GT3-S

~18° spot beam



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	9 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

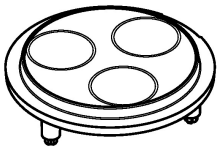
Component	Type	Material	Colour	Finish
GT3-S	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

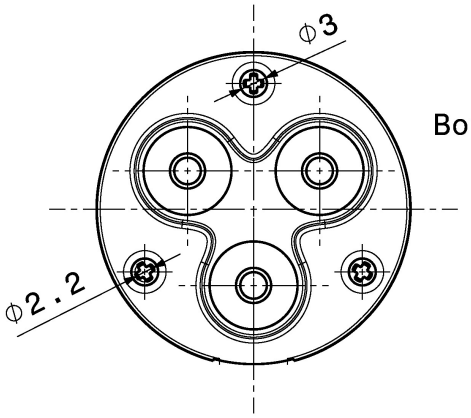
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10891_GT3-S » Box size: 300 x 250 x 250 mm	864	144	144	4.5

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DATE
27.06.2018

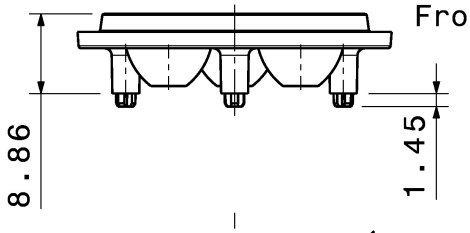


Isometric view
Scale 1:1

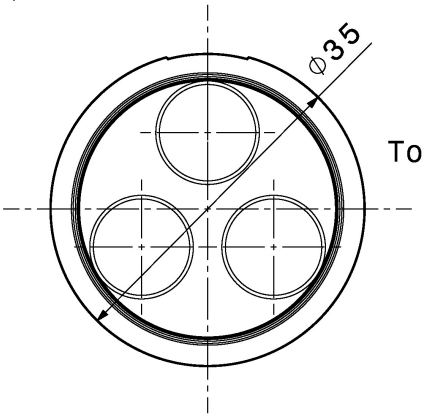


Bottom view

Part no.s:
C10891_GT3-XP-S
C10891_GT3-XP-G-S
C10891_GT3-OSL-S
C10891_GT3-DD-S
C10891_GT3-RE-ES-M
C10891_GT3-Z5-S
C10892_GT3-XP-M
C10892_GT3-XP-G-M
C10892_GT3-OSL-M
C10892_GT3-DD-M
C10892_GT3-XP-M
C10892_GT3-Z5-M
C10893_GT3-XP-W
C10893_GT3-XP-G-W
C10893_GT3-OSL-W
C10893_GT3-DD-W
C10893_GT3-RE-ES-W
C11623_GT3-RE-WW
C11623_GT3-N19-WW
C11624_GT3-XP-WW
C11624_GT3-XP-G-WW
C11624_GT3-OSL-WW
C11624_GT3-DD-WW
C11624_GT3-Z5-WW



Front view



Top view

TYPE	MATERIAL	COLOR / COATING
LENS	PMMA	CLEAR

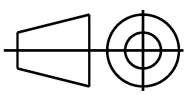
MECHANICAL DRAWING

PRODUCT GT3

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:



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SCALE 3:2 | WEIGHT - | A4 SHEET 1/1

See also our general installation guide: www.ledil.com/installation_guide

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PHOTOMETRIC DATA (MEASURED):

CREE LED

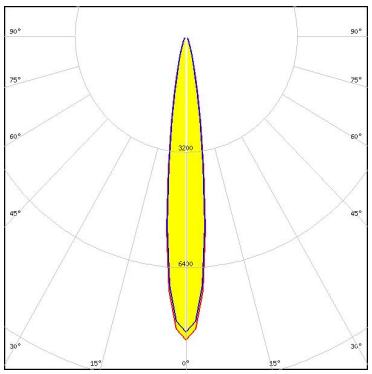
LED	XB-D
FWHM / FWTM	14.0° / 38.0°
Efficiency	92 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

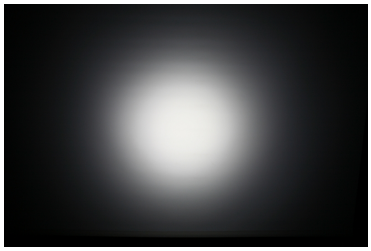
LED	XP-E
FWHM / FWTM	14.0° / 31.0°
Efficiency	92 %
Peak intensity	8.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

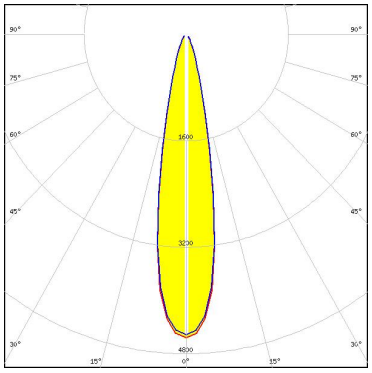




CREE LED

LED	XP-G
FWHM / FWTM	21.0° / 42.0°
Efficiency	92 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





LUMILEDS

LED	LUXEON A
FWHM / FWTM	21.0° / 50.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	16.0° / 50.0°
Efficiency	91 %
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS



LED	LUXEON Rebel ES
FWHM / FWTM	21.0° / 50.0°
Efficiency	89 %
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NCSxx19A
FWHM / FWTM	14.0° / 50.0°
Efficiency	88 %
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSxx19A
FWHM / FWTM	17.0° / 50.0°
Efficiency	88 %
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

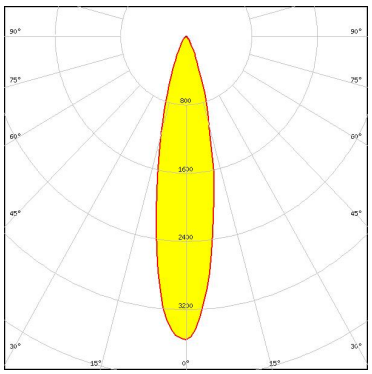
LED	OSLON Square EC
FWHM / FWTM	26.0° / 60.0°
Efficiency	90 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	22.0° / 46.0°
Efficiency	86 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	17.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White

Required components:



SEOUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	14.0°
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:

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PHOTOMETRIC DATA (MEASURED):

SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	18.0°
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:

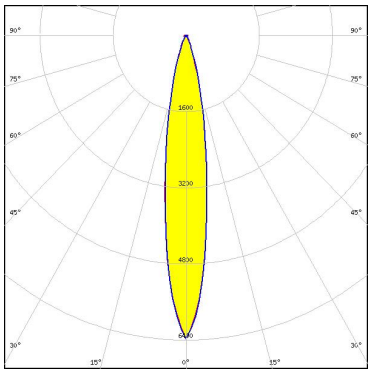


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PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NCSxE17A
FWHM / FWTM	16.0° / 38.0°
Efficiency	96 %
Peak intensity	6.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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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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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

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