



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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## GABRIELLA-45-S

~9° spot beam with holder and installation tape

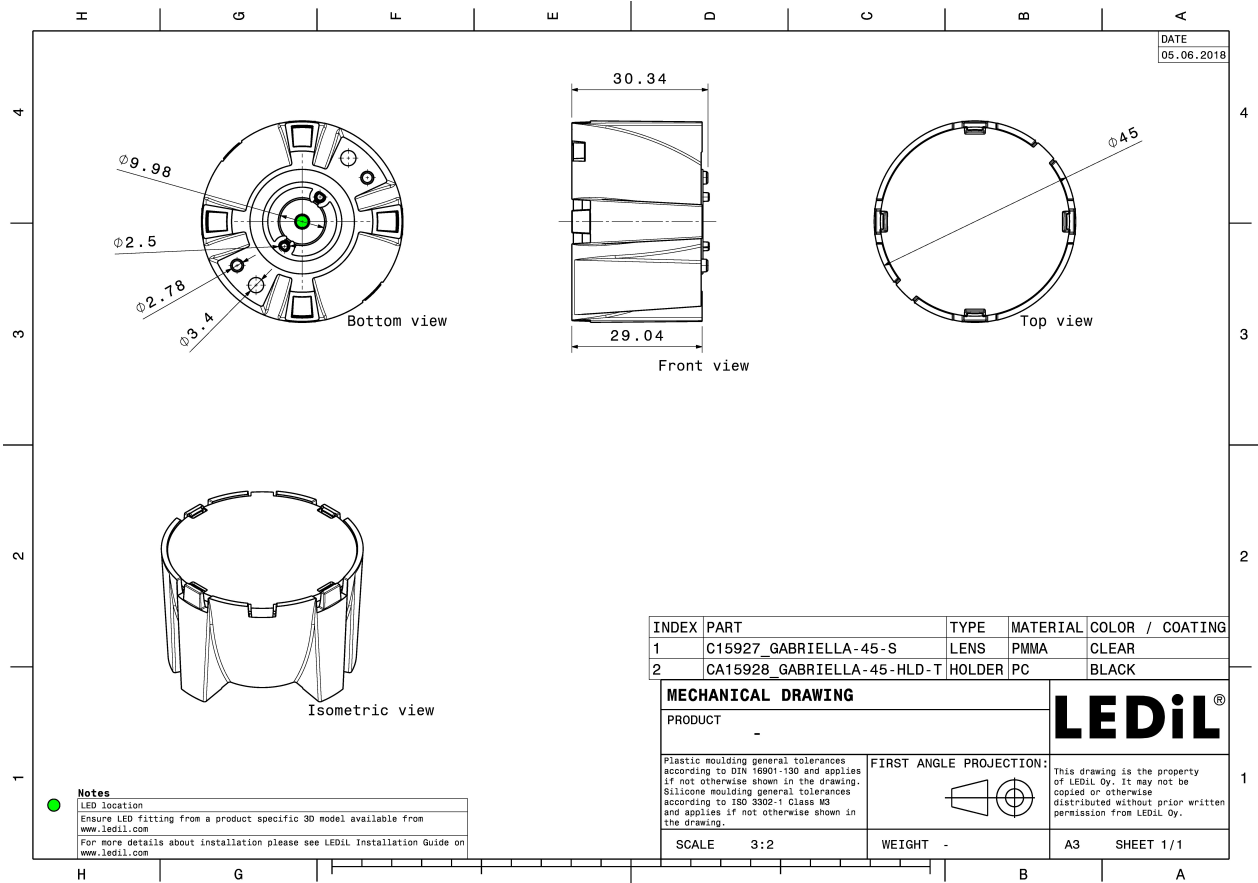
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45 mm
Height	29.1 mm
Fastening	tape, pin, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	405 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

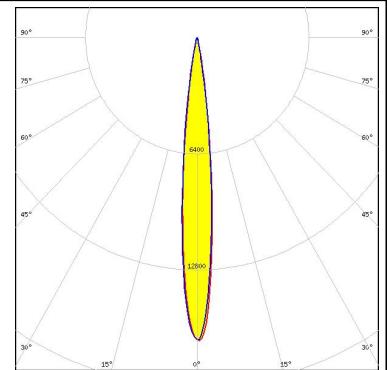
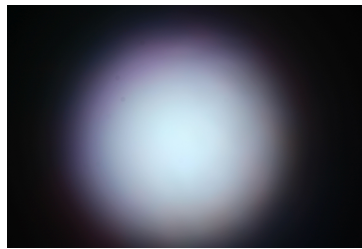
Component	Type	Material	Colour
GABRIELLA-45-S	Lens	PMMA	clear
GABRIELLA-45-HLD-T	Holder	PC	black



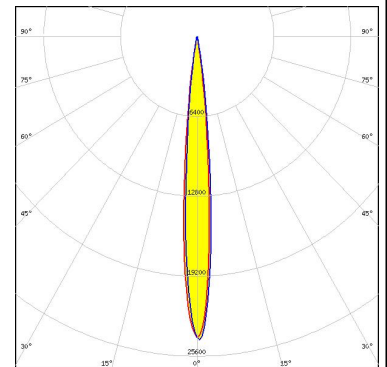
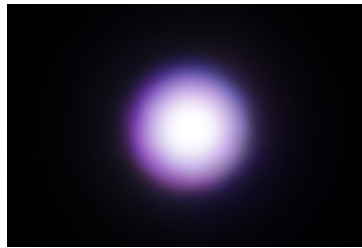
#### PHOTOMETRIC DATA (MEASURED):



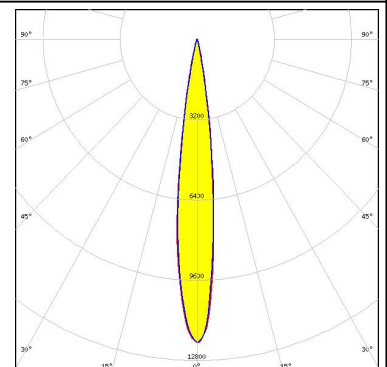
LED XQ-E HD RGBW  
 FWHM 11.0°  
 Efficiency 88 %  
 Peak intensity 16.800 cd/lm  
 Required components:



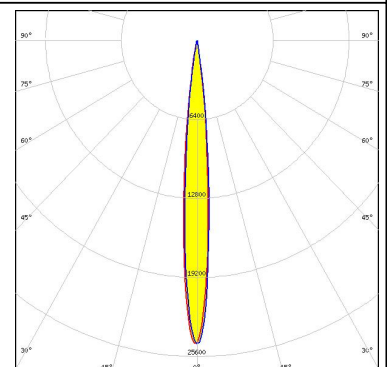
LED LZ4 RGBW Power (LZ4-04MDPB)  
 FWHM 10.0°  
 Efficiency 91 %  
 Peak intensity 24.300 cd/lm  
 Required components:



LED LUXEON CZ RGBW  
 FWHM 14.0°  
 Efficiency 89 %  
 Peak intensity 12.000 cd/lm  
 Required components:



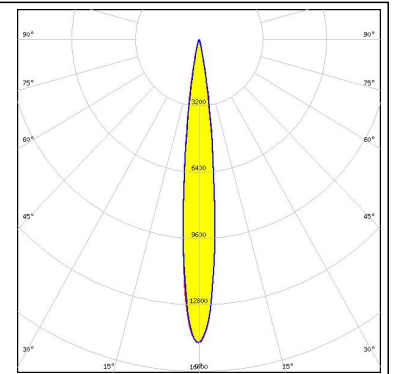
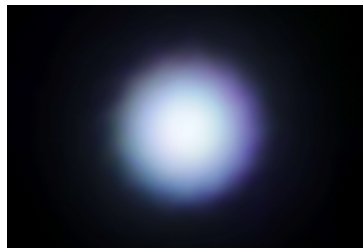
LED SBM-40-RGBW  
 FWHM 10.0°  
 Efficiency 89 %  
 Peak intensity 25.000 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):



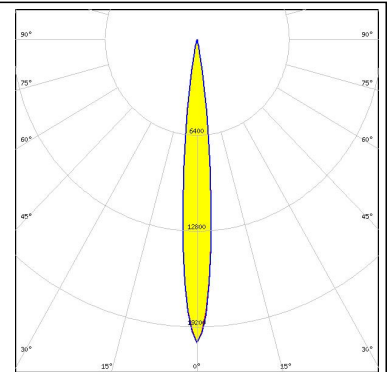
LED DMC E17A RGBW  
FWHM 12.0°  
Efficiency 90 %  
Peak intensity 15.000 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

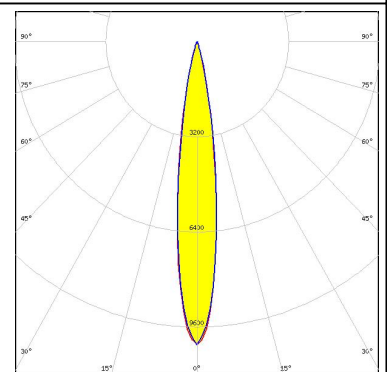
#### CITIZEN

LED PSL440  
 FWHM 11.0°  
 Efficiency 91 %  
 Peak intensity 20.300 cd/lm  
 Required components:



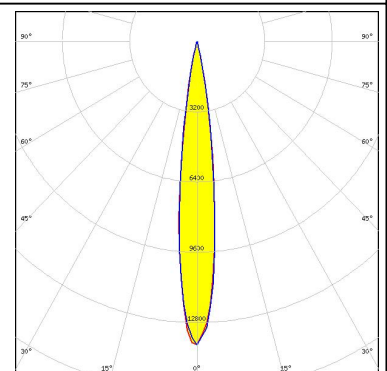
#### CITIZEN

LED PSL445  
 FWHM 15.0°  
 Efficiency 90 %  
 Peak intensity 10.200 cd/lm  
 Required components:



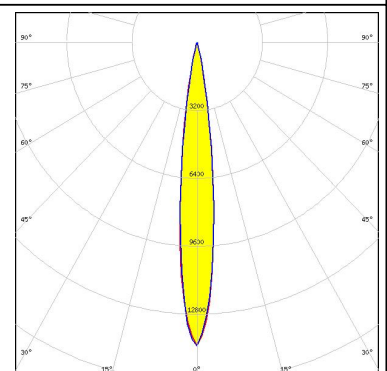
#### CREE

LED XHP50  
 FWHM 14.0°  
 Efficiency 89 %  
 Peak intensity 13.800 cd/lm  
 Required components:



#### CREE

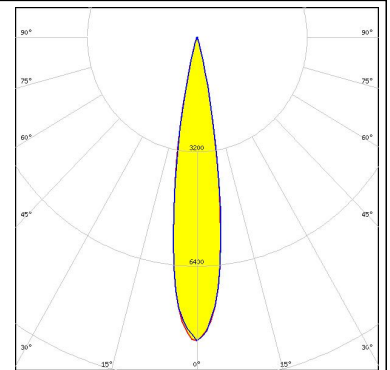
LED XHP50.2  
 FWHM 13.0°  
 Efficiency 91 %  
 Peak intensity 14.290 cd/lm  
 Required components:



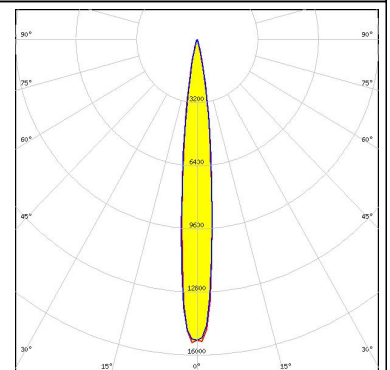
#### PHOTOMETRIC DATA (SIMULATED):



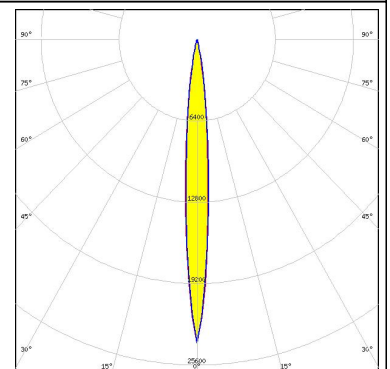
LED XHP70  
 FWHM 18.0°  
 Efficiency 87 %  
 Peak intensity 8.500 cd/lm  
 Required components:



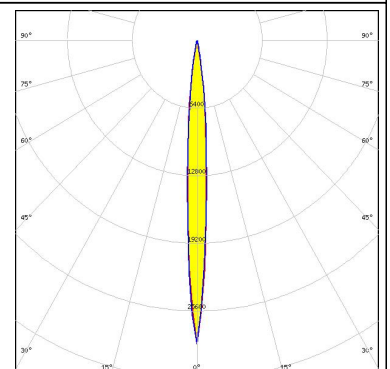
LED XM-L RGB  
 FWHM 12.0°  
 Efficiency 93 %  
 Peak intensity 15.444 cd/lm  
 Required components:



LED XP-L  
 FWHM 8.0°  
 Efficiency 92 %  
 Peak intensity 23.873 cd/lm  
 Required components:



LED OSTAR Stage (S2WP)  
 FWHM 8.0°  
 Efficiency 93 %  
 Peak intensity 28.717 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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