80	184 304
OSRAM			FTT
Opto Semiconductors	OCLON Savara CCCDM2/CCCDM2	90°	90*
LED FWHM	OSLON Square CSSRM2/CSSRM3	750	775
	Asymmetric 94 %		
Efficiency	94 % 0.740 cd/lm	50% 400	604
Peak intensity LEDs/each optic 1	0.740 ca/im		
	hite	600	
0		45*	45*
Required component	5.	000	
			ane
		153 1290	15*
OSRAM		15, 180	12, 2
Opto Semiconductors		90°	15* 50*
Opto Semiconductors	OSLON Square EC	90*	19°
opto Semiconductors LED FWHM	Asymmetric	50* 75*	
opto Semiconductors LED FWHM Efficiency	Asymmetric 94 %	90*	
opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric	50* 75*	127 m 997 997 197
Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 % 0.780 cd/lm	50* 75*	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	Asymmetric 94 % 0.780 cd/lm hite	50* 75*	19° × ×
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 % 0.780 cd/lm hite	50* 75*	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	Asymmetric 94 % 0.780 cd/lm hite	50* 75*	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	Asymmetric 94 % 0.780 cd/lm hite	50* 75*	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 94 % 0.780 cd/lm hite	50* 75*	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 94 % 0.780 cd/lm hite		
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 94 % 0.780 cd/lm hite s:	50°	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component OSRAM Opto Semiconductors LED	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC		
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component OSRAM Opto Semiconductors LED FWHM	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric		
orto Semiconductors LED FWHM Efficiency Peak intensity LEDS/each optic 1 Light colour W Required component OSRAM Opto Semiconductors LED FWHM Efficiency	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric 89 %		
orbo Semiconductors LED FWHM Efficiency Peak intensity LEDS/each optic 1 Light colour W Required component OSSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric		
orbo Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component OSSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric 89 % 0.530 cd/lm		
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component OSSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric 89 % 0.530 cd/lm hite		
orbe Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component OSSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric 89 % 0.530 cd/lm hite		
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component Correstermineductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric 89 % 0.530 cd/lm hite s:		
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required component OSSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	Asymmetric 94 % 0.780 cd/lm hite s: OSLON Square PC Asymmetric 89 % 0.530 cd/lm hite s:		



SAMSUN LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	LH351C Asymmetric 94 % 0.520 cd/lm	92* 92* 92* 92* 92* 92* 92* 92*
SAMSUN LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	LM301B Asymmetric 96 % 0.676 cd/lm	
scout SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components		20° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components Transparent prote	S:	



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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy