

STRADA-2X2-FN

Narrow forward throw beam for area lighting. Excellent for lighting stadiums and airports from high masts.

TECHNICAL SPECIFICATIONS:

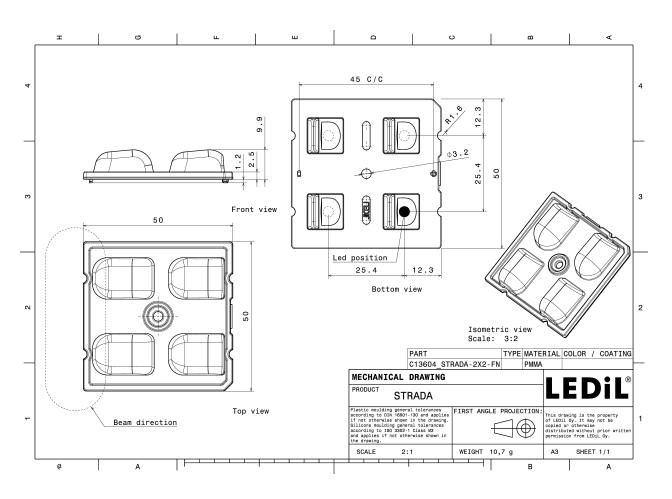
Dimensions	50.0 mm
Height	10 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.8 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-2X2-FN **Type** Multi-lens **Material** PMMA Colour clear





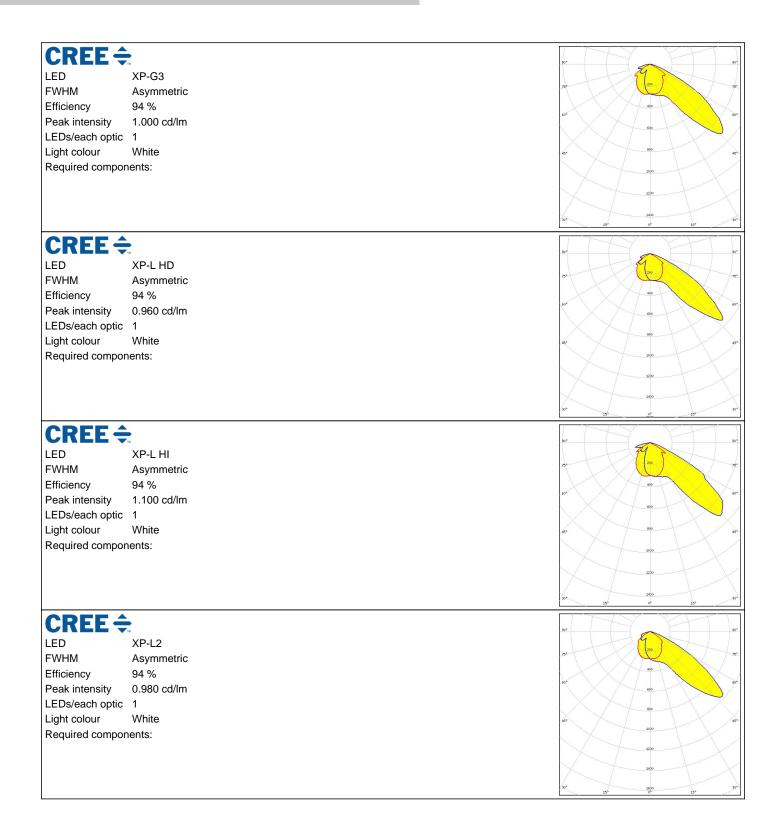
PRODUCT DATASHEET

C13604_STRADA-2X2-FN

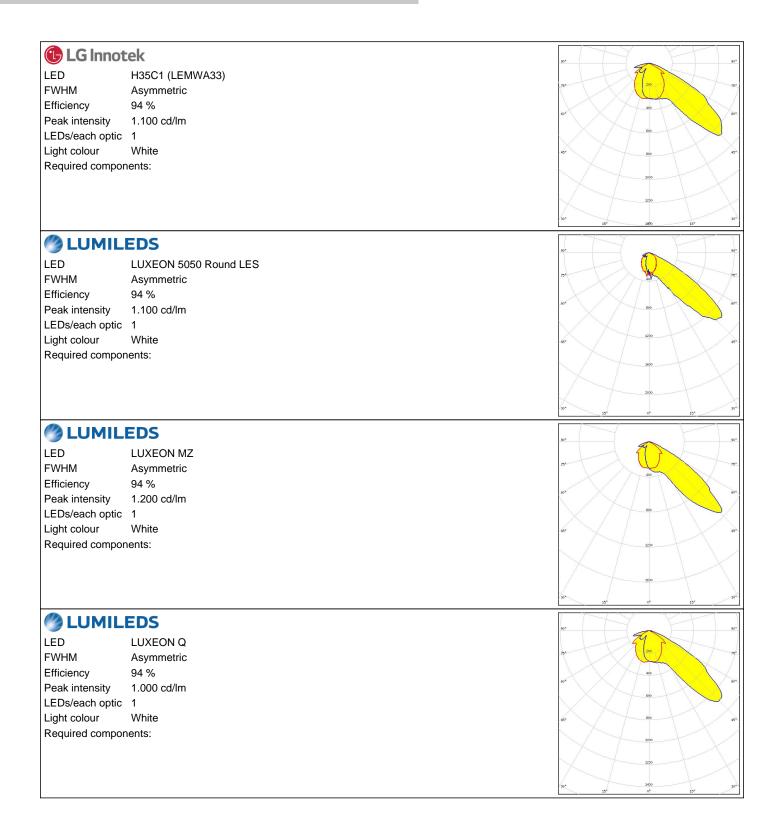


CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XD16Asymmetric94 %1.100 cd/lm4Yhite	90° 73° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XD16 Asymmetric 94 % 1.100 cd/lm 1 White	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XM-L Asymmetric 94 % 1.200 cd/lm 1 White	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XM-L2 Asymmetric 94 % 1.200 cd/lm 1 White	20 ¹⁰ 20

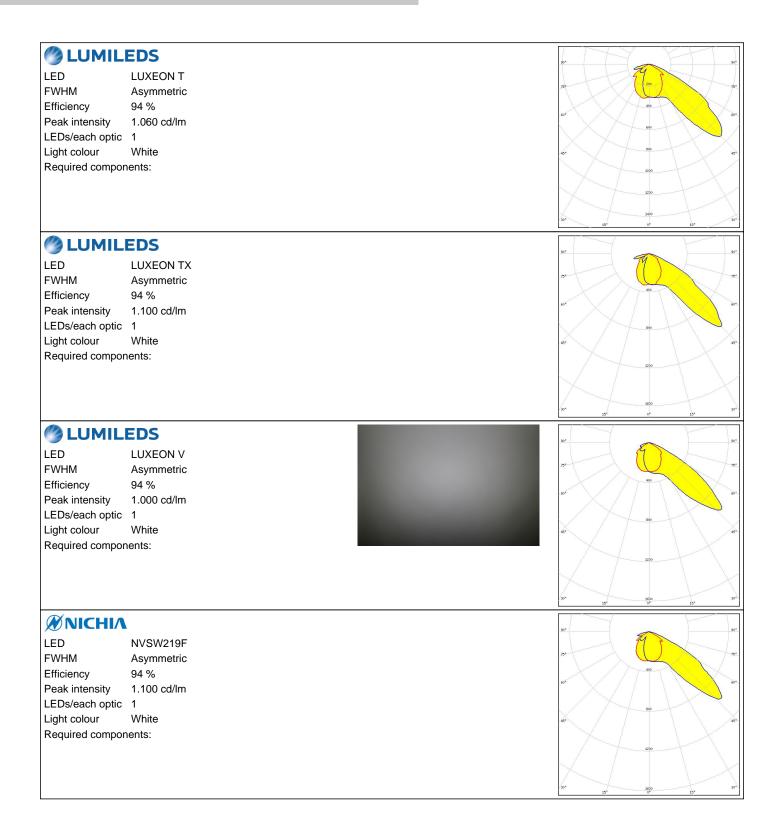














XICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW3x9A Asymmetric 94 % 1.100 cd/lm 1 White	
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSxE21A Asymmetric 94 % 1.500 cd/lm 1 White	
WNICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSxx19B/NVSxx19C Asymmetric 94 % 1.100 cd/lm 1 White	201 120 137 30° 120 0° 137 30° 137 0° 137 0



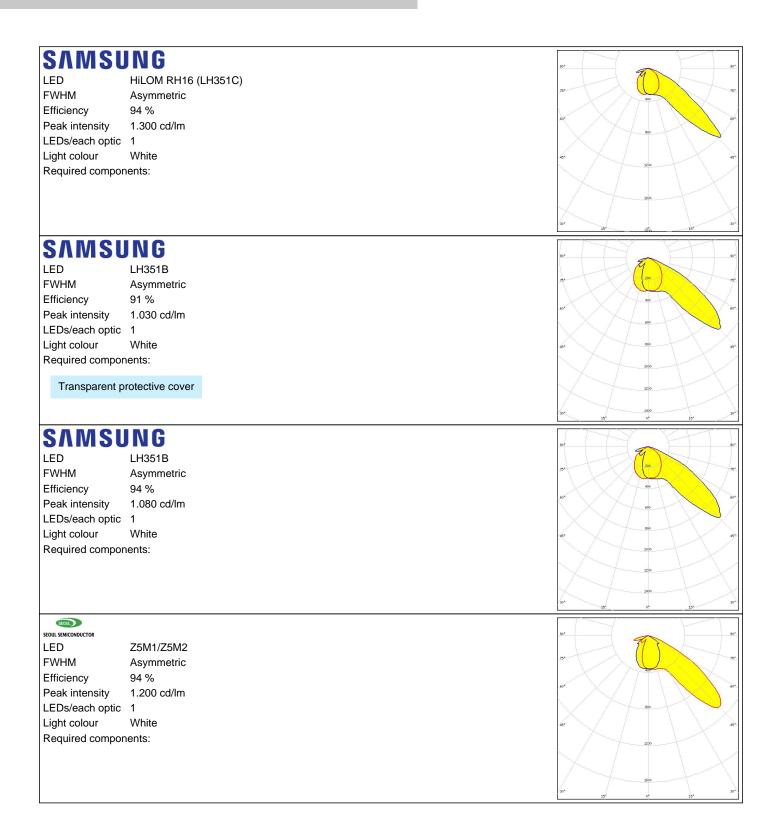
PHOTOMETRIC DATA (MEASURED):

OSRAM		
Opto Semiconductors		
LED	Duris S8	
FWHM	Asymmetric	
Efficiency	%	
Peak intensity	cd/lm	
LEDs/each optic		
Light colour	White	
Required compor	ents:	
OSRAM		
Opto Semiconductors		90* 90*
LED	OSLON Square PC	
FWHM	Asymmetric	25. 25.
Efficiency	94 %	400 81 ⁴ 60 ⁴
Peak intensity	1.200 cd/lm	60°
LEDs/each optic	1	300
Light colour	White	-63*
Required compor	ents:	\times \land \times
		1220
		30* 1500 30* 30*
PHILIP	S	
		90* 90*
LED	Fortimo FastFlex LED 2x8 DA G4	75°
FWHM	Asymmetric	400
Efficiency	94 %	604 601
Peak intensity	1.200 cd/lm	
LEDs/each optic		
Light colour	White	45'
Required compor	ents:	1220
		20° 20° 20° 20°
DUUUS	<u> </u>	20 ¹ 22 ³ 0 ³ 23 ³
PHILIP	S	20 ¹ 22 ¹ 0 ² 23 ² 30 ²
	S Fortimo FastFlex LED 2x8 DAX G4	20* 150 20* 23* 0* 13* 33*
		10° 10° 10° 10° 10° 10° 10° 10° 10° 10°
LED	Fortimo FastFlex LED 2x8 DAX G4	20° 25° 30° 20° 25° 30° 20° 25° 30° 20° 25° 30°
LED FWHM Efficiency	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric	20 ⁺ 12 ⁵ 0 ⁺ 13 ⁺ 30 ⁺
LED FWHM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.000 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.000 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.000 cd/lm 1 White	50° 12 ⁵ 0° 13° 30° 50° 10° 13° 30° 50° 0° 13° 13° 50° 0° 50° 0°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.000 cd/lm 1 White	50 ^x 10 ³ 0 ³ 10 ³ 30 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DAX G4 Asymmetric 94 % 0.000 cd/lm 1 White	

PRODUCT DATASHEET

C13604_STRADA-2X2-FN







SECOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity	Z5M3 Asymmetric 94 % 0.990 cd/lm	90°
LEDs/each optic		
Light colour	White	45* <u>0%</u> 45*
Required compon	ents:	1000 1270 30* 150 150 150 0* 15* 30*
		00* 00*
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic		92°
Light colour Required compon	White ents:	
		30° 30° 30°
SEOUL SEMICONDUCTOR	Z8Y22P	9° 97
FWHM	Asymmetric	750 200 757
Efficiency	94 %	400
Peak intensity	1.000 cd/lm	60* 60*
LEDs/each optic	1	600
Light colour	White	45* 000 45%
Required compon	ents:	1000 1000 1000 1000 1000 1000 1000 100
TOSHIBA		
Leading Innovation »»	TL1L3	90*
FWHM	Asymmetric	75
Efficiency	94 %	400
Peak intensity	0.940 cd/lm	50%
LEDS/each optic	1	
LEDs/each optic Light colour	1 White	er 900 er
	White	\$°
Light colour	White	6°



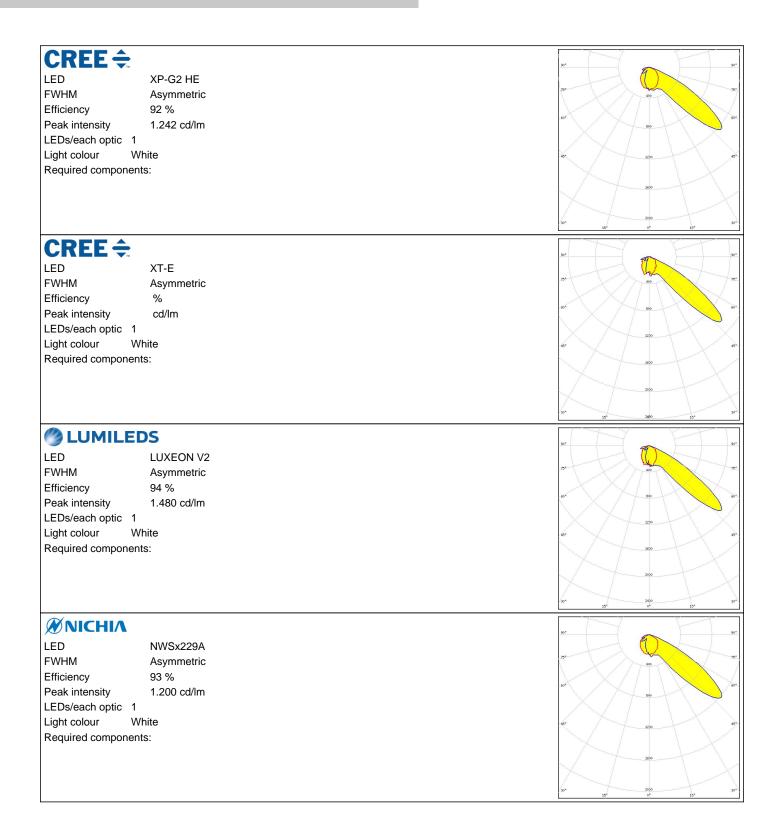
TOSHIBA Leading Innovation >>> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	50° 75° 65° 65° 65° 65° 65° 65° 65° 65° 65° 6
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE 2x4 2000lm HP EXC2 OTD Asymmetric 94 % 1.200 cd/lm 1 White	
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 1.200 cd/lm 1 White	22 102 102 21
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x121mm 2000lm xxx EXC OTD Asymmetric 94 % 1.300 cd/lm 1 White	2 ³⁷ <u>13⁴</u> <u>13⁴</u> <u>3⁵</u> <u>13⁶</u> <u>3⁵</u> <u>13⁶</u> <u>3⁶</u> <u>13⁶</u> <u>3⁶</u> <u>3⁶</u> <u>13⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶</u> <u>3⁶ <u>3⁶</u> <u>3⁶</u> <u></u></u>



TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x133mm 2000lm xxx EXC OTD Asymmetric 94 % 1.300 cd/lm 1 White ivents:	
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.300 cd/lm 1 White	5° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.300 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50°



PHOTOMETRIC DATA (SIMULATED):





PHOTOMETRIC DATA (SIMULATED):

OSRAM LED	PrevaLED Brick HP 2x8	80 80
FWHM	Asymmetric	730 780
Efficiency	91 %	400
Peak intensity	1.500 cd/lm	-81 ⁴
LEDs/each optic 1	1.500 60/111	
	hite	80
Required component		1401
rtequired component	3.	1220
		30* 1600 30* 30*
OSRAM Opto Semiconductors		9/* 9/
LED	Duris S10	
FWHM	Asymmetric	734 787
Efficiency	94 %	
Peak intensity	1.200 cd/lm	- 20 ⁴
LEDs/each optic 1		000
	hite	
Required component		1230
		\times / \setminus \times
		1600
		30° 15° 30°
OSRAM Opto Semiconductors		90° 90°
LED	OSCONIQ P 3737 (2W version)	
FWHM	Asymmetric	73%
Efficiency	94 %	
Peak intensity	1.600 cd/lm	60 ⁴ 60
LEDs/each optic 1		120
Light colour W	hite	457 1600 457
Required component	S:	1000
		2000
		2650
		12 ⁵ 0 ⁶ 12 ⁵
OSRAM Opto Semiconductors		90° 90
LED	OSCONIQ P 3737 (3W version)	
FWHM	Asymmetric	75 400 75
Efficiency	94 %	
Peak intensity	1.370 cd/lm	50* <u>800</u> 60
LEDs/each optic 1		$\sqrt{\chi}$
	hite	45° 1200 45
Required component	S:	
•		
		2000



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		80°
LED	OSCONIQ P 3737 Flat	
FWHM	Asymmetric	75% 400 77
Efficiency	94 %	
Peak intensity	1.505 cd/lm	60 ⁴ 90
LEDs/each optic 1		1200
Light colour W	hite	45*
Required componen	ts:	1600
		30* 2430 0 ⁸ 15 ³ 0 ⁹ 15* 3
OSRAM Opto Semiconductors		
	OCI ON Cause CCCDM2/CCCDM2	90* 9
LED FWHM	OSLON Square CSSRM2/CSSRM3 Asymmetric	75 ()
Efficiency	91 %	400
Peak intensity	1.500 cd/lm	.50 ⁴
LEDs/each optic 1		
	hite	45*
Required componen		
		1220
		30* 150 0* 35* 3
SAMSUN LED FWHM Efficiency Peak intensity LEDs/each optic 4 Light colour W Required componen	LH231B Asymmetric 93 % 1.480 cd/lm hite	
SAMSUT LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen	LH351D Asymmetric 92 % 1.400 cd/lm hite	



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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LEDiL Oy

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