



Ordering number C11773
Description C11773_Venla-S-Vega

Family	Venla	FWHM	13 degrees
Type	Reflector	Efficiency	-
LED	Luxeon S	cd/Im	-
Color	Metal	Gerber File	Available
Diameter	45 mm		
Height	25 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Socket		
Status	Ready		

2154235-1: Solderless LED socket, type LS without optics latch



Ordering number CA12090
Description CA12090_Venla-S-Iris

Family	Venla	FWHM	16.5 degrees
Type	Reflector	Efficiency	-
LED	Luxeon S	cd/Im	-
Color	White	Gerber File	Available
Diameter	45 mm		
Height	27.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Socket		
Status	Ready		

2154235-2: Solderless LED socket, type LS with latch



Ordering number C11775
Description C11775_Venla-M-Vega

Family	Venla	FWHM	28 degrees
Type	Reflector	Efficiency	90 %
LED	Luxeon S	cd/Im	-
Color	Metal	Gerber File	Available
Diameter	45 mm		
Height	25 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Socket		
Status	Ready		

2154235-1: Solderless LED socket, type LS without optics latch



Ordering number C11776
Description C11776_Venla-W-Vega

Family	Venla	FWHM	45 degrees
Type	Reflector	Efficiency	-
LED	Luxeon S	cd/Im	-
Color	Metal	Gerber File	Available
Diameter	45 mm		
Height	25 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Socket		
Status	Ready		

2154235-1: Solderless LED socket, type LS without optics latch



Ordering number C11777
Description C11777_Venla-WW-Vega

Family	Venla	FWHM	56 degrees
Type	Reflector	Efficiency	87 %
LED	Luxeon S	cd/Im	-
Color	Metal	Gerber File	Available
Diameter	45 mm		
Height	25 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	Socket		
Status	Ready		

2154235-1: Solderless LED socket, type LS without optics latch

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

Venla series

PHILIPS
LUMILEDS

GENERAL INFORMATION

- Product series especially designed & optimized for Luxeon S series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance (105 degrees of Celcius / 220 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

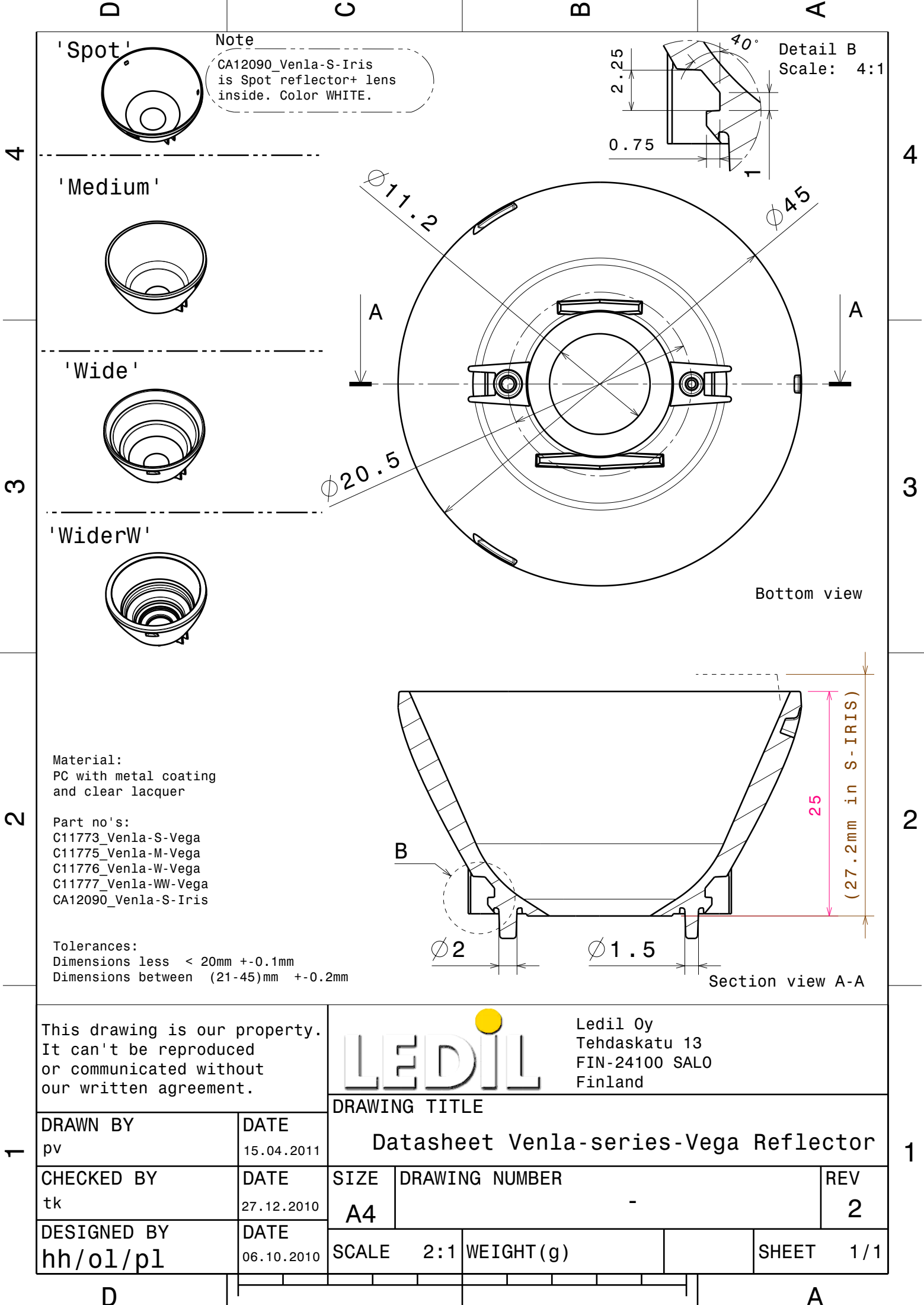
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

- Lens material optical grade PC with high UV and temperature resistance (120 degrees of Celcius / 248 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used materials from below:

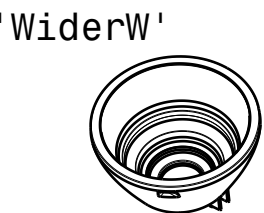
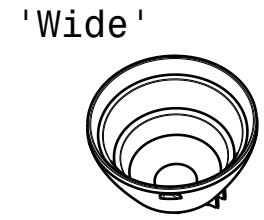
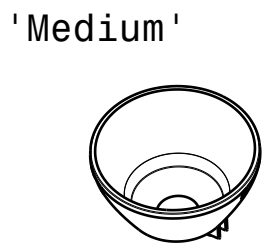
http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400_2407_2456_2458-UL.pdf

- 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).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).



'Spot'

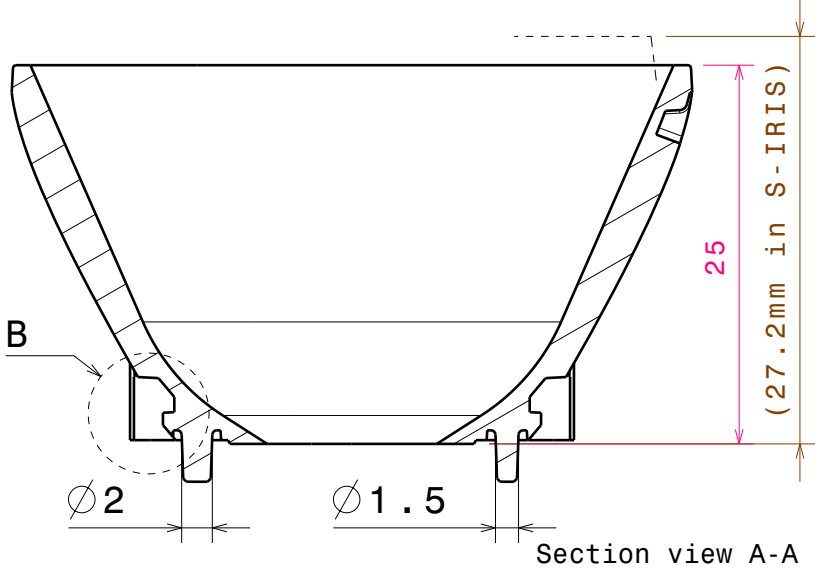
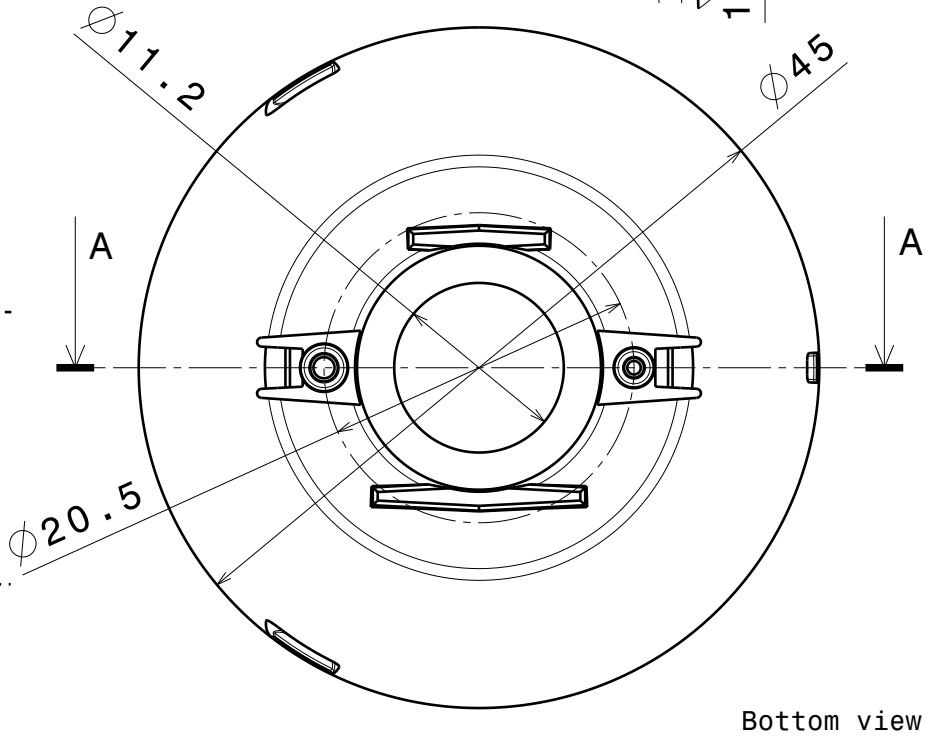
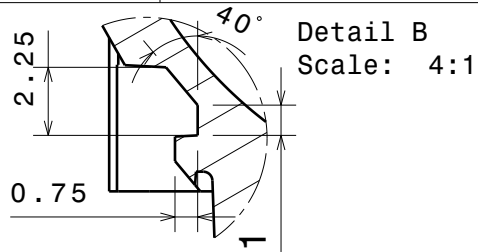
Note
CA12090_Venla-S-Iris
is Spot reflector+ lens
inside. Color WHITE.



Material:
PC with metal coating
and clear lacquer

Part no's:
C11773_Venla-S-Vega
C11775_Venla-M-Vega
C11776_Venla-W-Vega
C11777_Venla-WW-Vega
CA12090_Venla-S-Iris

Tolerances:
Dimensions less < 20mm $\pm 0.1\text{mm}$
Dimensions between (21-45)mm $\pm 0.2\text{mm}$



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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Venla-series-Vega Reflector

DRAWN BY
pv
DATE
15.04.2011

CHECKED BY
tk
DATE
27.12.2010

DESIGNED BY
hh/ol/pl
DATE
06.10.2010

SIZE A4	DRAWING NUMBER -	REV 2
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SCALE 2:1	WEIGHT (g)	SHEET 1/1
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