

Cindy series



Ordering number C10982
Description C10982-Cindy-L230-S

Family	Cindy	FWHM	35 degrees
Type	Reflector	Efficiency	-
LED	CL-L230	cd/lm	-
Color	Metal	Gerber File	Available
Diameter	22.6 mm		
Height	12.6 mm		
Style	Hexagonal		
Optic Material	-		
Holder Material	-		
Fastening	-		
Status	Ready		



Ordering number C10983
Description C10983-Cindy-L230-M

Family	Cindy	FWHM	51 degrees
Type	Reflector	Efficiency	-
LED	CL-L230	cd/lm	-
Color	Metal	Gerber File	Available
Diameter	22.6 mm		
Height	12.6 mm		
Style	Hexagonal		
Optic Material	-		
Holder Material	-		
Fastening	-		
Status	Ready		



Ordering number C10984
Description C10984-Cindy-L230-W

Family	Cindy	FWHM	61 degrees
Type	Reflector	Efficiency	-
LED	CL-L230	cd/lm	-
Color	Metal	Gerber File	Available
Diameter	22.6 mm		
Height	12.6 mm		
Style	Hexagonal		
Optic Material	-		
Holder Material	-		
Fastening	-		
Status	Ready		



Cindy series

Specially designed for CL-L230 series of LEDs.

Reflector material optical grade metal and protective lacquer coated PC (120 degrees of Celcius/24 degrees of Fahrenheit). Allows use of high current and temperature conditions.

D C B A

4

3

2

1

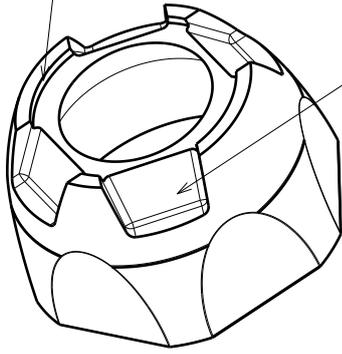
4

3

2

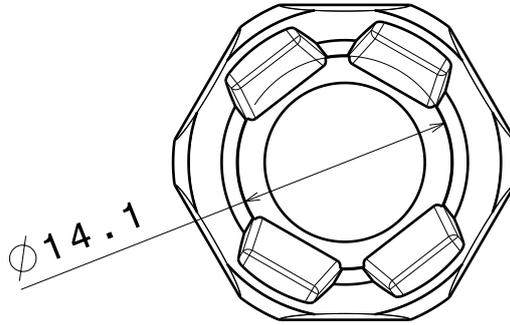
1

Guide profile for centering to LED



Recesses for solder pads/ screws

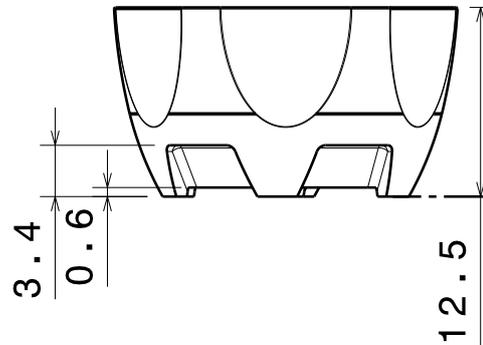
Bottom view



Ø14.1

Front view

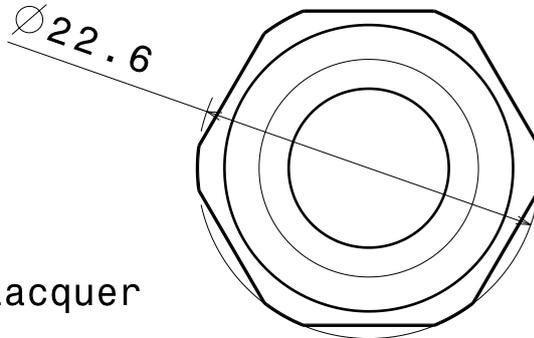
Top of PCB



3.4
0.6

12.5

Top view



Ø22.6

Material: PC
Coating: metal+clear lacquer

Versions;
C10982 Spot
C10983 Medium
C10984 Wide

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cindy L230 Reflector

DRAWN BY pv	DATE 17.03.2010
CHECKED BY tk	DATE 24.02.2010
DESIGNED BY jj	DATE 07.08.2008

SIZE A4	DRAWING NUMBER 10982, 10983, 10984	REV 2
SCALE 2:1	WEIGHT (g)	SHEET 1/1

D

A

D C B A

4

3

2

1

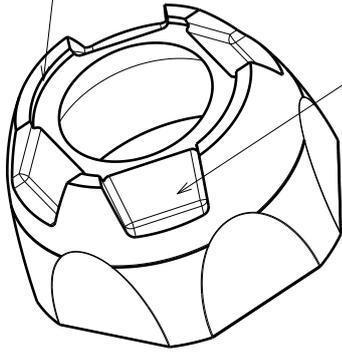
4

3

2

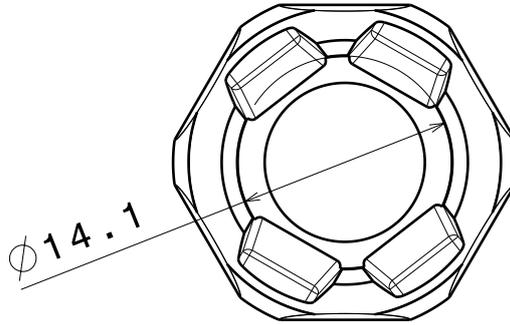
1

Guide profile for centering to LED



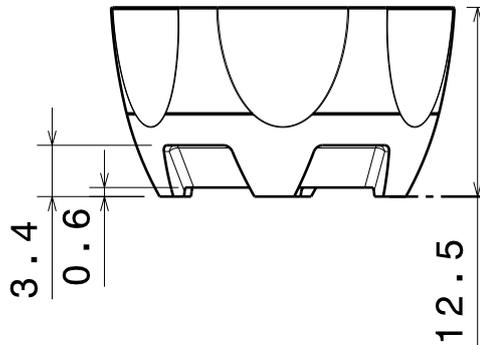
Recesses for solder pads/ screws

Bottom view

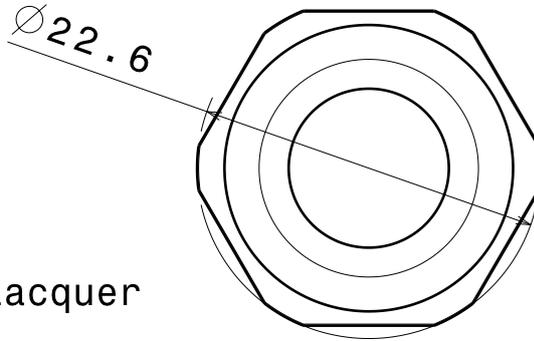


Front view

Top of PCB



Top view



Material: PC
Coating: metal+clear lacquer

Versions;
C10982 Spot
C10983 Medium
C10984 Wide

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cindy L230 Reflector

DRAWN BY pv	DATE 17.03.2010
----------------	--------------------

CHECKED BY tk	DATE 24.02.2010
------------------	--------------------

DESIGNED BY jj	DATE 07.08.2008
-------------------	--------------------

SIZE A4	DRAWING NUMBER 10982, 10983, 10984	REV 2
------------	---------------------------------------	----------

SCALE 2:1	WEIGHT (g)	SHEET 1/1
--------------	------------	--------------

D

A

D C B A

4

3

2

1

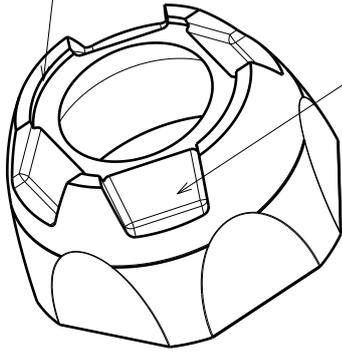
4

3

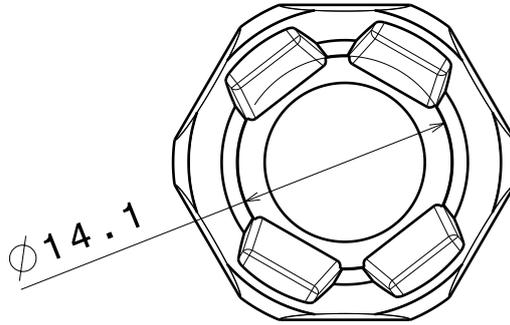
2

1

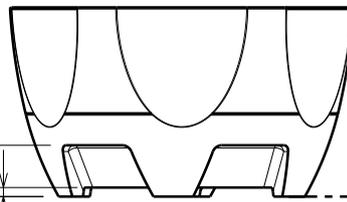
Guide profile for centering to LED



Recesses for solder pads/ screws



Bottom view



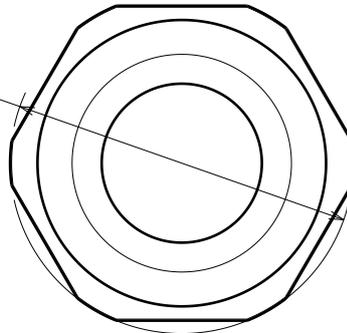
Front view

Top of PCB

3.4
0.6

12.5

Ø22.6



Top view

Material: PC
Coating: metal+clear lacquer

Versions;
C10982 Spot
C10983 Medium
C10984 Wide

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cindy L230 Reflector

DRAWN BY pv	DATE 17.03.2010
----------------	--------------------

CHECKED BY tk	DATE 24.02.2010
------------------	--------------------

DESIGNED BY jj	DATE 07.08.2008
-------------------	--------------------

SIZE A4	DRAWING NUMBER 10982, 10983, 10984	REV 2
------------	---------------------------------------	----------

SCALE 2:1	WEIGHT (g)	SHEET 1/1
--------------	------------	--------------

D

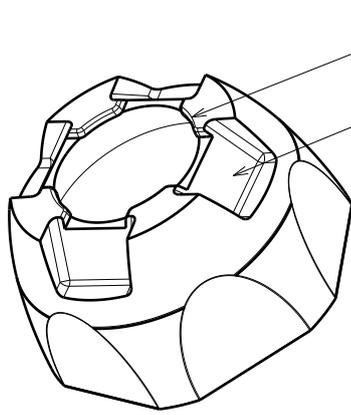
A

D

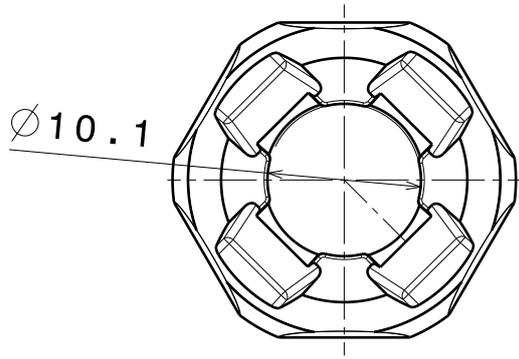
C

B

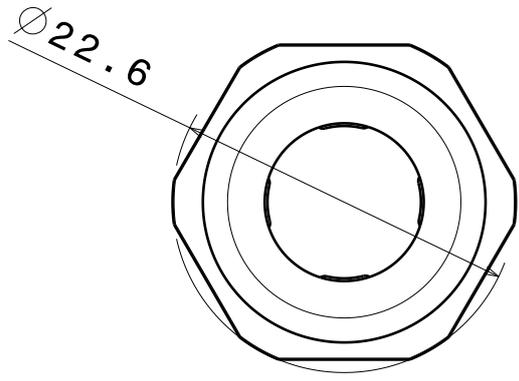
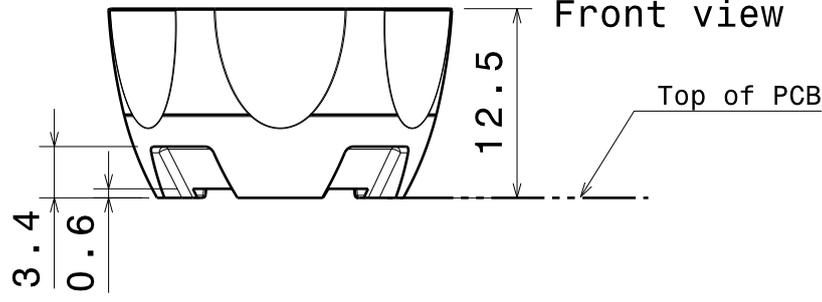
A



Bottom view



Front view



Top view

Material: PC
Coating: metal+clear lacquer

Versions;
C10859 Spot
C10980 Medium
C10981 Wide

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cindy L251 Reflector

DRAWN BY pv	DATE 17.03.2010
----------------	--------------------

CHECKED BY tk	DATE 24.02.2010
------------------	--------------------

DESIGNED BY jj	DATE 07.08.2008
-------------------	--------------------

SIZE A4	DRAWING NUMBER 10859, 10980, 10981	REV 2
------------	---------------------------------------	----------

SCALE 2:1	WEIGHT (g)	SHEET 1/1
--------------	------------	--------------

D

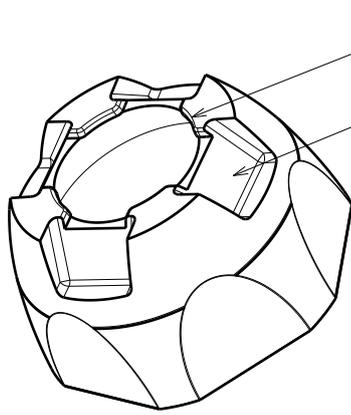
A

D

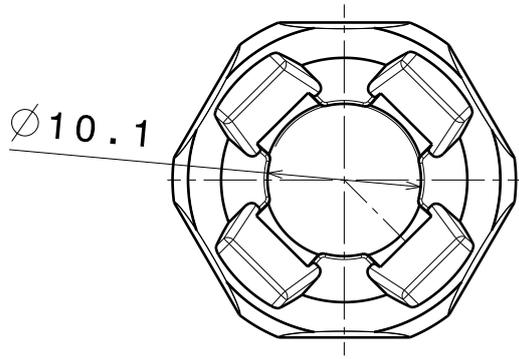
C

B

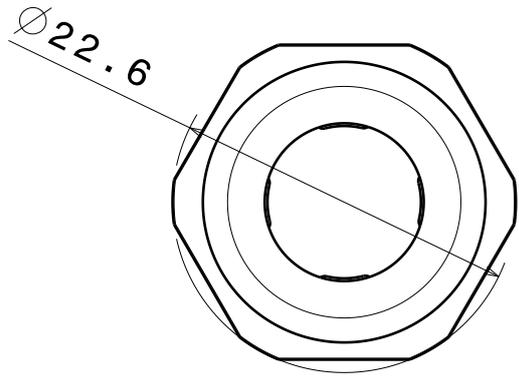
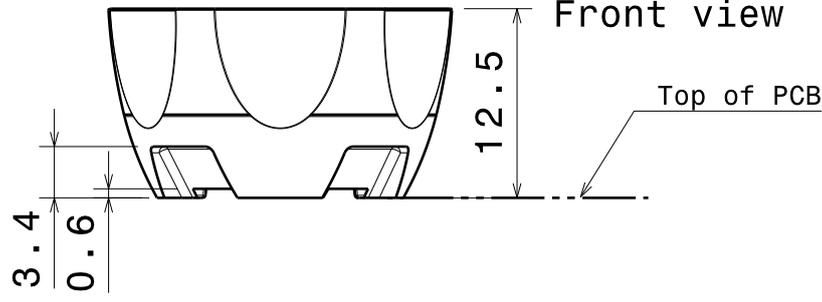
A



Bottom view



Front view



Top view

Material: PC
Coating: metal+clear lacquer

Versions;
C10859 Spot
C10980 Medium
C10981 Wide

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cindy L251 Reflector

DRAWN BY pv	DATE 17.03.2010
----------------	--------------------

CHECKED BY tk	DATE 24.02.2010
------------------	--------------------

DESIGNED BY jj	DATE 07.08.2008
-------------------	--------------------

SIZE A4	DRAWING NUMBER 10859, 10980, 10981	REV 2
------------	---------------------------------------	----------

SCALE 2:1	WEIGHT (g)	SHEET 1/1
--------------	------------	--------------

D

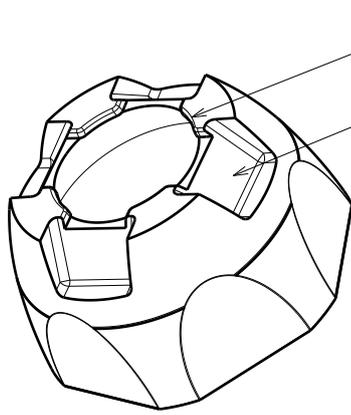
A

D

C

B

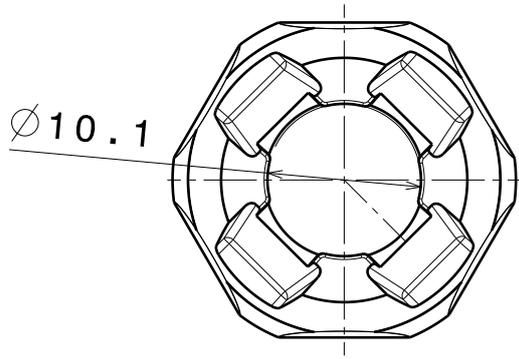
A



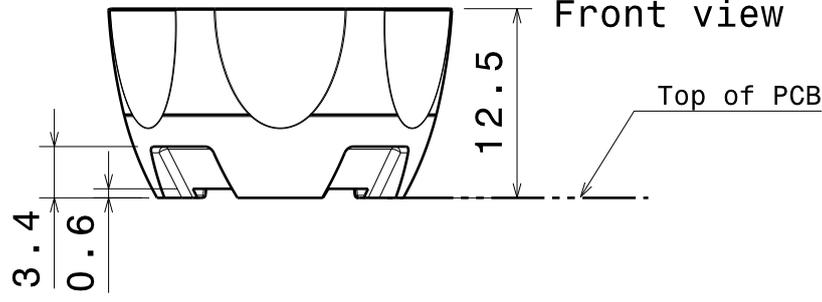
Guides for centering to LED

Recesses for solder pads/ screws

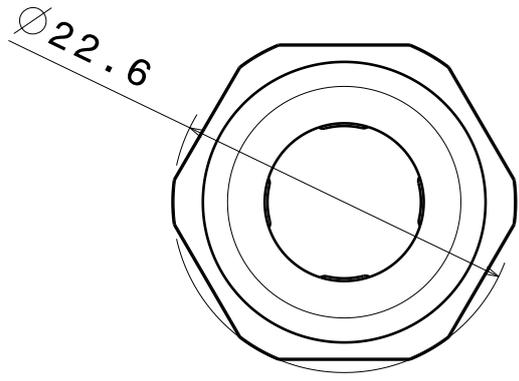
Bottom view



Front view



Top view



Material: PC
Coating: metal+clear lacquer

Versions;
C10859 Spot
C10980 Medium
C10981 Wide

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cindy L251 Reflector

DRAWN BY pv	DATE 17.03.2010
----------------	--------------------

CHECKED BY tk	DATE 24.02.2010
------------------	--------------------

DESIGNED BY jj	DATE 07.08.2008
-------------------	--------------------

SIZE A4	DRAWING NUMBER 10859, 10980, 10981	REV 2
------------	---------------------------------------	----------

SCALE 2:1	WEIGHT (g)	SHEET 1/1
--------------	------------	--------------

D

A

D C B A

4

3

2

1

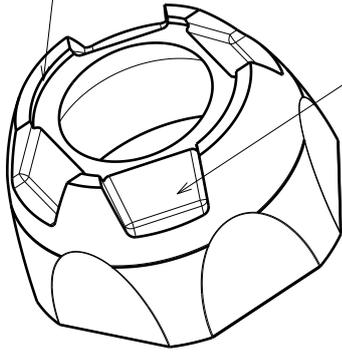
4

3

2

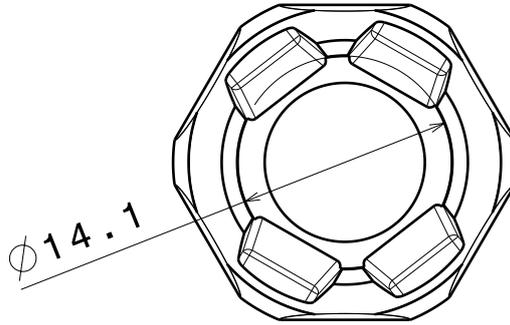
1

Guide profile for centering to LED



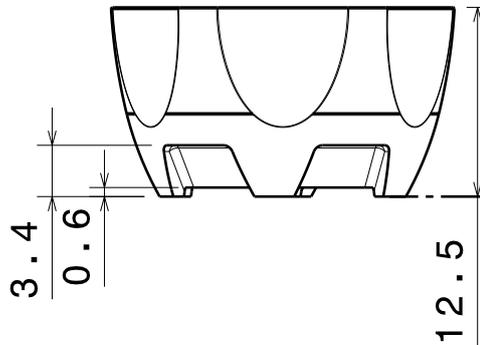
Recesses for solder pads/ screws

Bottom view

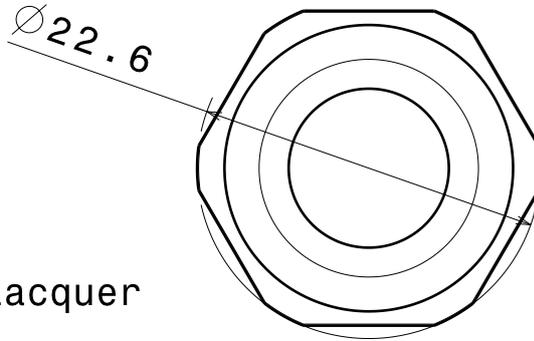


Front view

Top of PCB



Top view



Material: PC
Coating: metal+clear lacquer

Versions;
C10982 Spot
C10983 Medium
C10984 Wide

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Cindy L230 Reflector

DRAWN BY pv	DATE 17.03.2010
----------------	--------------------

CHECKED BY tk	DATE 24.02.2010
------------------	--------------------

DESIGNED BY jj	DATE 07.08.2008
-------------------	--------------------

SIZE A4	DRAWING NUMBER 10982, 10983, 10984	REV 2
------------	---------------------------------------	----------

SCALE 2:1	WEIGHT (g)	SHEET 1/1
--------------	------------	--------------

D

A