



Ordering number C11394
Description C11394-Tyra-S
Family Tyra
Type Reflector
LED MP-L
Color Metal
Diameter 40 mm
Height 23.1 mm
Style Round
Optic Material PC
Holder Material -
Fastening Pin, glue
Status Ready

FWHM 20 degrees
Efficiency -
cd/lm -
Gerber File Available

Used with Tyco holder



Ordering number C11395
Description C11395-Tyra-M
Family Tyra
Type Reflector
LED MP-L
Color Metal
Diameter 40 mm
Height 23.1 mm
Style Round
Optic Material PC
Holder Material -
Fastening Pin, glue
Status Ready

FWHM 32 degrees
Efficiency -
cd/lm -
Gerber File Available

Used with Tyco holder



Ordering number C11396
Description C11396-Tyra-W
Family Tyra
Type Reflector
LED MP-L
Color Metal
Diameter 40 mm
Height 23.1 mm
Style Round
Optic Material PC
Holder Material -
Fastening Pin, glue
Status Ready

FWHM 52 degrees
Efficiency -
cd/lm -
Gerber File Available

Used with Tyco holder

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.



PRODUCT DATASHEET Tyra series



GENERAL INFORMATION

- Product series especially designed & optimized for MP-L series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (110 degrees of Celcius / 230 degrees of Fahrenheit).
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.
http://www.ledil.com/datasheets/DataSheet_GLUES.pdf

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.

NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.

C11394



C11396



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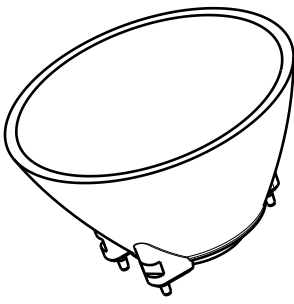
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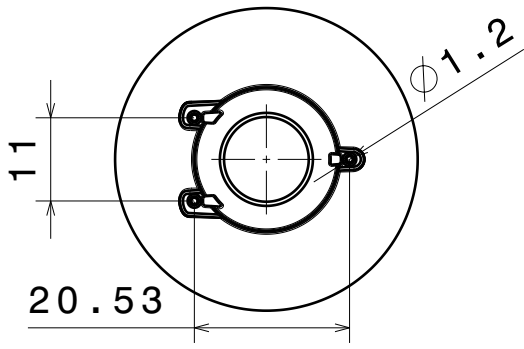
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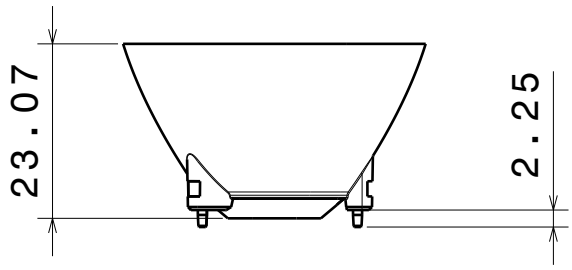
Isometric view
Scale: 1:1



Bottom view
Scale: 1:1

3

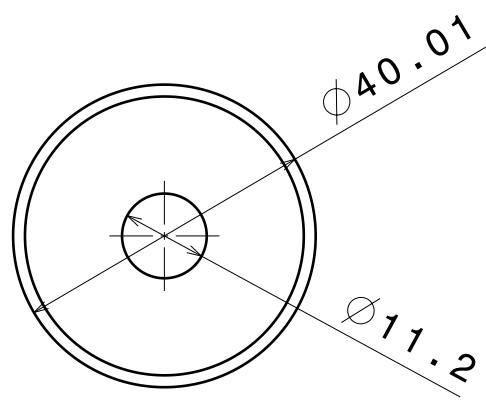
3



Front view
Scale: 1:1

2

2



Top view
Scale: 1:1

Material: PC
Metal coating with laquering

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DRAWING TITLE

Datasheet Tyra series

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DRAWN BY ah		DATE 25.7.2011		DRAWING TITLE Datasheet Tyra series			
CHECKED BY sn		DATE 25.7.2011		SIZE A4	DRAWING NUMBER		REV 3
DESIGNED BY ol		DATE 07.07.2010		SCALE 2:1	WEIGHT (g)	SHEET 1/1	

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