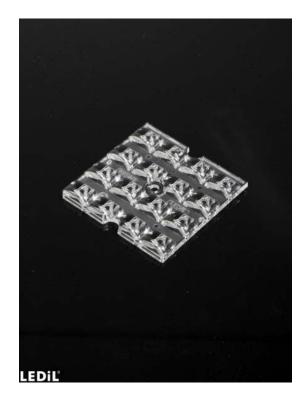


## STRADELLA-16-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

### **SPECIFICATION:**

Dimensions	49.5 x 49.5 mm
Height	4.4 mm
Fastening	screw
ROHS compliant	yes 🛈

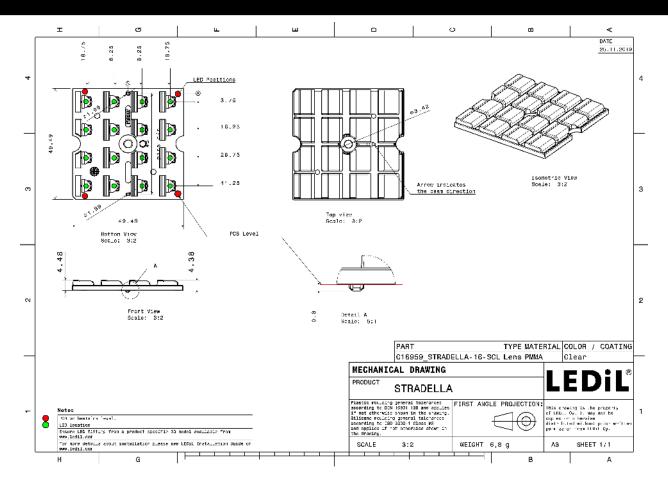


#### **MATERIALS:**

Component	Туре	Material	Colour	Finish
STRADELLA-16-SCL	Multi-lens	PMMA	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16959_STRADELLA-16-SCL	800	160	160	6.4
» Box size: 480 x 280 x 300 mm				



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



### **OPTICAL RESULTS (MEASURED):**

LED	J Series 3030	
FWHM / FWTM	Asymmetric	
Efficiency	95 %	
-	95 % 0.6 cd/lm	at ALINA Yes
Peak intensity		$\times$
LEDs/each optic	1	
Light colour	White	K / Y
Required compone	nts:	X  X
		1 7- ···································
		$\times$ $\land$ $\land$ $\land$
		tr' net p
LED	EHP-223.5x50-1604-xx-70-LS30-06-NTC	
FWHM / FWTM	Asymmetric	
Efficiency	97 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		NA N
		X   X
		10.
<b>ØNICHI</b>		177 PTI
LED	- NF2x757G	
EED FWHM / FWTM	Asymmetric	at the the
	94 %	
Efficiency Peak intensity	94 /0 0.6 cd/lm	
	1	
LEDs/each optic	ı White	XXXXXX
Light colour		
Required compone	ins.	
		$\times$
ØNICHI/		THAT
LED	NFSW757H	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	$X \times \gamma \rightarrow \gamma \times X$
Required compone		C V + + V *
	no.	XX
		XX
		X
		1



bridgelux.		
	CSP 2727 (BXCP)	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		THO WITT
bridgelux.		17 N
LED	CSP 2727 (BXCP)	
FWHM / FWTM	Asymmetric	
Efficiency	78 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		X
Protective plate	e, glass	X A X
		- TAY FILM
LED	J Series 3030	
FWHM / FWTM	Asymmetric	
Efficiency	78 %	
Peak intensity	0.5 cd/lm	K X X La X X Ja
LEDs/each optic	1	$X \times X \times X$
Light colour	White	$X \times T \to X X$
Required components:	Winte	
Required components.		NA NA
Protective plate	e. glass	
		r
	)S	
LED	LUXEON 2835 Line	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	XZATAXXXX
	92 % 0.6 cd/lm	
Peak intensity		X / + # - N X
LEDs/each optic	1	
Light colour	White	¢ /
Required components:		$\times$ / $\times$
		$\times$ $( \square ) \times$
		1. Nor Nor Nor
		n, it it



C LUMILE	IS	
LED	LUXEON 3030 2D (Square LES)	
FWHM / FWTM	Asymmetric	
Efficiency	77 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
Protective plate	, glass	X++X
	)S	1740047L
LED	LUXEON 3030 HE Plus	
FWHM / FWTM	Asymmetric	and the second s
Efficiency	91 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	$X \times T \times X$
Light colour	White	XXTYXX
Required components:		
		XXXXX
		X
Mauren		
<b>WNICHIA</b>		P
LED	NCSxE17A	
FWHM / FWTM	Asymmetric	
Efficiency	90 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	X M-+-NX
Light colour	Green	$\epsilon \times ( X )$
Required components:		
		$\times$ $\wedge$ $\times$
		St
MAUCHIA		
<b>ØNICHIA</b>		
LED	NFSWE11A	
LED FWHM / FWTM	Asymmetric	TX/IVX7/
LED FWHM / FWTM Efficiency	Asymmetric 90 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 1.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 1.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 1.1 cd/lm 1	12 <sup>-1</sup> 12 <sup>-1</sup> 12 <sup>-1</sup> 12 <sup>-1</sup> 12 <sup>-1</sup> 12 <sup>-1</sup> 12 <sup>-1</sup> 12 <sup>-1</sup>



OSRAM		
Opto Semiconductors	Duris S5 (2 chip)	No.
FWHM / FWTM	Asymmetric	a ( a ) d
Efficiency	77 %	1
Peak intensity	0.4 cd/lm	
		$X \rightarrow X $
LEDs/each optic		$X \times I \times X$
Light colour	White	" V / " V »"
Required components:		V + ···································
Protective plate	, glass	
		NINA
		2° <u>80</u> <u>9</u> <u>9</u>
OSRAM Opto Semiconductors		
LED	OSCONIQ C 2424	
FWHM / FWTM	Asymmetric	
Efficiency	77 %	NXXMPKXX/
Peak intensity	0.5 cd/lm	× × ×
LEDs/each optic	1	
Light colour	White	
Required components:		
		XtorX
Protective plate	e, glass	X Am X
OSRAM Opto Semiconductors		1 Transfer L
LED	OSCONIQ C 2424	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	0.7 cd/lm	e* /
LEDs/each optic	1	
Light colour	White	
Required components:		
		X / T
		·*
OSRAM Opto Semiconductors		
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	
Efficiency	90 %	
Peak intensity	0.5 cd/lm	AT
LEDs/each optic	1	
Light colour	White	e hand hand
Required components:		N N T V Z
1		
		XTATX
		X7-+X
		E* 10 <sup>4</sup> 16



<u> </u>		
SAMSUN	16	
LED	LH181B	
FWHM / FWTM	Asymmetric	and and a second
Efficiency	85 %	
Peak intensity	0.6 cd/lm	A24
LEDs/each optic	1	$\vee \times   \times $
Light colour	White	
Required components:		A month
Protective plate	, glass	And
		n n n
SAMSUN	IG	- CHY - M
LED	LH181B	
FWHM / FWTM	Asymmetric	
Efficiency	91 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	XAA
Light colour	White	
Required components:		
		L 7
0.0.0.0.0.0	10	
SAMSUN	16	
LED	LH351B	
FWHM / FWTM	Asymmetric	
Efficiency	89 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	- V 7-1-T V
Light colour	White	
Required components:		
		XTAT
		/ · · · · · · · · · · · · · · · · · · ·
CUNCIN		1 10 - 16
SAMSUN		-
LED	LM301B	
FWHM / FWTM	Asymmetric	X
Efficiency	91 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	$\Delta$
Light colour	White	
<b>D</b>		
Required components:		
Required components:		
Required components:		At



SAMSUN	IG	
LED	LM301B	E C
FWHM / FWTM	Asymmetric	
Efficiency	77 %	1 miles
Peak intensity	0.4 cd/lm	at X The A
LEDs/each optic	1	$X \rightarrow X$
Light colour	White	
Required components:	Wine	X/TX
required compensitio.		XTAX
Protective plate	e, glass	V Hant N
SAMSUN	IG	
LED	LM302D	
FWHM / FWTM	Asymmetric	
Efficiency	76 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	e
Required components:		
Drotostivo plate		$X \cap X$
Protective plate	, glass	X T- + C)
		2.* BY 5.*
SAMSUN	16	LAN VAL
		6°
LED	LM302Z plus	
FWHM / FWTM	Asymmetric	
Efficiency	75 %	*X//*X/X)
Peak intensity	0.4 cd/lm 1	
LEDs/each optic	1 White	$X \times (T \setminus X)$
Light colour	White	
Required components:		N.
Protective plate	, glass	
		2.* m <sup>2</sup> 69 dp*
(LOUS)		INASSAT
SEQUL SEMICONDUCTOR	SEOUL DC 3030C	
ED FWHM / FWTM	Asymmetric	
Efficiency	90 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	X X
Required components:		KXX+++X
quirea componente.		X
		X
		X



SEQUE SEMICONDUCTOR	SEOUL DC 3030C	2°
FWHM / FWTM		and (a) > m
Efficiency	Asymmetric 75 %	1 mint 1
	0.4 cd/lm	er
Peak intensity		
LEDs/each optic	1	
Light colour	White	· · · · · · · · · · · · · · · · · · ·
Required components:		
Protective plat	e, glass	$X \land X$
		x T-+ X
		r" v v
SEOUL SEMICONDUCTOR		
	Z5M3	
FWHM / FWTM	Asymmetric	
Efficiency	89 %	
Peak intensity	0.4 cd/lm	20 20 20
LEDs/each optic	1	$ X \times     X \times  $
Light colour	White	
Required components:		
		32* 20 30
SEQUE SEMICONDUCTOR	<b>78</b> Y19	
seoul semiconductor LED	Z8Y19 Asymmetric	
secul semiconductor LED FWHM / FWTM	Asymmetric	
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 77 %	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.5 cd/lm 1	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.5 cd/lm 1	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm 1 White	
stoul structorbutcor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	Asymmetric 77 % 0.5 cd/lm 1 White	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	Asymmetric 77 % 0.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	Asymmetric 77 % 0.5 cd/lm 1 White e, glass	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric 77 %	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric	
stoul semeonoucron LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat stoul semeonoucron LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric 77 % 0.5 cd/lm 1	
stoul sewconoucrow LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat stoul sewconoucrow LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric 77 % 0.5 cd/lm	
stoul sewconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat stoul sewconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric 77 % 0.5 cd/lm 1 White	
stoul sewconoucrow LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat stoul sewconoucrow LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric 77 % 0.5 cd/lm 1 White	
stoul sewconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat stoul sewconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.5 cd/lm 1 White e, glass Z8Y22 Asymmetric 77 % 0.5 cd/lm 1 White	



SEQUE SEMICONDUCTOR	
LED	Z8Y22T
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components	3:
(UDB)	
SECUL SEMICONDUCTOR	70/007
LED	Z8Y22T
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components	3:
Protective pl	ate, glass



#### **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.

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