

GT4-S

~20° spot beam

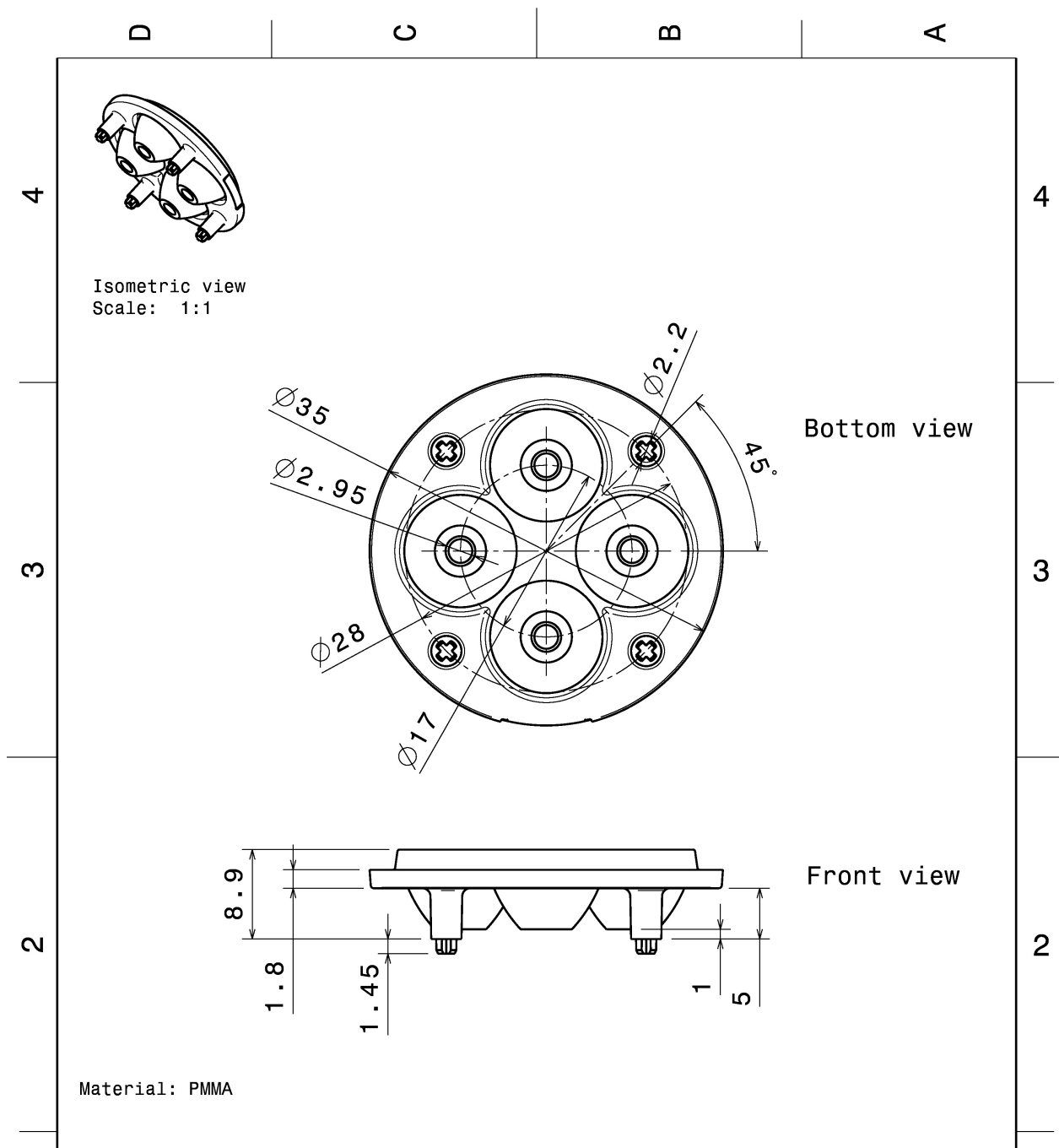
TECHNICAL SPECIFICATIONS:


Dimensions	Ø 35 mm
Height	9 mm
Fastening	pin, glue
Colour	clear
Box size	
Box weight	4.8 kg
Quantity in Box	864 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
GT4-S	Lens array	PMMA	clear

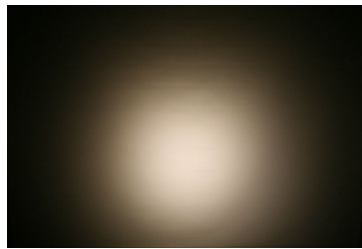


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DRAWN BY p	DATE 30.12.2009	Datasheet GT4-XP series Lens			
CHECKED BY s n	DATE 23.12.2009	SIZE A4	DRAWING NUMBER C10921		REV 1
DESIGNED BY hh	DATE 23.07.2009	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

PHOTOMETRIC DATA (MEASURED):

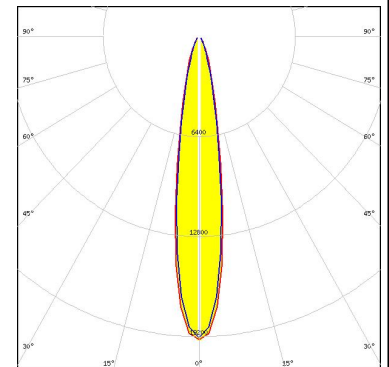
CREE

LED XB-D
FWHM 24.0°
Efficiency 87 %
Peak intensity 2.260 cd/lm
Required components:



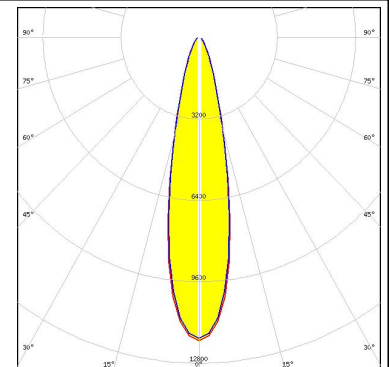
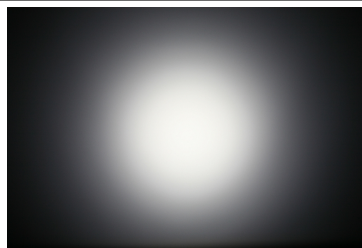
CREE

LED XP-E
FWHM 18.0°
Efficiency 88 %
Peak intensity 4.850 cd/lm
Required components:



CREE

LED XP-G
FWHM 23.0°
Efficiency 86 %
Peak intensity 2.980 cd/lm
Required components:



LUMILEDS

LED LUXEON A
FWHM 22.0°
Efficiency %
Peak intensity cd/lm
Required components:

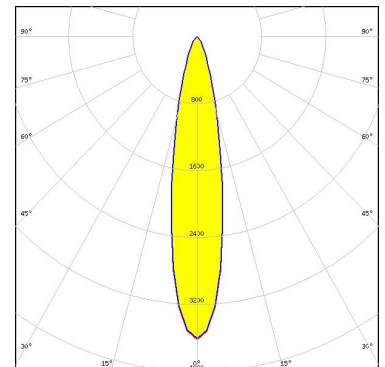
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
FWHM 28.0°
Efficiency 89 %
Peak intensity 1.960 cd/lm
Required components:

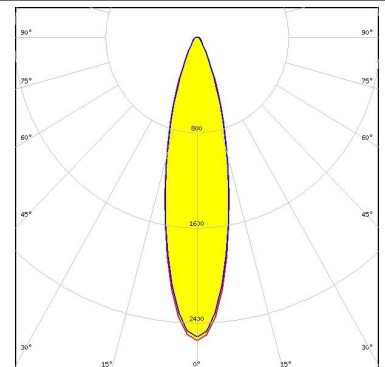
OSRAM Opto Semiconductors

LED Oslon SSL 150
FWHM 20.0°
Efficiency 90 %
Peak intensity 3.630 cd/lm
Required components:



OSRAM Opto Semiconductors

LED Oslon SSL 80
FWHM 24.0°
Efficiency 92 %
Peak intensity 2.500 cd/lm
Required components:



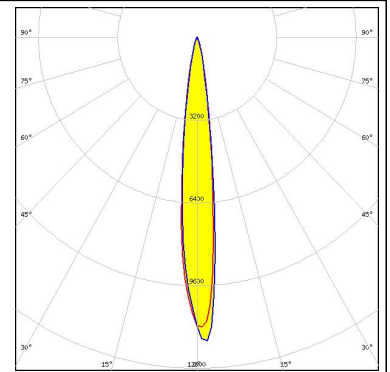
SHARP

LED Double Dome (GM2BB)
FWHM 22.0°
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED Synios P2720 1/4 mm
FWHM 12.0°
Efficiency 94 %
Peak intensity 11.920 cd/lm
Required components:



SEOL
SEoul SEMIConDUCTOR

LED Z5
FWHM 18.0°
Efficiency %
Peak intensity 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:

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