

HB-IP-2X6-W

~60° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions 173 + 71.4 mm

Height 11.4 mm
Fastening pin, screw

Colour clear

Box size 476 x 273 x 247 mm

Box weight 8.4 kg

Quantity in Box 120 pcs

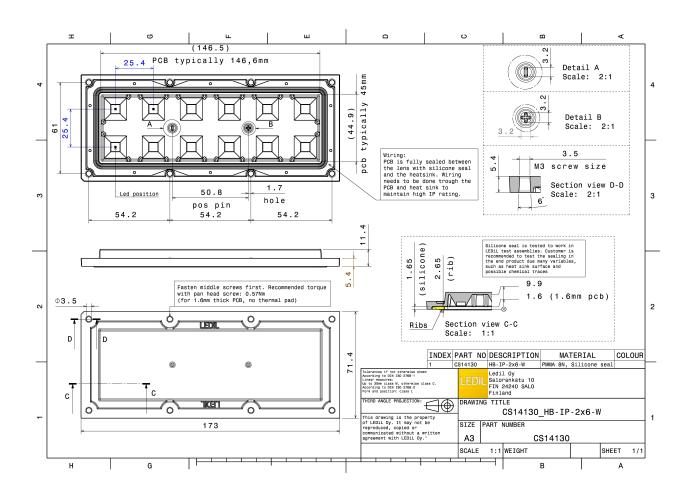
ROHS compliant yes 1



MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour
HB-IP-2X6-W	Lens	PMMA	clear
2X6-SEAL25	Seal	Silicone	white







PHOTOMETRIC DATA (MEASURED):

CREE \$

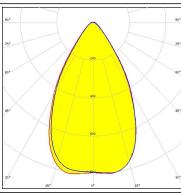
LED XM-L2

FWHM 61.0°

Efficiency 94 %

Peak intensity 0.800 cd/lm

Required components:



CREE ÷

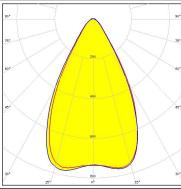
LED XP-G

FWHM 60.0°

Efficiency 94 %

Peak intensity 0.840 cd/lm

Required components:



CREE \$

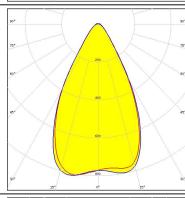
LED XP-G2

FWHM 58.0°

Efficiency 93 %

Peak intensity 0.870 cd/lm

Required components:



CREE 💠

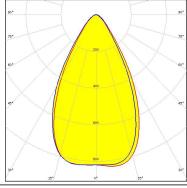
LED XP-G3

FWHM 59.0°

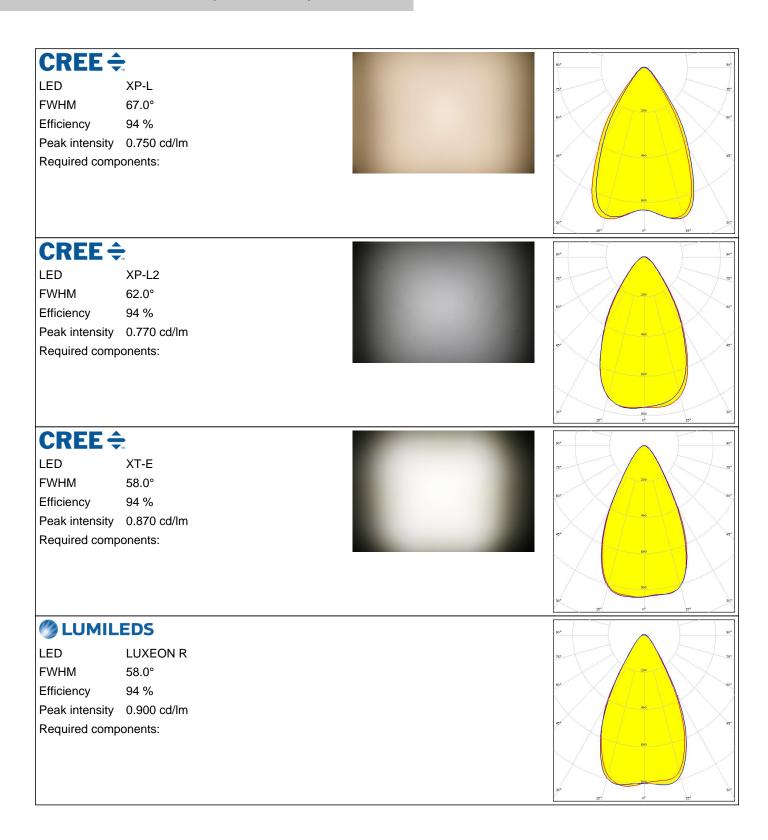
Efficiency 94 %

Peak intensity 0.840 cd/lm

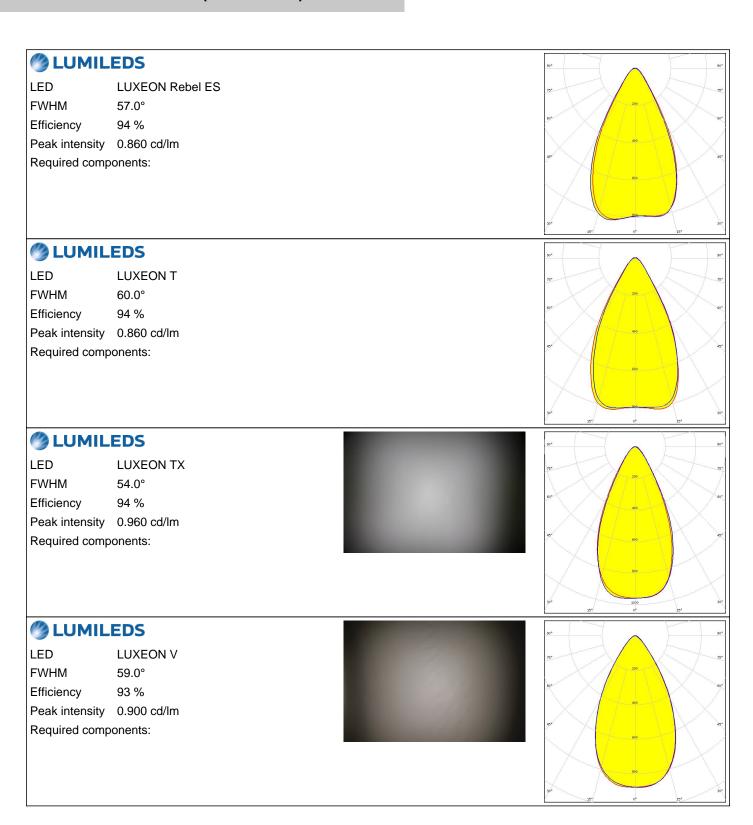




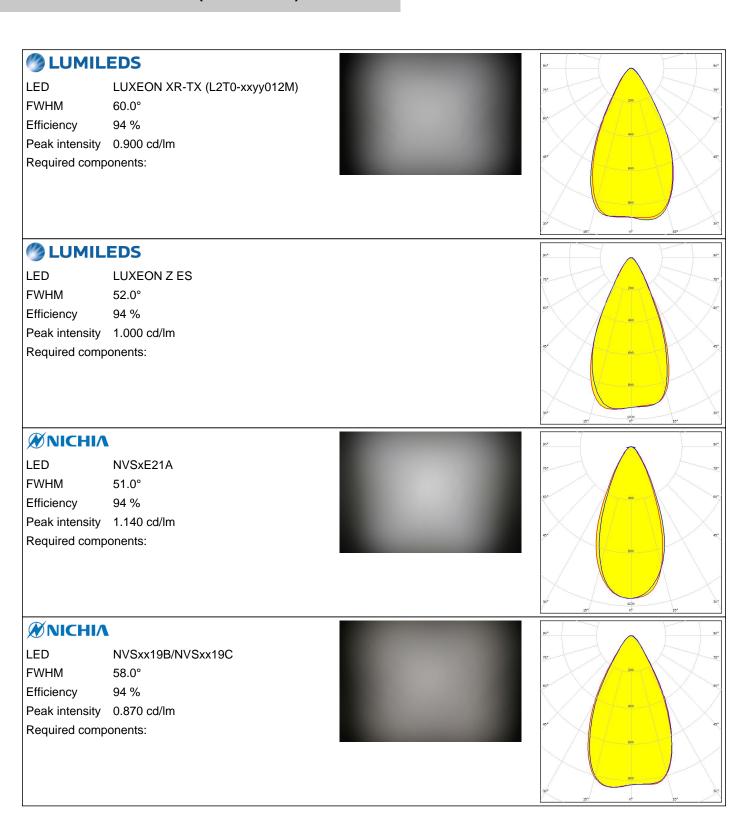












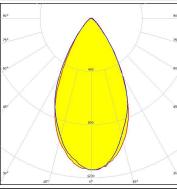


PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED Duris S8
FWHM 54.0°
Efficiency 94 %
Peak intensity 1.000 cd/lm
Required components:

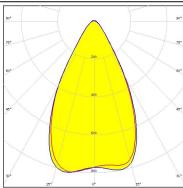




PHILIPS

LED Fortimo FastFlex LED board 2x6 DP G4

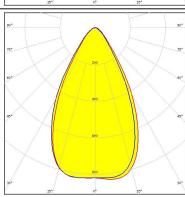
FWHM 58.0°
Efficiency 93 %
Peak intensity 0.870 cd/lm
Required components:



PHILIPS

LED Fortimo FastFlex LED board 2x6 DPX G4

FWHM 59.0°
Efficiency 94 %
Peak intensity 0.840 cd/lm
Required components:

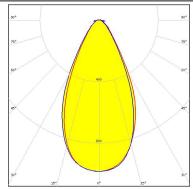




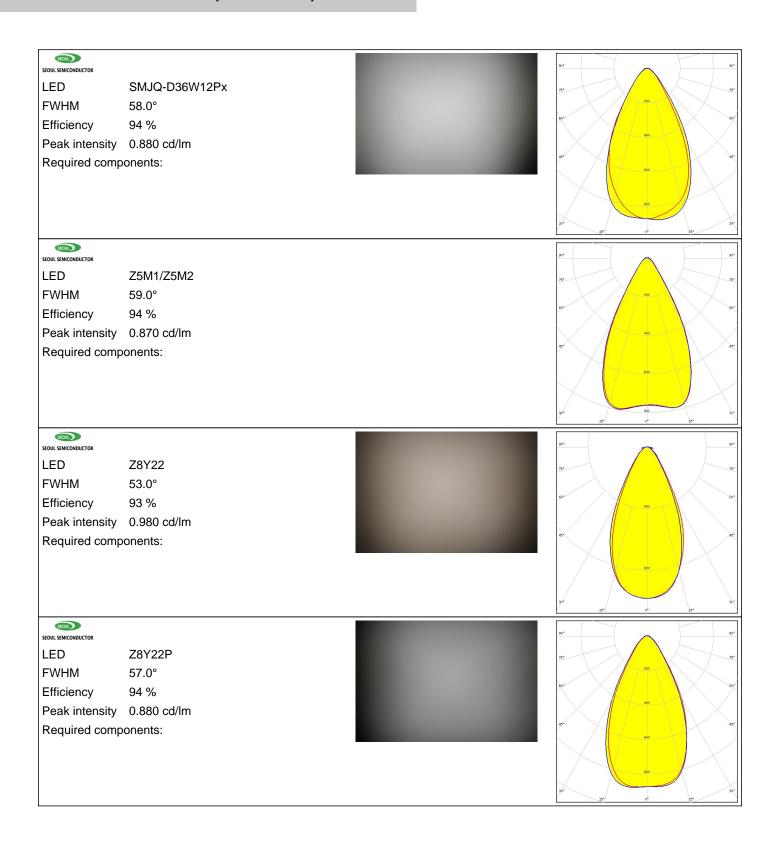
LED SMJQ-D36W12Mx

FWHM 53.0°
Efficiency 93 %
Peak intensity 0.980 cd/lm
Required components:











PHOTOMETRIC DATA (MEASURED):

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TL1L4

FWHM

LED

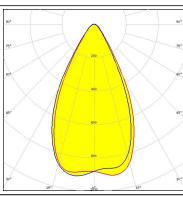
56.0°

Efficiency

94 %

Peak intensity 0.950 cd/lm

Required components:



TRIDONIC

LED

RLE G2 HP 2x6 3000lm

FWHM

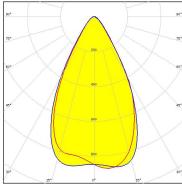
57.0°

Efficiency

94 %

Peak intensity 0.910 cd/lm







PHOTOMETRIC DATA (SIMULATED):

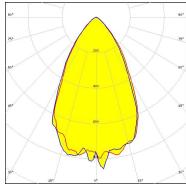
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U	$\mathbf{\Gamma}$	드	드	TM

LED MHB-A/B

FWHM 60.0° Efficiency 91 %

Peak intensity 0.860 cd/lm

Required components:



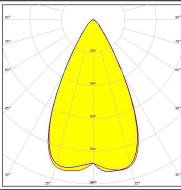
CREE ÷

LED XB-D

FWHM 52.0° Efficiency 90 %

Peak intensity 0.980 cd/lm

Required components:



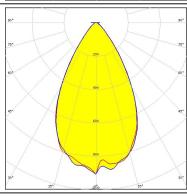
CREE 💠

LED XHP35 HD

FWHM 60.0° Efficiency 94 %

Peak intensity 0.930 cd/lm

Required components:

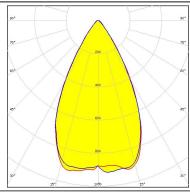


CREE 💠

LED XHP35 HI

FWHM 57.0° Efficiency 94 %

Peak intensity 0.980 cd/lm





PHOTOMETRIC DATA (SIMULATED):

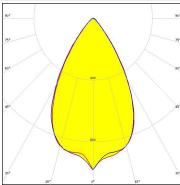
CREE 💠

LED XM-L

FWHM 57.0° Efficiency 93 %

Peak intensity 0.980 cd/lm

Required components:



CREE 🕏

LED XP-E2

FWHM 56.0°

Efficiency 94 %

Peak intensity cd/lm Required components:

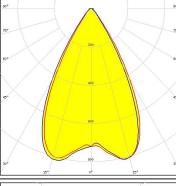
LG Innotek

LED H35C1 (LEMWA33)

FWHM 59.0° Efficiency 94 % Peak intensity 0.960 cd/lm

Required components:



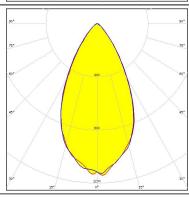


DESCRIPTION LUMILEDS

LED LUXEON 5050

FWHM 54.0° Efficiency 95 %

Peak intensity 1.100 cd/lm



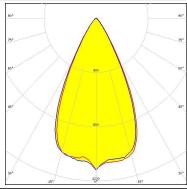
PHOTOMETRIC DATA (SIMULATED):

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LED LUXEON Rebel

FWHM 50.0° Efficiency 93 % Peak intensity 1.120 cd/lm

Required components:



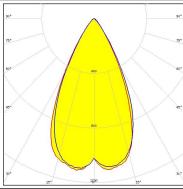
WNICHIA

LED NF2x757A

FWHM 50.0° Efficiency 93 %

Peak intensity 1.120 cd/lm

Required components:

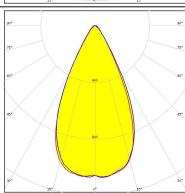


OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

FWHM 57.0°
Efficiency 94 %
Peak intensity 1.100 cd/lm

Required components:

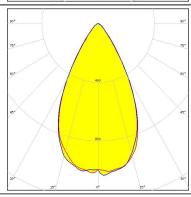


OSRAM Opto Semiconductors

LED

OSCONIQ P 3737 (3W version)

FWHM 56.0° Efficiency 94 % Peak intensity 1.060 cd/lm





PHOTOMETRIC DATA (SIMULATED):

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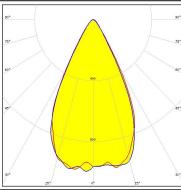
LED Oslon Square EC

FWHM 56.0° Efficiency 93 % Peak intensity cd/lm Required components:

OSRAM Opto Semicondust

LED Oslon Square Gen3

FWHM 56.0°
Efficiency 94 %
Peak intensity cd/lm
Required components:



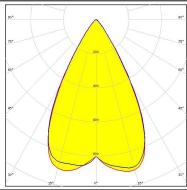
OSRAM Opto Semiconductors

LED

Oslon Square PC

FWHM 56.0°
Efficiency 93 %
Peak intensity 0.980 cd/lm

Required components:

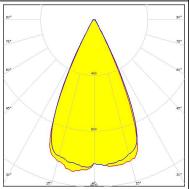


OSRAM Opto Semiconductors

LED

Oslon SSL 80

FWHM 52.0°
Efficiency 94 %
Peak intensity 1.200 cd/lm





PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

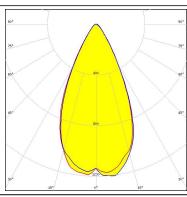
LED LH181B

54.0° **FWHM**

Efficiency 94 %

Peak intensity 1.200 cd/lm

Required components:



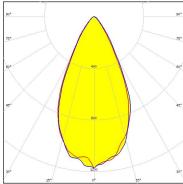


LED Acrich MJT 4040

FWHM 52.0° Efficiency 93 %

1.200 cd/lm Peak intensity

Required components:





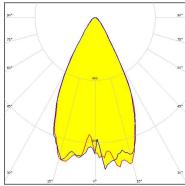
LED Z5M

FWHM 50.0°

Efficiency 94 %

Peak intensity 1.000 cd/lm

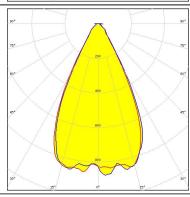
Required components:



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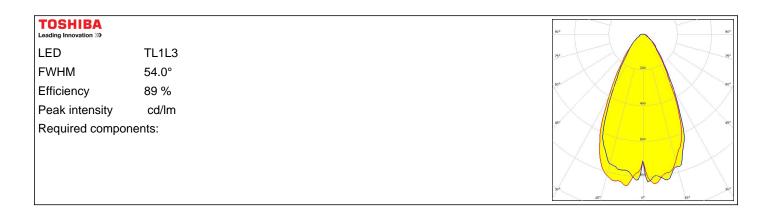
LED TL1L2 **FWHM** 55.0° Efficiency 94 %

Peak intensity 0.980 cd/lm





PHOTOMETRIC DATA (SIMULATED):





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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