

PRODUCT DATASHEET CS16619_DAHLIA-TL110

DAHLIA-TL110

~120° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	321.0 x 80.5 mm
Height	11 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



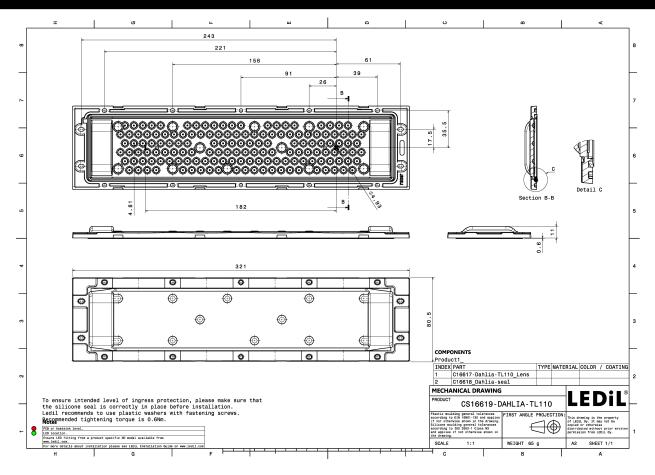
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
DAHLIA-TL110	Linear lens	PMMA	clear	
DAHLIA-TL-SEAL	Seal	Silicone		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16619_DAHLIA-TL110	Linear lens	80	80	4	7.7
» Box size: 343 x 343 x 298 mm					

PRODUCT DATASHEET CS16619_DAHLIA-TL110



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



PHOTOMETRIC DATA (MEASURED):

	_	
	L0-278053-RRRR-C1000-K237	8°
FWHM / FWTM	122.0° / 142.0°	77
Efficiency	94 %	
Peak intensity	0.3 cd/lm	554 200
LEDs/each optic	1	
Light colour	Red	45" 300
Required compone	ents:	
		30° 12° 0° 12°
ELUM	INUS	8*
LED	SST-10-B130	
FWHM / FWTM	123.0° / 140.0°	77
Efficiency	93 %	
Peak intensity	0.3 cd/lm	5 ³
LEDs/each optic	1	
Light colour	Deep Red	67 30
Required compone	ents:	30 ⁻¹ 10 ⁻ 10 ⁻
OSRAM Opto Semiconductors		
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	122.0° / 142.0°	
Efficiency	94 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	Hyper Red	67 300
Required compone	ents:	10



LED	J Series 2835	90
FWHM / FWTM	129.0° / 140.0°	736 780
Efficiency	92 %	100
Peak intensity	92 % 0.3 cd/lm	50° 60*
LEDs/each optic	1 White	
Light colour Required components:	vvnite	42* 43+
Required components:		
		400
		30° 15° 30°
LED	J Series 3030	
FWHM / FWTM	126.0° / 138.0°	734 734
Efficiency	91 %	
Peak intensity	0.3 cd/lm	60* () () () () () () () () () (
LEDs/each optic	1	200
Light colour	White	
Required components:	white	300
		\times
		400
		\times / \land \times
		30° 15° 26° 15° 30°
)S	90° 90°
LED	LUXEON 2835 Line	
FWHM / FWTM	118.0° / 133.0°	73°
Efficiency	93 %	
Peak intensity	0.3 cd/lm	50 ⁴ 60*
LEDs/each optic	1	
Light colour	White	45*
Required components:		30
		400
~		
ΜΝΙCΗΙΛ		90° 90°
LED	NF2x757G	
FWHM / FWTM	127.0° / 140.0°	100
Efficiency	92 %	
Peak intensity	0.3 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	45° 300 43°
Required components:		
		\times / \setminus \times



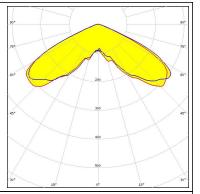
ΜΝΙCΗΙΛ		90°
LED	NFSx757G	
FWHM / FWTM	127.0° / 140.0°	75° 75°
Efficiency	93 %	
Peak intensity	0.3 cd/lm	60*
LEDs/each optic	1	200
Light colour	White	
Required components:		30
		460
		30° 550 30° 30°
ΜΝΙCΗΙΛ		90* 92*
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	132.0° / 144.0°	75° 100 75°
Efficiency	93 %	
Peak intensity	0.3 cd/lm	-60*
LEDs/each optic	1	
Light colour	White	45* 300 45*
Required components:		
		400
		\times
		30* 500 30*
		10 0 10
OSRAM		
OSRAM Opto Semiconductors		50°
Opto Semiconductors	Duris S5 (Single chip)	
Opto Semiconductors LED FWHM / FWTM	128.0° / 141.0°	5° 50 50
opto Semiconductors LED FWHM / FWTM Efficiency	128.0° / 141.0° 94 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	128.0° / 141.0° 94 % 0.3 cd/lm	100 000 000 000 000 000 000 000 000 000
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	128.0° / 141.0° 94 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	128.0° / 141.0° 94 % 0.3 cd/lm	20 00 00 00 00 00 00 00 00 00
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	128.0° / 141.0° 94 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	128.0° / 141.0° 94 % 0.3 cd/lm 1	40 40 50 50 50 50 50 50 50 50 50 5
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	128.0° / 141.0° 94 % 0.3 cd/lm 1	5° 50 6°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	128.0° / 141.0° 94 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	128.0° / 141.0° 94 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required components:	128.0° / 141.0° 94 % 0.3 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	128.0° / 141.0° 94 % 0.3 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0°	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0° 93 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0° 93 % 0.3 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0° 93 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0° 93 % 0.3 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0° 93 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0° 93 % 0.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	128.0° / 141.0° 94 % 0.3 cd/lm 1 White OSCONIQ P 3030 129.0° / 142.0° 93 % 0.3 cd/lm 1	



OSRAM

LED	OSCO
FWHM / FWTM	128.0°
Efficiency	94 %
Peak intensity	0.3 cd/
LEDs/each optic	1
Light colour	Hyper
Required components:	





OSRAM Opto Semiconductors

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:

OSLON SSL 120 128.0° / 137.0° 94 % 0.3 cd/lm 1 Blue

OSRAM Opto Semiconductors

LED	OSLON SSL 120
FWHM / FWTM	127.0° / 137.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	

OSRAM

opto comiconauctoro
LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:

OSLON SSL 120 127.0° / 135.0° 95 % 0.4 cd/lm 1 Red



OSRAM		
Opto Semiconductors	OSLON SSL 150	
FWHM / FWTM	137.0° / 146.0°	
Efficiency	94 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:	White	
Required components.		
SEOUL		as*
LED	SEOUL DC 3030	
FWHM / FWTM	129.0° / 140.0°	75%
Efficiency	92 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	20
Light colour	White	
Required components:		300
required componenter		\times
		400
		\times
		30° 15° 300 15°
SECUL		91*
LED	Z5M	
FWHM / FWTM	134.0° / 146.0°	75
Efficiency	92 %	
Peak intensity	0.3 cd/lm	too the second second
LEDs/each optic	1	200
Light colour	White	45*
Required components:		
		X X
		460
		\times / \setminus >
		30° 15° 500 15°