



Ordering number C10754
Description C10754_Cute-3-SS-XM

Family	Cute	FWHM	19 degrees
Type	Lens	Efficiency	-
LED	XM-L	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue, pin		
Status	Ready		



Ordering number C10755
Description C10755_Cute-3-M-XM

Family	Cute	FWHM	25 degrees
Type	Lens	Efficiency	-
LED	XM-L	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue, pin		
Status	Ready		



Ordering number C10756
Description C10756_Cute-3-W-XM

Family	Cute	FWHM	0 degrees
Type	Lens	Efficiency	-
LED	XM-L	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue, pin		
Status	Ready		



Ordering number C11333
Description C11333_Cute-3-SS-XM

Family	Cute	FWHM	19 degrees
Type	Lens	Efficiency	-
LED	XM-L	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue, pin		
Status	Ready		



Ordering number C11334
Description C11334_Cute-3-M-XM

Family	Cute	FWHM	25 degrees
Type	Lens	Efficiency	-
LED	XM-L	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue, pin		
Status	Ready		

D

C

B

A

4

4

3

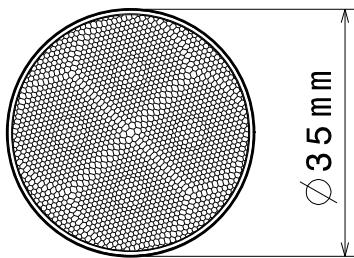
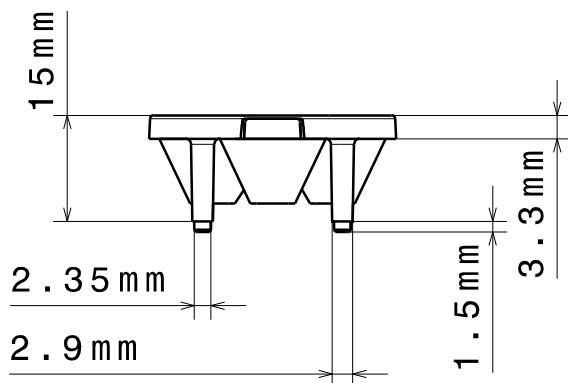
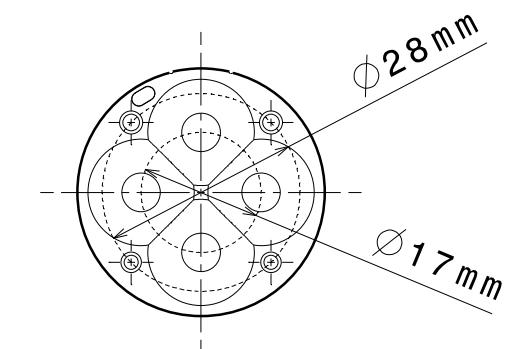
3

2

2

1

1



Material: PMMA

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

Cute-4-CSS

DRAWN BY
RM

DATE

05.12.2007

CHECKED BY
HH

DATE

05.12.2007

DESIGNED BY
HH

DATE

05.12.2007

SIZE

A4

DRAWING NUMBER

10446

REV

0.1

SCALE 1:1 WEIGHT(g)

SHEET 1/1

D

A

D

C

B

A

4

4

3

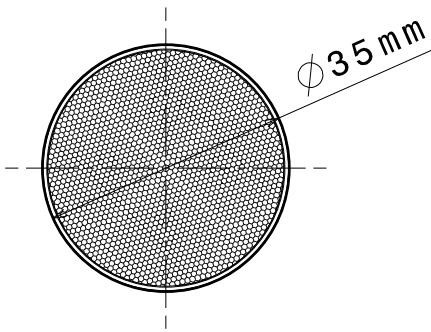
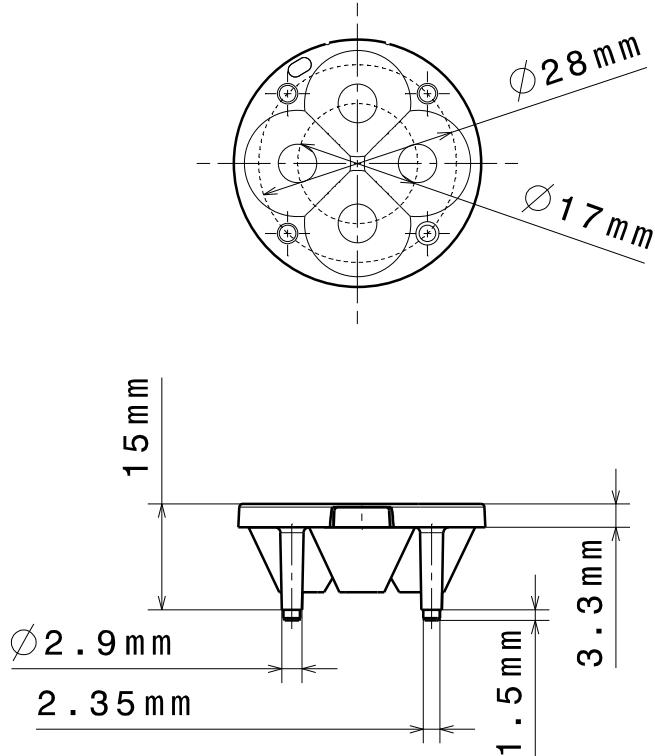
3

2

2

1

1



Material: PMMA

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

Cute-4-CM

DRAWN BY
RM

DATE
07.12.2007

CHECKED BY
HH

DATE
07.12.2007

SIZE
A4

DRAWING NUMBER

10447

REV
0.1

DESIGNED BY
HH

DATE
07.12.2007

SCALE
1:1

WEIGHT(g)

SHEET
1/1

D

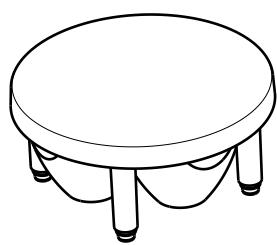
A

D

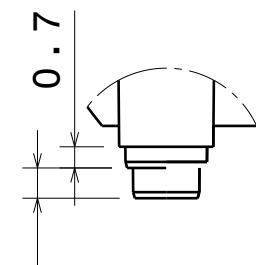
C

B

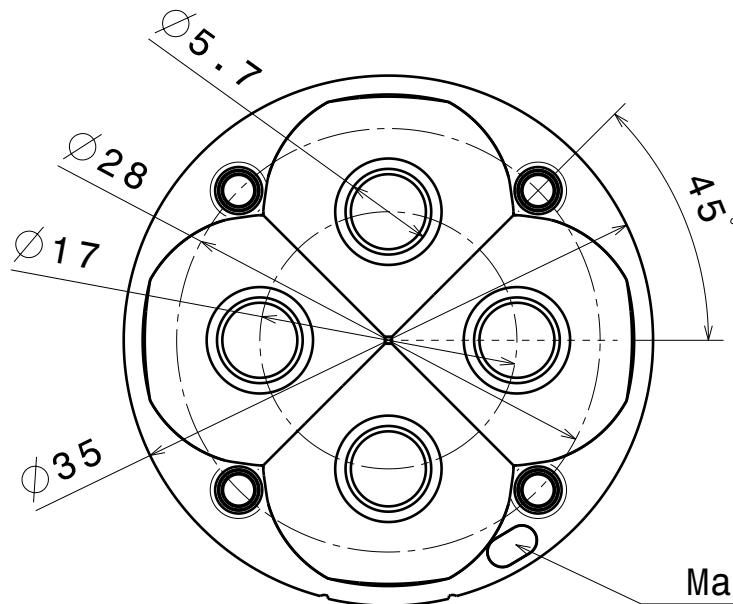
A



Isometric view
Scale: 1:1

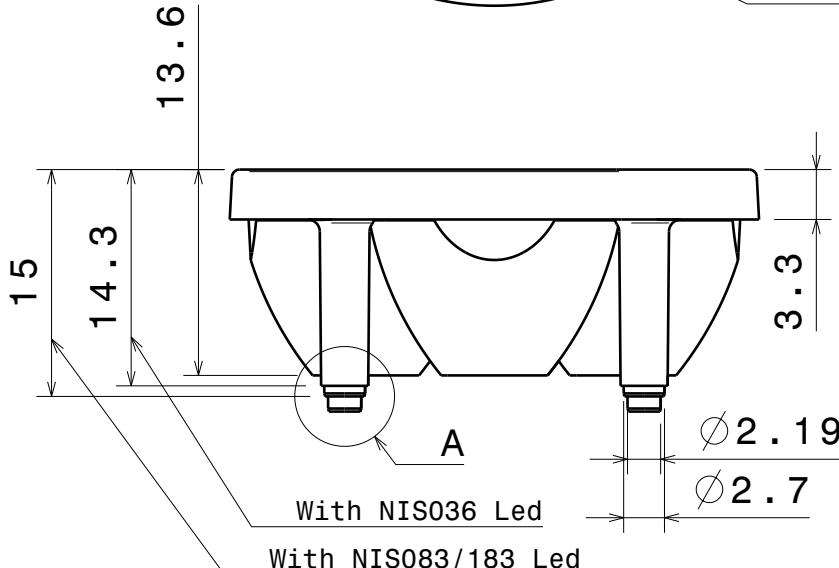


Detail A
Scale: 4:1



Bottom view

Marking



Front view

Material: PMMA

Tolerances:

Dimensions less < 20mm $+-0.1$ mm

Dimensions between (21-45)mm $+-0.2$ mm

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DRAWING TITLE

Datasheet Cute-4-NIS-M lens

DRAWN BY p DATE 21.01.2009

CHECKED BY t k DATE 14.12.2008

DESIGNED BY HH DATE 14.12.2008

SIZE A4 DRAWING NUMBER 10812 REV 0.1

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

D

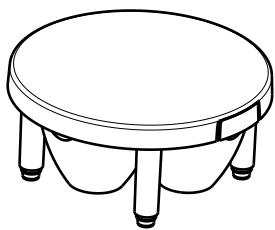
A

D

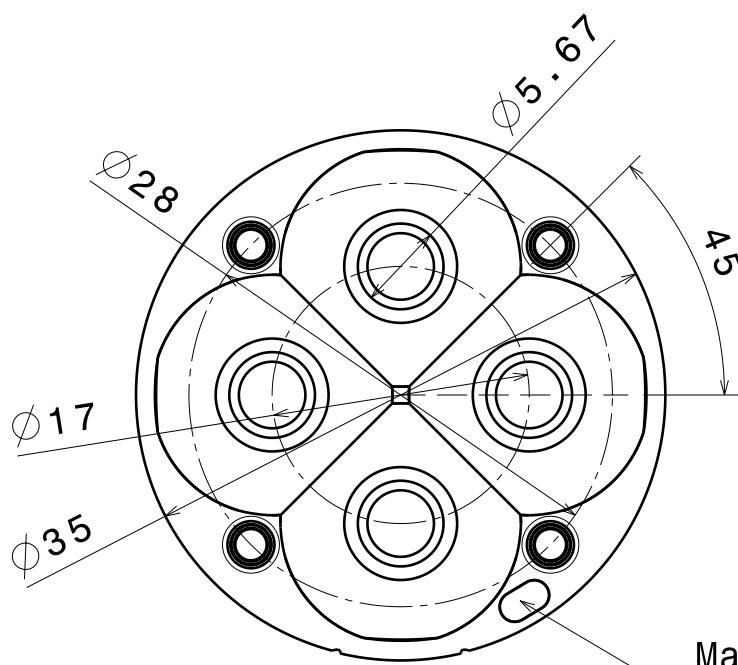
C

B

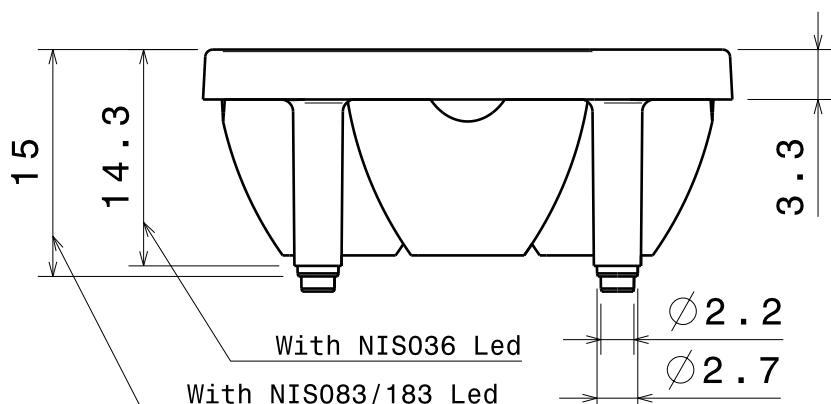
A



Isometric view
Scale: 1:1



Bottom view



Front view

Material: PMMA

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

1

DRAWN BY
pv

DATE
22.01.2009

CHECKED BY
tk

DATE
14.12.2008

DESIGNED BY
HH

DATE
14.12.2008

SIZE
A4

Datasheet Cute-4-NIS-W lens

10813

REV
0.1

SCALE 2:1 WEIGHT(g)

SHEET 1/1

D

A

4

3

2

1

D

C

B

A

4

4

3

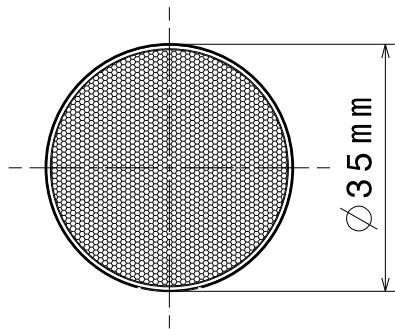
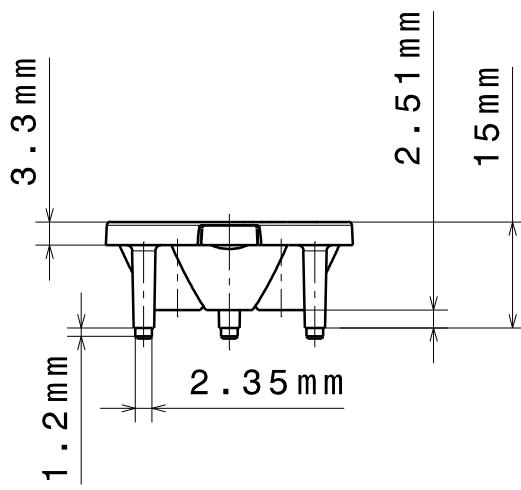
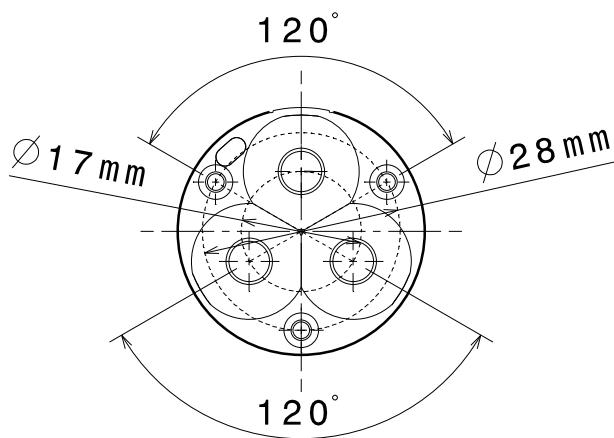
3

2

2

1

1



Material: PMMA

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

Cute-3-CM

DRAWN BY
RM

DATE
31.10.2007

CHECKED BY
HH

DATE
31.10.2007

SIZE
A4

DRAWING NUMBER

10427

REV
0.1

DESIGNED BY
HH

DATE
31.10.2007

SCALE
1:1

WEIGHT(g)

SHEET
1/1

D

A

D

C

B

A

4

4

3

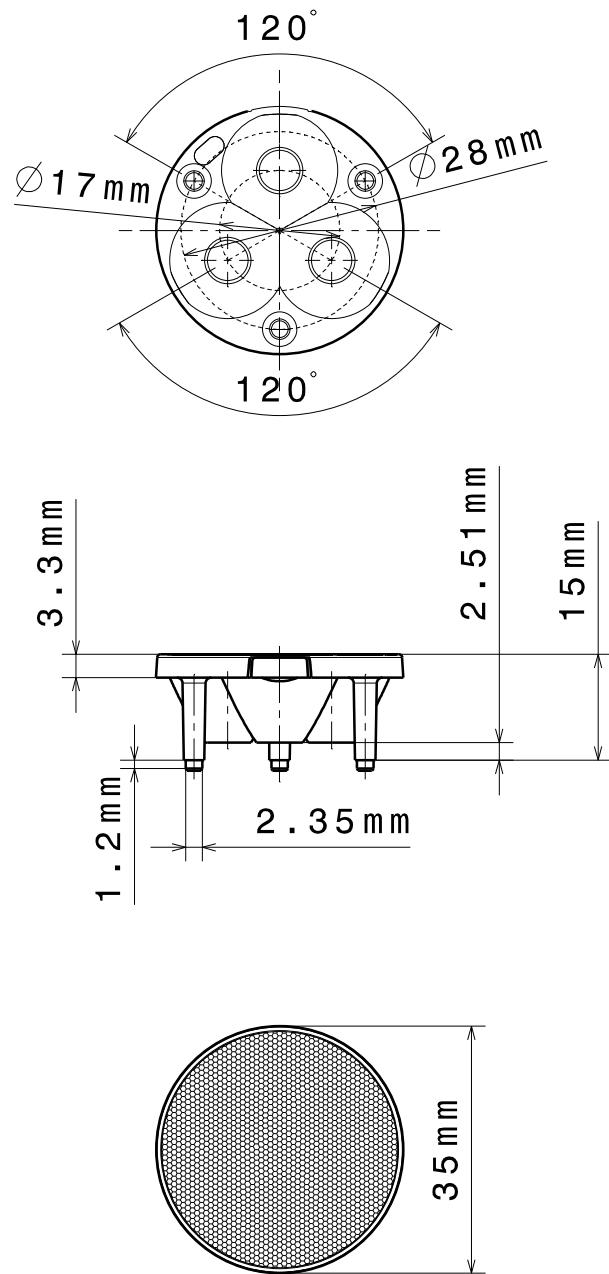
3

2

2

1

1



Material: PMMA

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

Cute-3-CSS

DRAWN BY
RM

DATE
30.10.2007

CHECKED BY
HH

DATE
30.10.2007

SIZE
A4

DRAWING NUMBER

10428

REV
0.1

DESIGNED BY
HH

DATE
30.10.2007

SCALE
1:1

WEIGHT(g)

SHEET 1/1

D

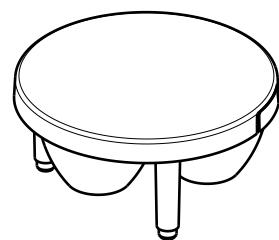
A

D

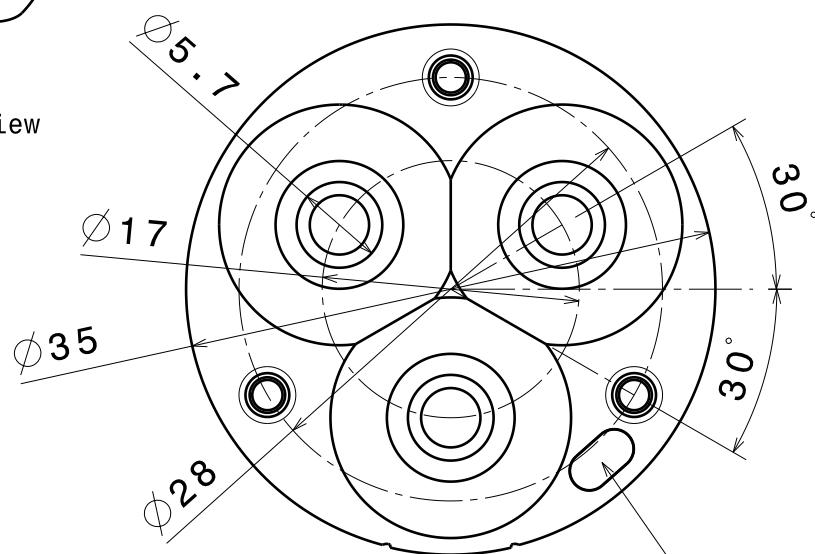
C

B

A

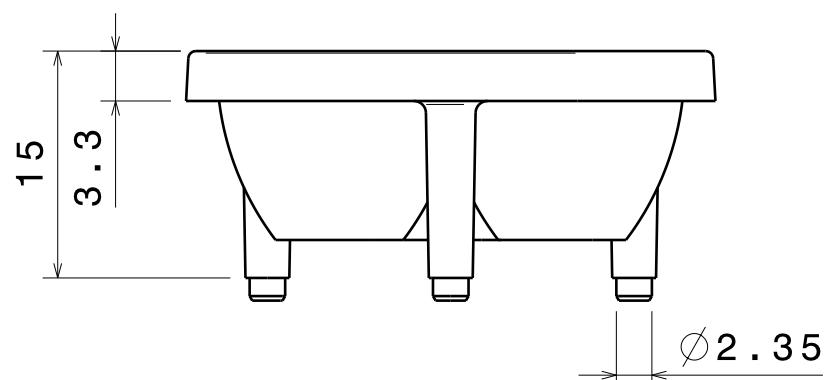


Isometric view
Scale: 1:1



Bottom view

Marking



Front view

Material: PMMA

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DRAWING TITLE

Datasheet Cute-3-W Lens

DRAWN BY pv	DATE 21.01.2009	SIZE A4	DRAWING NUMBER 10429	REV 0.1
CHECKED BY tk	DATE 10.12.2008			
DESIGNED BY hh	DATE 10.12.2008	SCALE 2:1	WEIGHT(g)	SHEET 1/1

D

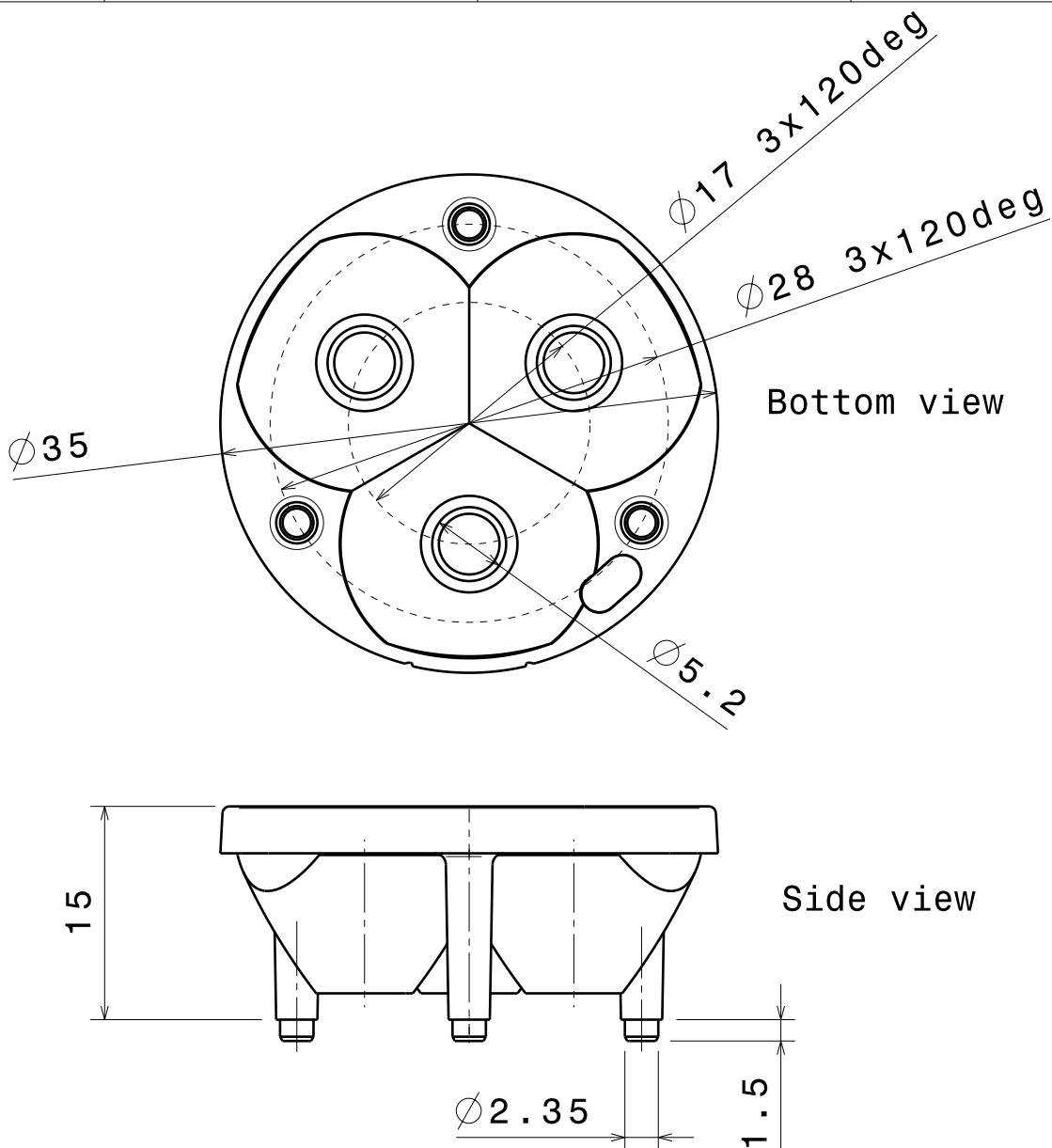
A

D

C

B

A



Material: PMMA

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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

1

DRAWN BY
pv

DATE
08.09.2008

CHECKED BY
TK

DATE
29.08.2008

SIZE A4

DRAWING NUMBER
10710

REV
0.1

DESIGNED BY
HH

DATE
29.08.2008

SCALE 2:1

WEIGHT(g)

SHEET 1/1

D

A

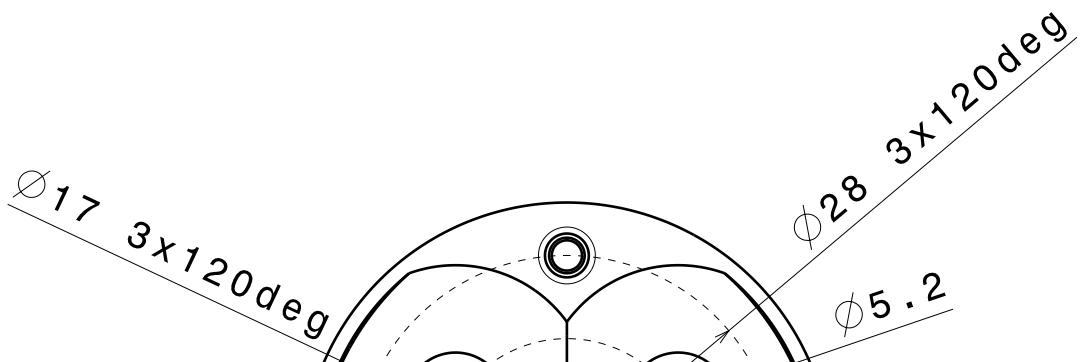
1

D

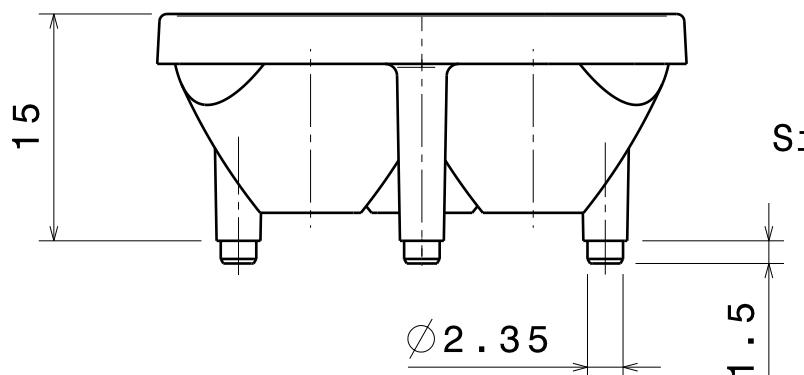
C

B

A



Bottom view



Side view

Material: PMMA

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

1

1

DRAWN BY
pv

DATE
08.09.2008

SIZE
A4

Datasheet Cute3-0-Plus-M Lens

10711

REV
0.1

CHECKED BY
TK

DATE
29.08.2008

DESIGNED BY
HH

DATE
29.08.2008

SCALE
2:1

WEIGHT(g)

SHEET
1/1

D

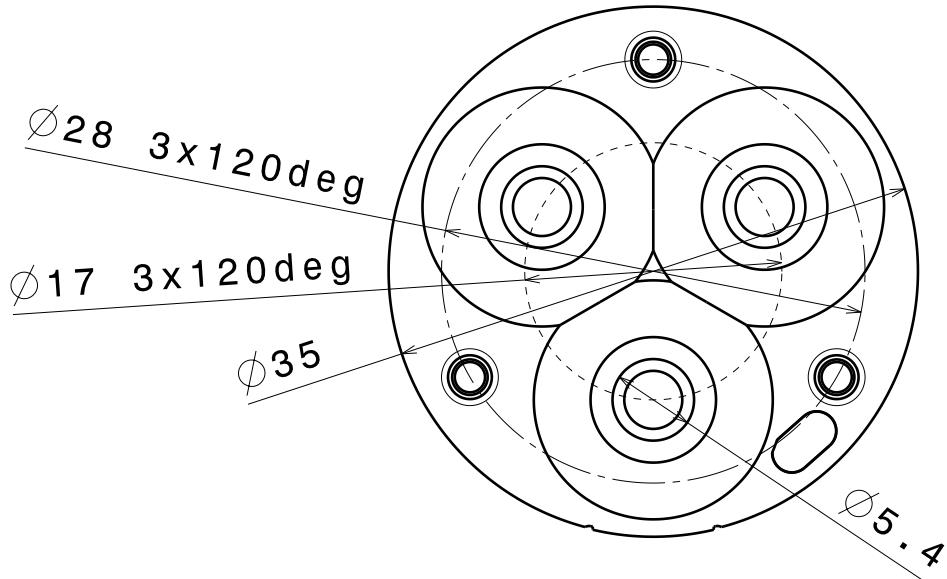
A

D

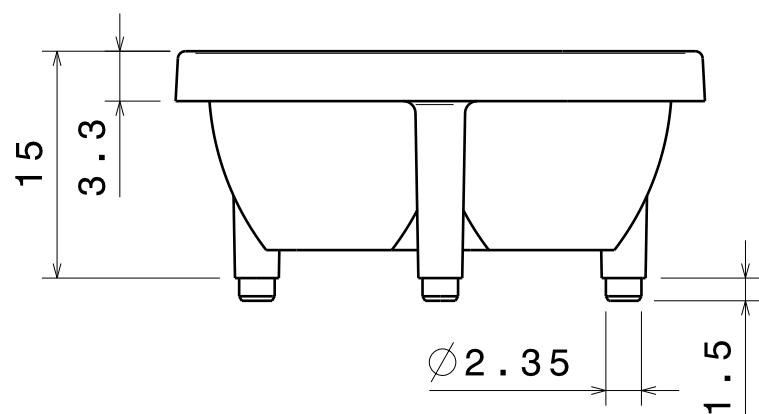
C

B

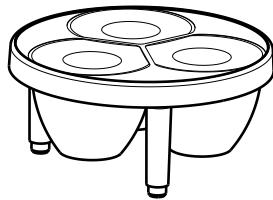
A



Bottom view



Front view

Isometric view
Scale: 1:1

Material: PMMA

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

Datasheet Cute3-0-Plus-W Lens

DRAWN BY pv	DATE 19.11.2008	SIZE A4	DRAWING NUMBER 10712	REV 0.1
CHECKED BY TK	DATE 13.11.2008			
DESIGNED BY HH	DATE 13.11.2008	SCALE 2:1	WEIGHT(g)	SHEET 1/1

D

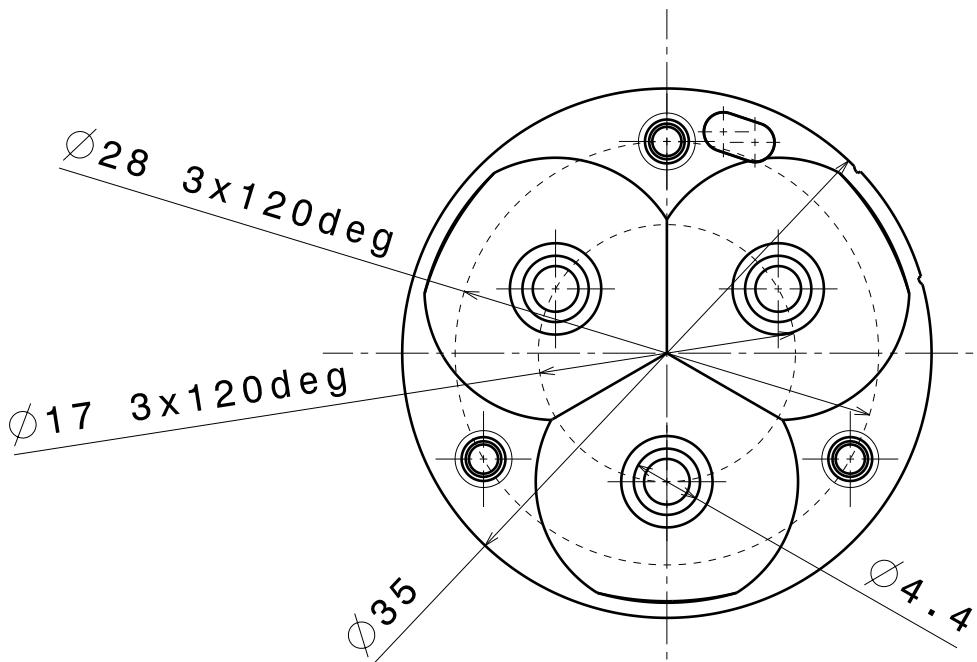
A

D

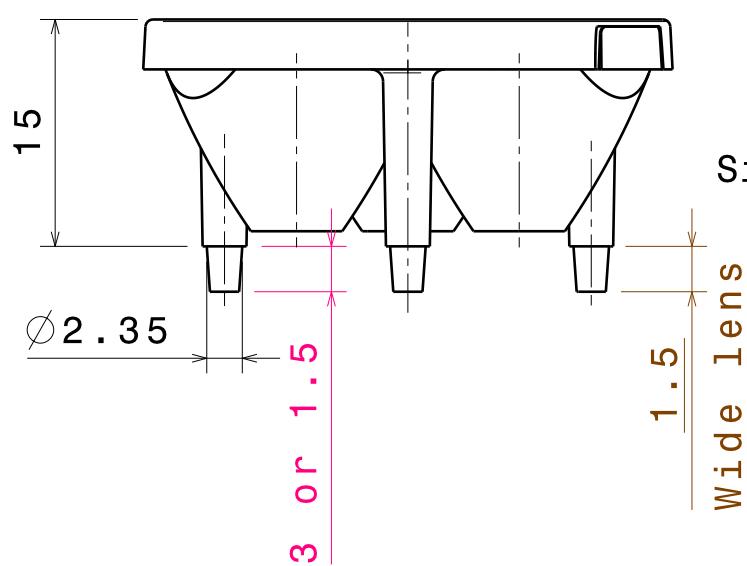
C

B

A



Bottom view



Side view

Wide lens
1.5

Material: PMMA

Part no.s;

Spot:

C10754_Cute-3-SS

C11333_Cute-3-SS, pin head length =1.5mm

Medium:

C10755_Cute-3-M

C11334_Cute-3-M, pin head length =1.5mm

Wide:

C10756_Cute-3-W

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DRAWING TITLE

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

1

DRAWN BY pv	DATE 08.02.2010	Datasheet Cute-3 Lens Series		
CHECKED BY TK	DATE 09.09.2008	SIZE A4	DRAWING NUMBER	REV 1
DESIGNED BY HH	DATE 09.09.2008	SCALE 2:1	WEIGHT(g)	SHEET 1/1

D

A

1