

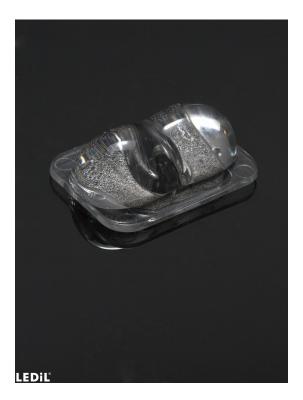
PRODUCT DATASHEET CA14523_EMERALD-MAXI-A

EMERALD-MAXI-A

Asymmetric beam. Assembly with installation tape.

SPECIFICATION:

Dimensions	33.0 x 25.0 mm
Height	11 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIALS:

Component EMERALD-MAXI-A ROSE-TAPE

Туре	
Single lens	
Таре	

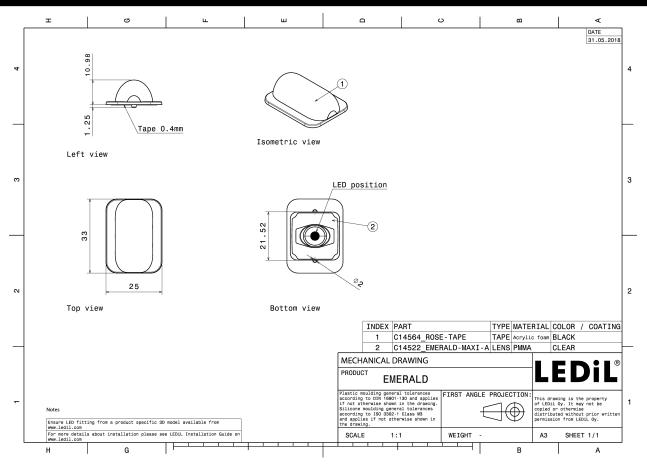
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14523_EMERALD-MAXI-A	Single lens	1330	280	70	7.8
» Box size: 480 x 280 x 300 mm					



PRODUCT DATASHEET CA14523_EMERALD-MAXI-A



See also our general installation guide: www.ledil.com/installation_guide



LEDS	XHP50.2	90* 90*
EED FWHM / FWTM	Asymmetric	73° 400 75°
Efficiency	91 %	
		50° 800 60°
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	120
Light colour	White	45° 45°
Required componer	IIS.	X/T/X
		2000
		30° 235 0° 15° 30°
		90° 90°
LED	XM-L	400
FWHM / FWTM	Asymmetric	726 - 76°
Efficiency	92 %	
Peak intensity	2 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	200
Light colour	White	45 2430 55
Required componer		
		2200
		200
		30* 4000 30*
		15 ⁰ 0 ⁰ 15 ⁰
		22 ³ 0 ³ 22 ³
CREE ÷	XM-L2	5°
LED	XM-L2 Asymmetric	
	XM-L2 Asymmetric 93 %	
LED FWHM / FWTM Efficiency	Asymmetric 93 %	92 ¹ 93 ¹ 66 ⁰ 67 ¹ 67 ¹ 67 ¹ 67 ¹ 67 ¹
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 1.9 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.9 cd/lm 1 White	5 5 5 5 5 5 5 5 5 5 5 5 5 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 1.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.9 cd/lm 1 White	5 5 5 5 5 5 5 5 5 5 5 5 5 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.9 cd/lm 1 White	5° 500 6°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 93 % 1.9 cd/lm 1 White	5° 500 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 93 % 1.9 cd/lm 1 White	5° 000 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 93 % 1.9 cd/lm 1 White tts:	5° 000 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 93 % 1.9 cd/lm 1 White hts: XP-G3	5° 000 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 93 % 1.9 cd/lm 1 White hts: XP-G3 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency	Asymmetric 93 % 1.9 cd/lm 1 White Ints: XP-G3 Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency Peak intensity	Asymmetric 93 % 1.9 cd/lm 1 White tts: XP-G3 Asymmetric 91 % 2.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 1.9 cd/lm 1 White hts: XP-G3 Asymmetric 91 % 2.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.9 cd/lm 1 White tts: XP-G3 Asymmetric 91 % 2.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 1.9 cd/lm 1 White tts: XP-G3 Asymmetric 91 % 2.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.9 cd/lm 1 White tts: XP-G3 Asymmetric 91 % 2.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.9 cd/lm 1 White tts: XP-G3 Asymmetric 91 % 2.8 cd/lm 1 White	
ED WHM / FWTM Efficiency Peak intensity EDs/each optic .ight colour Required componer CREE ED ED WHM / FWTM Efficiency Peak intensity .EDs/each optic .ight colour	Asymmetric 93 % 1.9 cd/lm 1 White tts: XP-G3 Asymmetric 91 % 2.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.9 cd/lm 1 White tts: XP-G3 Asymmetric 91 % 2.8 cd/lm 1 White	



LED	XP-L HD	90*
FWHM / FWTM	Asymmetric	73° 800 75°
Efficiency	92 %	$X \times X / (X \times X)$
	92 % 2.4 cd/lm	60 ⁴ 1600 60 ⁴
Peak intensity		
LEDs/each optic	1	2400
Light colour	White	45+ 45+
Required componer	IS.	X X
		4800 4600 130* 135 00° 15* 30*
LED	XP-L HI	
FWHM / FWTM	Asymmetric	73* 800 77*
Efficiency	92 %	1500
Peak intensity	3.4 cd/lm	60 ⁴ 2400 60 ⁴
LEDs/each optic	1	3200
Light colour	White	a ¹
Required componer		1000
	no.	
		500
		6430
		30* <u>7200</u> 30* 30*
UMIL	EDS	90° 90°
		30°
	EDS LUXEON 5050 Square LES Asymmetric	52°
LED	LUXEON 5050 Square LES	
LED FWHM / FWTM	LUXEON 5050 Square LES Asymmetric	73°
LED FWHM / FWTM Efficiency	LUXEON 5050 Square LES Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm	275
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White its:	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White its:	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts:	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts:	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Mequired component LED FWHM / FWTM	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts:	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Mequired component Equired component Component Required component Equired component Required component Equired component Component Required component Equired component Componen	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts:	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component COMPARENTIAL LED FWHM / FWTM Efficiency Peak intensity	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/m 1 White hts: EDS LUXEON M/MX Asymmetric 92 %	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Equired component Equired component Required component Equired component Required component Equired component Required component Equired	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts: EDS LUXEON M/MX Asymmetric 92 % 1.2 cd/lm 1	27 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Methods and the second Equired component Equired component Component Required component Equired compon	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts: EDS LUXEON M/MX Asymmetric 92 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Equired component Equired component Required component Equired component Required component Equired component Required component Equired	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts: EDS LUXEON M/MX Asymmetric 92 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Methods and the second Equired component Equired component Component Required component Equired compon	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Equired component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 5050 Square LES Asymmetric 91 % 1.7 cd/lm 1 White hts:	



🕐 LUMIL	EDS	
LED	LUXEON MZ	~ ~ ~ ~
FWHM / FWTM	Asymmetric	75° 400 75°
Efficiency	80 %	800
Peak intensity	1.7 cd/lm	504 1200 604
LEDs/each optic	1	
Light colour	White	
Required compone		200
		260
Protective	plate, glass	2000
		30* 3200 30*
	FDS	15 [°] 0 [°] 15 [°]
		90* 90*
		750
FWHM / FWTM	Asymmetric 92 %	
Efficiency Peak intensity	92 % 2.1 cd/lm	.50 ⁴ 50 ⁴
LEDs/each optic	1	
Light colour	u White	2000
Required compone		
Required compone		330
		X X
		4000
		30° 13 ⁵ 0° 10° 30°
OSRAM		90° 90°
OSRAM Opto Semiconductors	Duris S8	92 93
Opto Semiconductors	Duris S8 Asymmetric	92° 92° 70° 60° 70°
opto Semiconductors LED FWHM / FWTM	Duris S8 Asymmetric 92 %	35 - 60 - 92
^{opto Semiconductors} LED FWHM / FWTM Efficiency	Asymmetric	94° 94° 37° 400 7° 64° 000 60
opto Semiconductors LED FWHM / FWTM	Asymmetric 92 %	90° 90° 90° 90° 90° 60° 90° 60° 60°
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 1.6 cd/lm	25
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 1.6 cd/lm 1 White	04 1270 00 00 09
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1.6 cd/lm 1 White	50 50 60 60 100 100 100 100 100 100 100 100
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1.6 cd/lm 1 White	50 50 60 60 100 100 100 100 100 100 100 100
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1.6 cd/lm 1 White	50 50 60 60 100 100 100 100 100 100 100 100
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 92 % 1.6 cd/lm 1 White	65 99 64 120 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 92 % 1.6 cd/lm 1 White ints:	65 99 64 120 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED	Asymmetric 92 % 1.6 cd/lm 1 White Ints: OSLON Black Flat (LUW HWQP)	65 99 64 120 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 92 % 1.6 cd/lm 1 White Ints: OSLON Black Flat (LUW HWQP) Asymmetric	000 604 1200 000 000 000 000 000 000 00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 92 % 1.6 cd/lm 1 White ints: OSLON Black Flat (LUW HWQP) Asymmetric 93 %	000 (04) 1200 (04) 1
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 92 % 1.6 cd/lm 1 White ints: OSLON Black Flat (LUW HWQP) Asymmetric 93 % 6.8 cd/lm	000 604 1270 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 92 % 1.6 cd/lm 1 White ints: OSLON Black Flat (LUW HWQP) Asymmetric 93 % 6.8 cd/lm 1	000 (0) 1200 000 000 000 000 000 000 00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1.6 cd/lm 1 White ints: OSLON Black Flat (LUW HWQP) Asymmetric 93 % 6.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1.6 cd/lm 1 White ints: OSLON Black Flat (LUW HWQP) Asymmetric 93 % 6.8 cd/lm 1 White	94 94 95 95 95 95 95 95 95 95 95 95
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 92 % 1.6 cd/lm 1 White ints: OSLON Black Flat (LUW HWQP) Asymmetric 93 % 6.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 92 % 1.6 cd/lm 1 White ints: OSLON Black Flat (LUW HWQP) Asymmetric 93 % 6.8 cd/lm 1 White	94 000 000 1200 200 2000 2



SAMS	UNG	
LED	LH181B	
FWHM / FWTM	Asymmetric	75° 750
Efficiency	92 %	200
Peak intensity	3.9 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	400
Light colour	White	4° 600 47°
Required compone	ents:	
		400
		729
		30 ⁴ 22 ⁵ 0 ⁴ 13 ⁴ 30 ⁴



OPTICAL RESULTS (SIMULATED):

OSRAM		
Opto Semiconductors	OSCONIQ P 7070	90* 90*
EED FWHM / FWTM		75° 400 75°
Efficiency	Asymmetric 86 %	
	60 % 1.3 cd/lm	66 ⁺ 000
Peak intensity		1200
LEDs/each optic	1	
Light colour	White	45* 1600 45*
Required components:		
		2000
		2100
		30° 15° 0° 15° 30°
SAMSUN	IG	
		90* 90*
LED	LH181B	
FWHM / FWTM	Asymmetric	400 N
Efficiency	76 %	.60° 60°.
Peak intensity	1.2 cd/lm	$ \times / / \top \setminus \times /$
LEDs/each optic	1	1200
Light colour	White	45*
Required components:		1500
Protective plate		
Fiblective plate	, yiass	2000
		30* 15 ⁵ 28 ⁶⁰ 15* 30*
SAMSUN	IG	
		90* 90*
LED		
	LH351D	75°
FWHM / FWTM	Asymmetric	756 600 776.
Efficiency	Asymmetric 91 %	40 ³ 60 ⁴ 75 ²
Efficiency Peak intensity	Asymmetric 91 % 1.2 cd/lm	
Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 1.2 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm	. 60 00 000
Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 1.2 cd/lm 1	. 60* 000 60*
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1	. 60* 000 60*
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1	. 60* 000 60*
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1	. 60* 000 60*
Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1	5 ⁴ 5 ⁴ 5 ⁵ 15 ²⁰ 6 ⁵ 16 ²⁰ 16 ²⁰ 1 ⁶⁰ 1 ⁶
Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 1.2 cd/lm 1 White	5 ⁴ 5 ⁴ 5 ⁵ 15 ²⁰ 6 ⁵ 16 ²⁰ 16 ²⁰ 1 ⁶⁰ 1 ⁶
Efficiency Peak intensity LEDs/each optic Light colour Required components: seoul semiconductor LED	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P	5 ⁴ 1522 5 ⁵ 162 162 162 162 162 162 162 162
Efficiency Peak intensity LEDs/each optic Light colour Required components: stout semiconductor LED FWHM / FWTM	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0°	
Efficiency Peak intensity LEDs/each optic Light colour Required components: seoul seniconductor LED FWHM / FWTM Efficiency	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 %	5 ¹⁵ <u>999</u> 50 ⁴ 11 ² 9 5 ¹⁵ <u>16</u> 2 2 ¹⁰ 2 ¹⁰
Efficiency Peak intensity LEDs/each optic Light colour Required components: seour senconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 % 1.5 cd/lm	20 ⁴ 20
Efficiency Peak intensity LEDs/each optic Light colour Required components: seous sewconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 % 1.5 cd/lm 1	40° 40° 40° 40° 40° 40° 40° 40°
Efficiency Peak intensity LEDs/each optic Light colour Required components: stoou semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 % 1.5 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required components: seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 % 1.5 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: stoou semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 % 1.5 cd/lm 1	5
Efficiency Peak intensity LEDs/each optic Light colour Required components: store statements store statements EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 % 1.5 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components: store statements store statements EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 1.2 cd/lm 1 White Z8Y22P 156.0 + 62.0° / 169.0 + 154.0° 92 % 1.5 cd/lm 1	