

HB-IP-2X6-RS

~20° spot beam

SPECIFICATION:

Dimensions	173.0 x 71.4 mm
Height	11.4 mm
Fastening	pin, screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈

PRODUCT DATASHEET CS14895_HB-IP-2X6-RS



MATERIALS:

Component HB-IP-2X6-RS 2X6-SEAL25

Туре	
Multi-lens	
Seal	

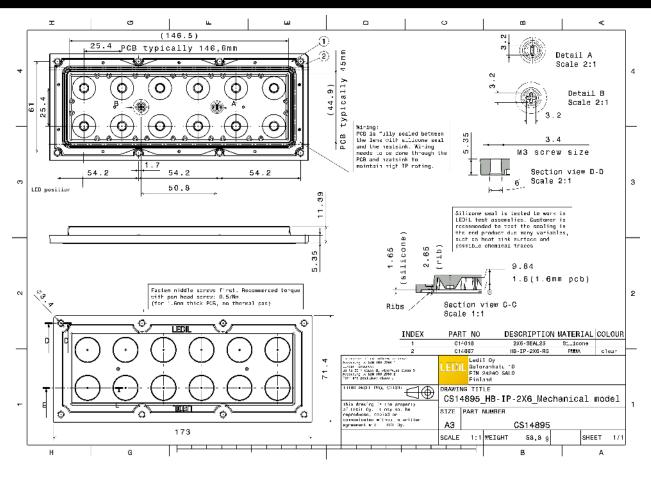
Material	Colour	Finish
PMMA	clear	
Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS14895_HB-IP-2X6-RS	Multi-lens	120	40	40	8.0
» Box size: 476 x 273 x 247 mm					

ox size: 4/6 x 2/3 x 24/ mm

PRODUCT DATASHEET CS14895_HB-IP-2X6-RS



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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	QUICK FLUX 2x6 LED XG xxx G7+ 16.0° / 33.0° 94 % 7.3 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	QUICK FLUX 2x6 LED XT xxx G5 13.0° / 26.0° 94 % 10.7 cd/lm 1 White ents:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XM-L 21.0° / 38.0° 94 % 5.1 cd/lm 1 White ents:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G2 13.0° / 27.0° 94 % 10.6 cd/lm 1 White ents:	



CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-L HD 20.0° / 37.0° 93 % 5.4 cd/lm 1 White tts:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XP-L2 22.0° / 43.0° 93 % 4.1 cd/lm 1 White tts:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XT-E HE 13.0° / 26.0° 94 % 11.2 cd/lm 1 White tts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON T 15.0° / 29.0° 94 % 8.8 cd/lm 1 White	



CONTRACT	EDS	a.v
LED	LUXEON V	
FWHM / FWTM	20.0° / 41.0°	
Efficiency	92 %	
Peak intensity	4.7 cd/lm	$\wedge \times / / \wedge \wedge \wedge \lambda$
LEDs/each optic	1	X / A
Light colour	White	
Required compone	nts:	
	FRG	
UMIL	EDS	с»ж
LED	LUXEON V2	
FWHM / FWTM	15.0° / 30.0°	
Efficiency	94 %	
Peak intensity	8.9 cd/lm	$\mathbb{N} \times \mathbb{N}$
LEDs/each optic	1	$X \neq A$
Light colour	White	
Required component	nts:	
	EDS	19 10 10
LED	LUXEON XR-TX (L2T0-xxxx012M0000)	
LED FWHM / FWTM	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0°	
LED FWHM / FWTM Efficiency	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130 12.0° / 22.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130 12.0° / 22.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component LED FWHM / FWTM Efficiency Peak intensity	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130 12.0° / 22.0° 94 % 15.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130 12.0° / 22.0° 94 % 15.6 cd/lm 1 Deep Red	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130 12.0° / 22.0° 94 % 15.6 cd/lm 1 Deep Red	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130 12.0° / 22.0° 94 % 15.6 cd/lm 1 Deep Red	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON XR-TX (L2T0-xxxx012M0000) 14.0° / 27.0° 92 % 10.1 cd/lm 1 White hts: SST-10-B130 12.0° / 22.0° 94 % 15.6 cd/lm 1 Deep Red	



MST Your solu	tions	1.7
LED	RecLED 146x45mm 2900lm 730 2x6 IP G1	
FWHM / FWTM	14.0° / 27.0°	
Efficiency	95 %	
Peak intensity	10.3 cd/lm	
LEDs/each optic	1	
Light colour	White	12 A
Required compone	ents:	
		1 11 14 14 14 14 14 14 14 14 14 14 14 14
		······································
LED	NVSW219D	21
FWHM / FWTM	16.0° / 30.0°	$\wedge \wedge \wedge$
Efficiency	94 %	17 No.
Peak intensity	8.1 cd/lm	
LEDs/each optic	1	\times / / \square \land \times
Light colour	White	
Required compone	ents:	
		\land \land \land \land \land
ØNICHI/	N	
LED	NVSW219F	
FWHM / FWTM	16.0° / 31.0°	1 Alexandre and a second se
Efficiency	8 %	
Peak intensity	94 cd/lm	
LEDs/each optic	1	
Light colour	White	1 / - and / M
Required compone	ents:	$\times / \land \times$
		V THAT V
ØNICHI/		
LED	NVSW319B	
FWHM / FWTM	18.0° / 34.0°	
Efficiency	94 %	
Peak intensity	6.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		\times / \times /
		1



ØNICHI/	1		8.7 V.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A 19.0° / 36.0° 92 % 5.7 cd/lm 1 White		
EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW519A 20.0° / 37.0° 95 % 5.6 cd/lm 1 White		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxE21A 13.0° / 33.0° 94 % 8 cd/lm 1 White		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C 16.0° / 32.0° 92 % 7.2 cd/lm 1 White		



OSRAM Opto Semiconductors		τ.··
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	13.0° / 24.0°	
Efficiency	94 %	
Peak intensity	12 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
PHILIP	PS	a.r
LED	Fortimo FastFlex LED 2x6 DP G4	
FWHM / FWTM	13.0° / 27.0°	
Efficiency	94 %	er faite
Peak intensity	10.6 cd/lm	
LEDs/each optic	1	
Light colour	White	e / the second sec
Required compone	ents:	
		x v X V X
PHILIP	20	1.7
LED	Fortimo FastFlex LED 2x6 DP G5	
LED		
		m 2 1 2 m
FWHM / FWTM	14.0° / 26.0°	
Efficiency	14.0° / 26.0° 96 %	
Efficiency Peak intensity	14.0° / 26.0° 96 % 10.4 cd/lm	
Efficiency Peak intensity LEDs/each optic	14.0° / 26.0° 96 % 10.4 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 26.0° 96 % 10.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic	14.0° / 26.0° 96 % 10.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 26.0° 96 % 10.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 26.0° 96 % 10.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	14.0° / 26.0° 96 % 10.4 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	14.0° / 26.0° 96 % 10.4 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	14.0° / 26.0° 96 % 10.4 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	14.0° / 26.0° 96 % 10.4 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM	14.0° / 26.0° 96 % 10.4 cd/lm 1 White ents: UNG HiLOM RH12 (LH351C) 17.0° / 31.0°	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM Efficiency	14.0° / 26.0° 96 % 10.4 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM	14.0° / 26.0° 96 % 10.4 cd/lm 1 White ents: UNG HiLOM RH12 (LH351C) 17.0° / 31.0° 94 %	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity	14.0° / 26.0° 96 % 10.4 cd/lm 1 White white white MILOM RH12 (LH351C) 17.0° / 31.0° 94 % 7.4 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	14.0° / 26.0° 96 % 10.4 cd/lm 1 White Photo: UNG HiLOM RH12 (LH351C) 17.0° / 31.0° 94 % 7.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 26.0° 96 % 10.4 cd/lm 1 White Photo: UNG HiLOM RH12 (LH351C) 17.0° / 31.0° 94 % 7.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 26.0° 96 % 10.4 cd/lm 1 White Photo: UNG HiLOM RH12 (LH351C) 17.0° / 31.0° 94 % 7.4 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	14.0° / 26.0° 96 % 10.4 cd/lm 1 White Photo: UNG HiLOM RH12 (LH351C) 17.0° / 31.0° 94 % 7.4 cd/lm 1 White	



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SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	BALAM-VP-5250-750-36 22.0° / 50.0° 95 % 3.6 cd/lm 1 White	
SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	BALAMEC-VE-5700-740-36 23.0° / 50.0° 96 % 3.5 cd/lm 1 White	
SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S22C4XTEHE (XT-E HE) 13.0° / 26.0° 94 % 11.2 cd/lm 1 White	
SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XLE-S26XHP35 (XHP35 HD) 24.0° / 45.0° 94 % 3.8 cd/lm 1 White	



stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	2x6 5050 module - SMJD-3625012F-XX 24.0° / 53.0° 94 % 3 cd/lm 1 White nts:	
stout sterconoucron LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SMJQ-D36W12Mx 15.0° / 39.0° 89 % 5.1 cd/lm 1 White nts:	
stous stanconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SMJQ-D36W12Px 16.0° / 36.0° 93 % 6.3 cd/lm 1 White nts:	
STOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M1/Z5M2 14.0° / 26.0° 94 % 10 cd/lm 1 White nts:	



stout SHINCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M3 16.0° / 33.0° 95 % 7.3 cd/lm 1 White mts:	
stool EMACONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y22 15.0° / 39.0° 89 % 5.1 cd/lm 1 White ints:	
stool SEMECONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y22P 17.0° / 34.0° 92 % 6.6 cd/lm 1 White ints:	
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RLE 2x6 3000lm HP EXC2 OTD 13.0° / 25.0° 94 % 11.6 cd/lm 1 White	



		a.v
LED	J Series 5050 Round LES	
FWHM / FWTM	25.0° / 51.0°	XINAKXX
Efficiency	94 %	
Peak intensity	3.4 cd/lm	
LEDs/each optic	1	X / (A) X X
Light colour	White	
Required components:		
		\times / / \times
LED	J Series 5050B 6V K Class	
		# A A A A
FWHM / FWTM	24.0° / 52.0°	
Efficiency	94 % 3.2 cd/lm	
Peak intensity		
LEDs/each optic	1	
Light colour	White	
Required components:		
CREE ≑		
LED	ХВ-Н	
LED FWHM / FWTM	12.0° / 28.0°	
LED FWHM / FWTM Efficiency	12.0° / 28.0° 92 %	
LED FWHM / FWTM Efficiency Peak intensity	12.0° / 28.0° 92 % 10.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	12.0° / 28.0° 92 % 10.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	12.0° / 28.0° 92 % 10.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 28.0° 92 % 10.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 28.0° 92 % 10.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	12.0° / 28.0° 92 % 10.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LEDs LED FWHM / FWTM	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 % 3.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 % 3.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 % 3.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 % 3.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 % 3.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 % 3.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	12.0° / 28.0° 92 % 10.6 cd/lm 1 White XHP35 HD 22.0° / 46.0° 93 % 3.8 cd/lm 1	



		6.7
LED	XHP35 HI	
FWHM / FWTM	16.0° / 32.0°	m / / .
	93 %	
Efficiency	93 % 8.1 cd/lm	5° / 100 / 100
Peak intensity		
LEDs/each optic	1	
Light colour	White	
Required components:		
		\times / \downarrow / \times
LED	XHP35.2 HD	
FWHM / FWTM	26.0° / 48.0°	
Efficiency	92 %	X//
Peak intensity	3.3 cd/lm	
LEDs/each optic	1	N ALKN
Light colour	White	
Required components:		
		$\times \times$
	XP-E2	
LED	XP-E2 11.0° / 26.0°	
LED FWHM / FWTM	XP-E2 11.0° / 26.0° 91 %	
LED FWHM / FWTM Efficiency	11.0° / 26.0° 91 %	
LED FWHM / FWTM Efficiency Peak intensity	11.0° / 26.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	11.0° / 26.0° 91 % 14.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 91 % 14.1 cd/lm	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	11.0° / 26.0° 91 % 14.1 cd/lm 1	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 91 % 14.1 cd/lm 1	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 91 % 14.1 cd/lm 1	17
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	11.0° / 26.0° 91 % 14.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	11.0° / 26.0° 91 % 14.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	11.0° / 26.0° 91 % 14.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	11.0° / 26.0° 91 % 14.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	11.0° / 26.0° 91 % 14.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	11.0° / 26.0° 91 % 14.1 cd/lm 1 White XP-G2 HE 17.0° / 35.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency	11.0° / 26.0° 91 % 14.1 cd/lm 1 White XP-G2 HE 17.0° / 35.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity	11.0° / 26.0° 91 % 14.1 cd/lm 1 White XP-G2 HE 17.0° / 35.0° 93 % 6.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	11.0° / 26.0° 91 % 14.1 cd/lm 1 White XP-G2 HE 17.0° / 35.0° 93 % 6.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 91 % 14.1 cd/lm 1 White XP-G2 HE 17.0° / 35.0° 93 % 6.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 91 % 14.1 cd/lm 1 White XP-G2 HE 17.0° / 35.0° 93 % 6.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 91 % 14.1 cd/lm 1 White XP-G2 HE 17.0° / 35.0° 93 % 6.9 cd/lm 1	



LED	XQ-E HD	
FWHM / FWTM	8.0° / 19.0°	
Efficiency	92 %	er / / / w
Peak intensity	21.8 cd/lm	$1 \times 7 / 1 \times 1$
LEDs/each optic	1	
Light colour	White	4° /
Required components:		
	25	
		···
LED	LUXEON 5050 Round LES	
FWHM / FWTM	23.0° / 50.0°	$\Box \times \Delta P \times \nabla$
Efficiency	91 %	
Peak intensity	3.7 cd/lm	
LEDs/each optic	1	
Light colour	White	4°
Required components:		
	05	1 11 11 11 11 11 11 11 11 11 11 11 11 1
LED	LUXEON 5050 Square LES	nt A An
FWHM / FWTM	25.0° / 52.0°	X A-KX
Efficiency	94 %	
Peak intensity	3.2 cd/lm	
LEDs/each optic	1	12 / 1 - 12 - 12 - 12 - 12 - 12 - 12 - 1
Light colour	White	
Required components:		
		× × ×
	DS	ал — — — — — — — — — — — — — — — — — — —
LED	LUXEON C	
FWHM / FWTM	10.0° / 23.0°	
Efficiency	91 %	
Peak intensity	17.3 cd/lm	
LEDs/each optic	1	$\nabla Z = D = \Delta \nabla Z$
Light colour	r Cyan	4.5
Required components:	Oyan	X X
1		



ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4WB35AM 22.0° / 40.0° 94 % 4.8 cd/lm 1 White	
OSRAM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	PrevaLED Brick HP IP 2x6 14.0° / 28.0° 92 % 10.1 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ C 2424 11.0° / 22.0° 93 % 16.6 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3030 9.0° / 20.0° 94 % 21.8 cd/lm 1 White	



Cost Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 (2W version) 12.0° / 25.0° 89 % 13 cd/lm 1 White	
OSRAM Opto Semiconductors		
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 (3W version) 19.0° / 37.0° 93 % 6.1 cd/lm 1 White	
OSRAM Opto Semiconductors		
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 Flat 14.0° / 30.0° 94 % 9.7 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square CSSRM2/CSSRM3 10.0° / 20.0° 92 % 20.2 cd/lm 1 Far Red	



слисии		
SAMSUN	16	a
LED	LH181B	
FWHM / FWTM	13.0° / 28.0°	$\Delta \Lambda \Delta T$
Efficiency	93 %	e
Peak intensity	10.8 cd/lm	
LEDs/each optic	1	
Light colour	White	* / /- <mark>*</mark> / / *
Required components:		
SAMSUN	IG	5. A
LED	LH231B	
FWHM / FWTM	16.0° / 32.0°	
Efficiency	93 %	
Peak intensity	8.6 cd/lm	
LEDs/each optic	1	\sim / / / \sim \sim
Light colour	White	
Required components:		A and A
		\times / \vee \times
		1 22 <u>R</u> 10
SAMSUN	IG	1.1
LED	LH351D	
FWHM / FWTM	22.0° / 40.0°	
Efficiency	93 %	· · · · · · · · · · · · · · · · · · ·
Peak intensity	4.6 cd/lm	
LEDs/each optic	1	\times / / \times \times
Light colour	White	yr >∠ / <mark>.</mark>
Required components:		
		$\langle () \rangle$
SEGUL SEMICONDUCTOR		
secul semiconductor	Z5M4	
seoul semiconductor LED FWHM / FWTM	16.0° / 34.0°	
seoul semiconductor LED FWHM / FWTM Efficiency	16.0° / 34.0° 93 %	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	16.0° / 34.0° 93 % 7.7 cd/lm	
scoul semiconolicror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	16.0° / 34.0° 93 % 7.7 cd/lm 1	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 34.0° 93 % 7.7 cd/lm	
scoul semiconolicror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	16.0° / 34.0° 93 % 7.7 cd/lm 1	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 34.0° 93 % 7.7 cd/lm 1	
stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	16.0° / 34.0° 93 % 7.7 cd/lm 1	



LED	Z8Y22T	
FWHM / FWTM	15.0° / 33.0°	s and a second sec
Efficiency	93 %	$X \times / $
Peak intensity	7.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component	S:	
		per and the second seco



PRODUCT DATASHEET CS14895_HB-IP-2X6-RS

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:

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LEDiL Oy

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