



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!



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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



GABRIELLA-45-S

~9° spot beam with holder

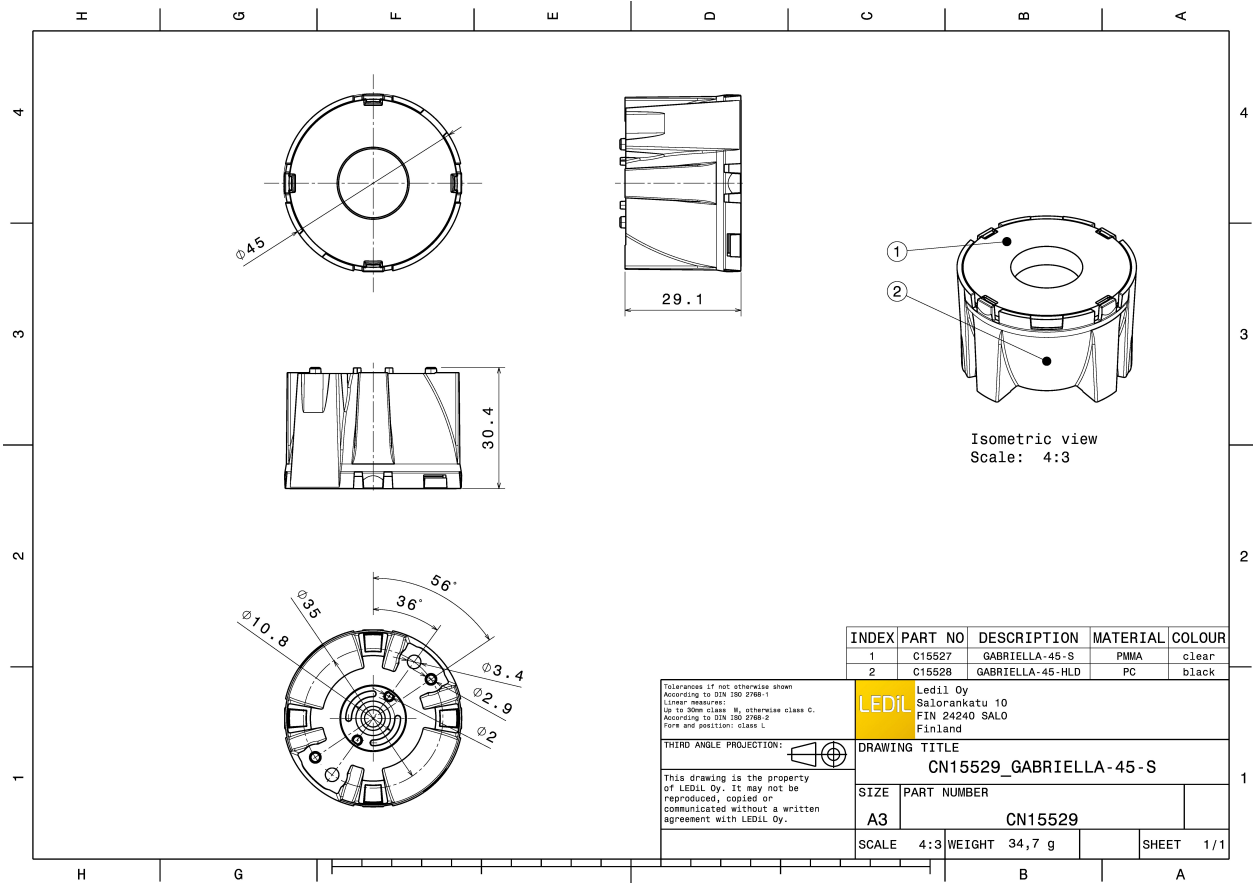
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	pin, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	405 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

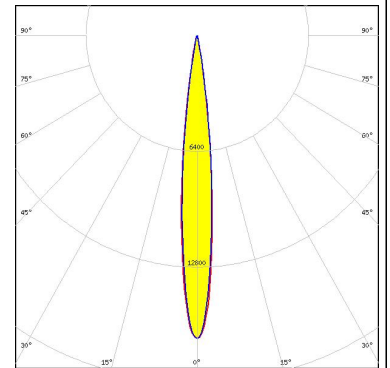
Component	Type	Material	Colour
GABRIELLA-45-S	Lens	PMMA	clear
GABRIELLA-45-HLD	Holder	PC	black



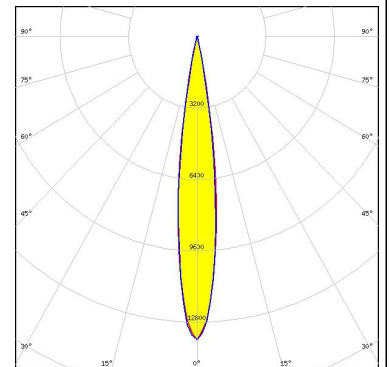
PHOTOMETRIC DATA (MEASURED):



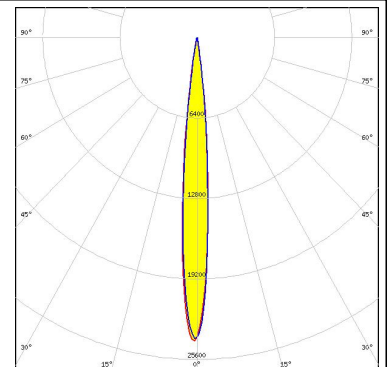
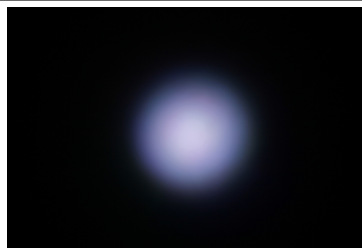
LED XM-L RGB
 FWHM 12.0°
 Efficiency 87 %
 Peak intensity 17.000 cd/lm
 Required components:



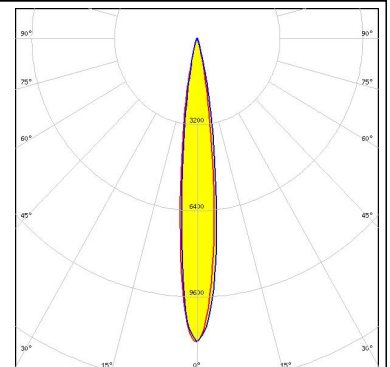
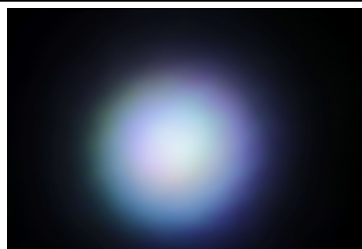
LED LUXEON CZ RGBW
 FWHM 14.0°
 Efficiency 88 %
 Peak intensity 11.400 cd/lm
 Required components:



LED SBM-40-RGBW
 FWHM 10.0°
 Efficiency 90 %
 Peak intensity 24.000 cd/lm
 Required components:



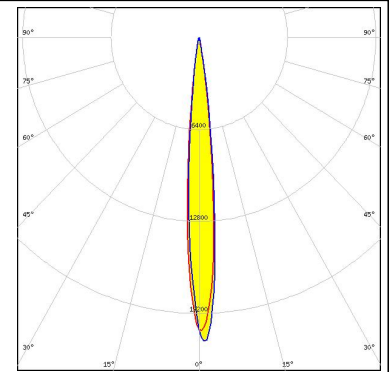
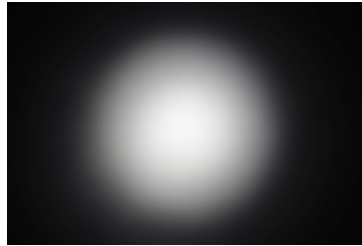
LED DMC E17A RGBW
 FWHM 13.0°
 Efficiency 91 %
 Peak intensity 11.000 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

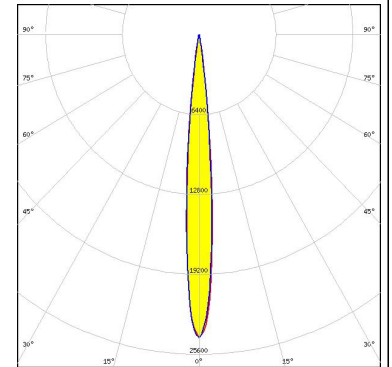
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 10.0°
Efficiency 88 %
Peak intensity 21.300 cd/lm
Required components:



OSRAM
Opto Semiconductors

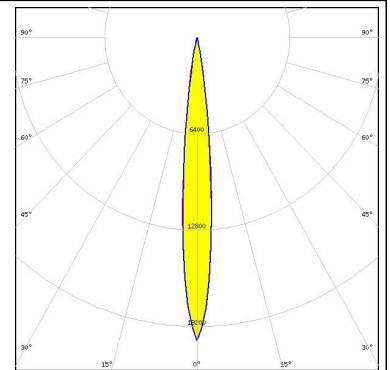
LED OSTAR Stage (S2WN)
FWHM 10.0°
Efficiency 87 %
Peak intensity 24.000 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

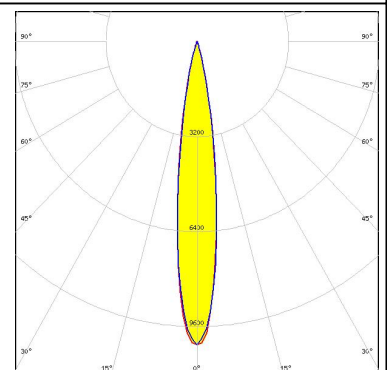
CITIZEN

LED PSL440
FWHM 11.0°
Efficiency 93 %
Peak intensity 20.200 cd/lm
Required components:



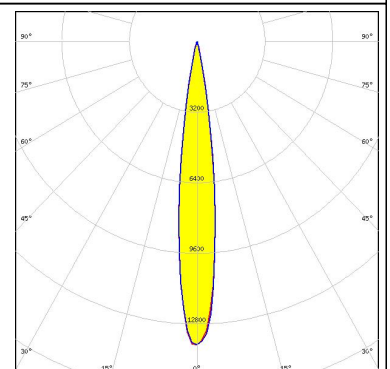
CITIZEN

LED PSL445
FWHM 15.0°
Efficiency 91 %
Peak intensity 10.211 cd/lm
Required components:



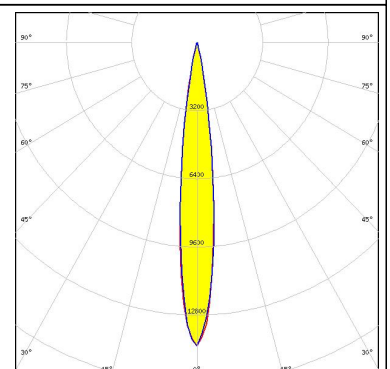
CREE

LED XHP50
FWHM 14.0°
Efficiency 92 %
Peak intensity 13.800 cd/lm
Required components:



CREE

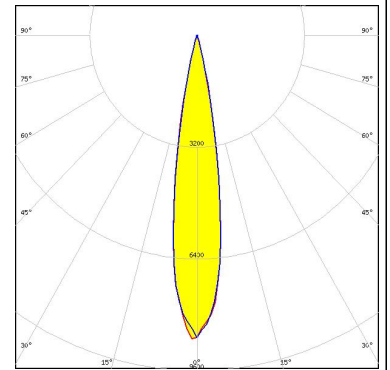
LED XHP50.2
FWHM 13.0°
Efficiency 91 %
Peak intensity 14.250 cd/lm
Required components:



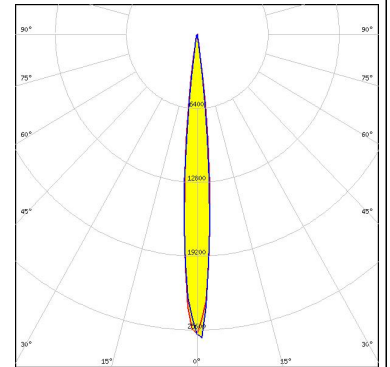
PHOTOMETRIC DATA (SIMULATED):



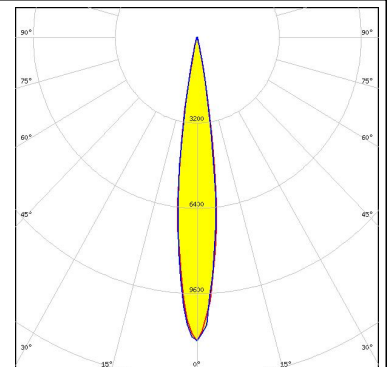
LED XHP70
 FWHM 18.0°
 Efficiency 90 %
 Peak intensity 8.900 cd/lm
 Required components:



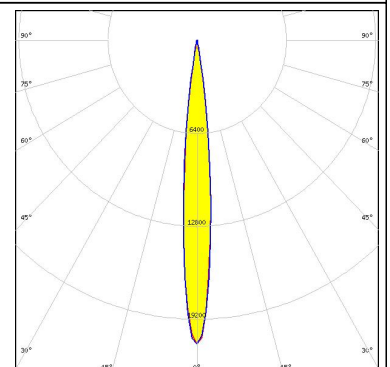
LED LZ4 RGBW Power (LZ4-04MDPB)
 FWHM 10.0°
 Efficiency 92 %
 Peak intensity 28.410 cd/lm
 Required components:



LED LUXEON C RGBW
 FWHM 15.0°
 Efficiency 85 %
 Peak intensity 13.555 cd/lm
 Required components:



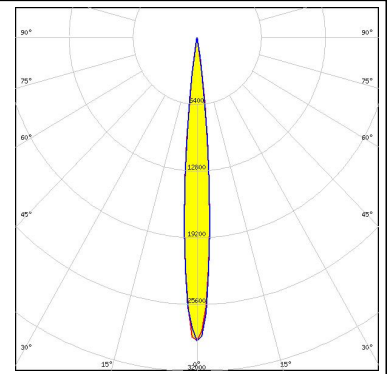
LED OSTAR Stage (S2WP)
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 22.794 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED Ostar-SMT RGB
FWHM 10.0°
Efficiency 92 %
Peak intensity 31.649 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.

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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