Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

EVA-W

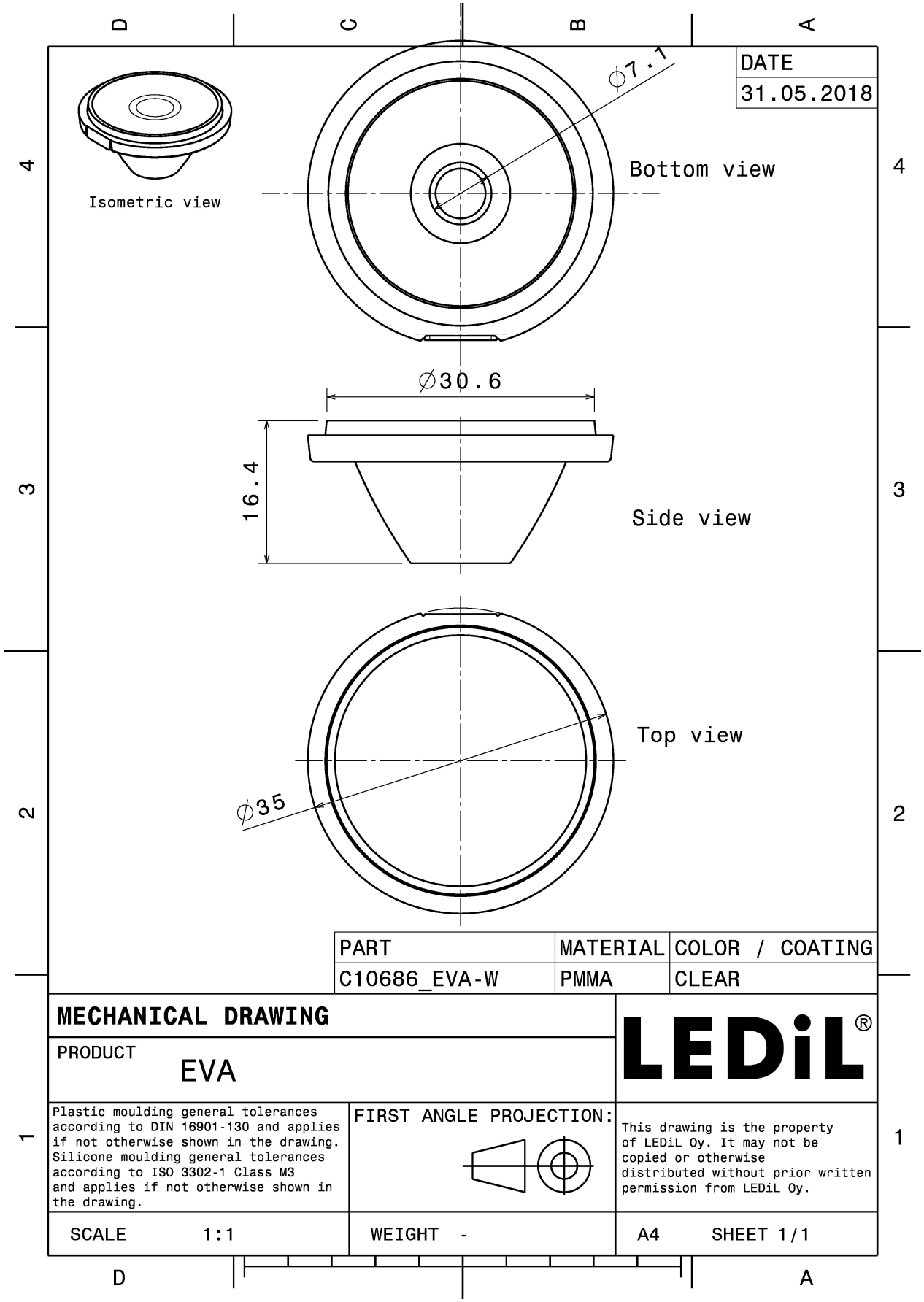
~40° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35 mm
Height	16.4 mm
Fastening	glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.5 kg
Quantity in Box	540 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
EVA-W	Lens	PMMA	clear



PART	MATERIAL	COLOR / COATING
C10686_EVA-W	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT
EVA

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

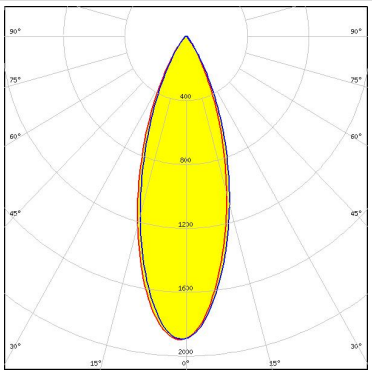
FIRST ANGLE PROJECTION:

SCALE 1:1 | WEIGHT - | A4 SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED	CLU LES 4.2mm (HI-Ver.3)
FWHM	35.0°
Efficiency	86 %
Peak intensity	1.900 cd/lm
Required components:	

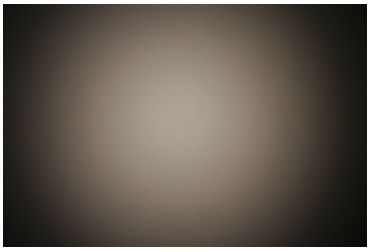


CREE

LED	MC-E
FWHM	36.0°
Efficiency	91 %
Peak intensity	1.000 cd/lm
Required components:	

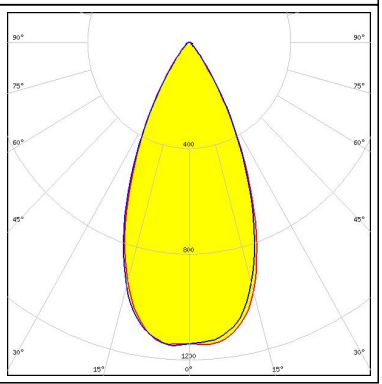
CREE

LED	MHB-A/B
FWHM	39.0°
Efficiency	78 %
Peak intensity	1.670 cd/lm
Required components:	



CREE

LED	MK-R
FWHM	48.0°
Efficiency	%
Peak intensity	1.150 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

CREE

LED	XHP35 HI
FWHM	57.0°
Efficiency	75 %
Peak intensity	0.810 cd/lm
Required components:	

CREE

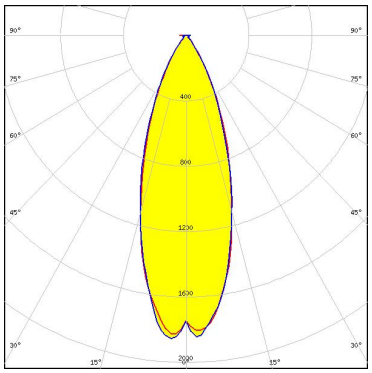
LED	XM-L
FWHM	40.0°
Efficiency	79 %
Peak intensity	cd/lm
Required components:	

CREE

LED	XP-G2
FWHM	32.0°
Efficiency	81 %
Peak intensity	2.200 cd/lm
Required components:	

CREE

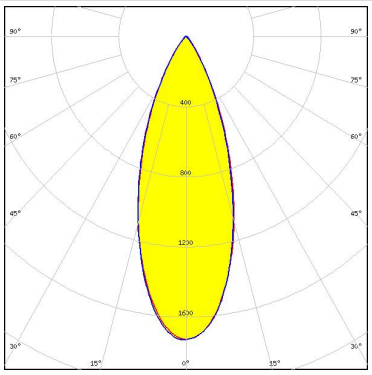
LED	XT-E
FWHM	32.0°
Efficiency	%
Peak intensity	1.800 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

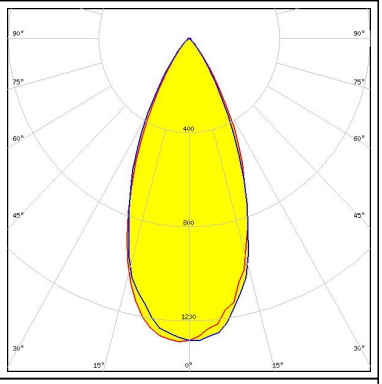
LUMILEDS

LED	LUXEON 5050
FWHM	37.0°
Efficiency	83 %
Peak intensity	1.700 cd/lm
Required components:	



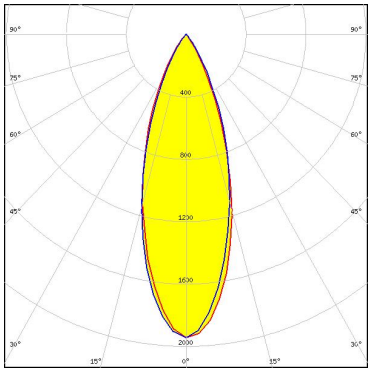
LUMILEDS

LED	LUXEON M/MX
FWHM	45.0°
Efficiency	80 %
Peak intensity	1.300 cd/lm
Required components:	



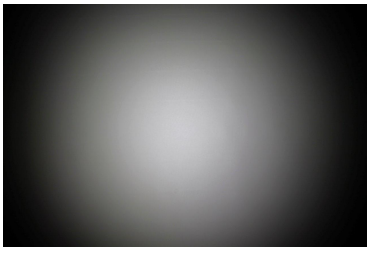
LUMILEDS

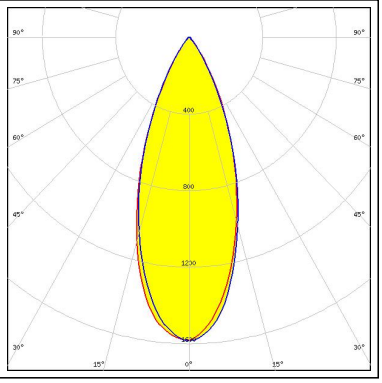
LED	LUXEON MZ
FWHM	36.0°
Efficiency	81 %
Peak intensity	1.900 cd/lm
Required components:	



NICHIA

LED	NS9x383
FWHM	39.0°
Efficiency	81 %
Peak intensity	1.600 cd/lm
Required components:	

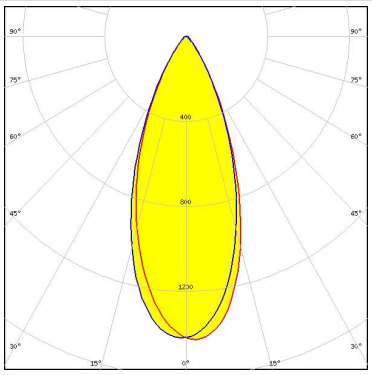




PHOTOMETRIC DATA (MEASURED):

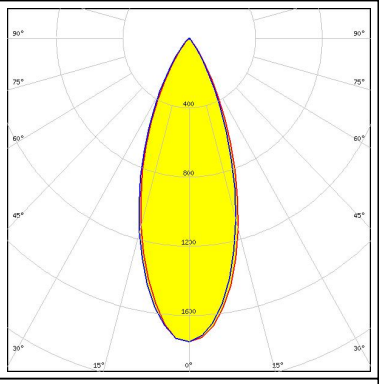
NICHIA

LED	NSMx286M
FWHM	41.0°
Efficiency	80 %
Peak intensity	1.430 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	39.0°
Efficiency	81 %
Peak intensity	1.800 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y15
FWHM	29.0°
Efficiency	80 %
Peak intensity	2.310 cd/lm
Required components:	

SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM	30.0°
Efficiency	81 %
Peak intensity	2.340 cd/lm
Required components:	

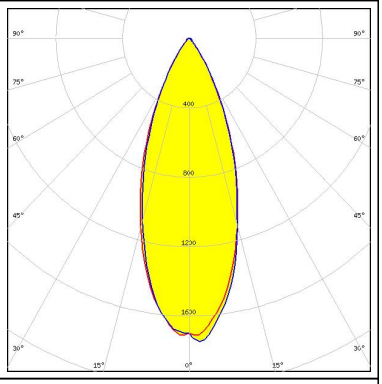
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XM-L HVW
FWHM	38.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

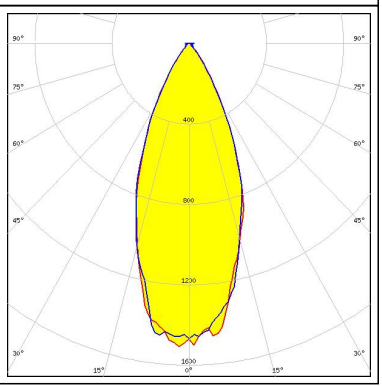
LUMILEDS

LED	LUXEON 5258
FWHM	34.0°
Efficiency	87 %
Peak intensity	1.900 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	41.0°
Efficiency	87 %
Peak intensity	1.600 cd/lm
Required components:	



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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