

TINA-Y-O-WHT

~45° + 15° oval beam. Assembly with holder, installation tape and pins. White version

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

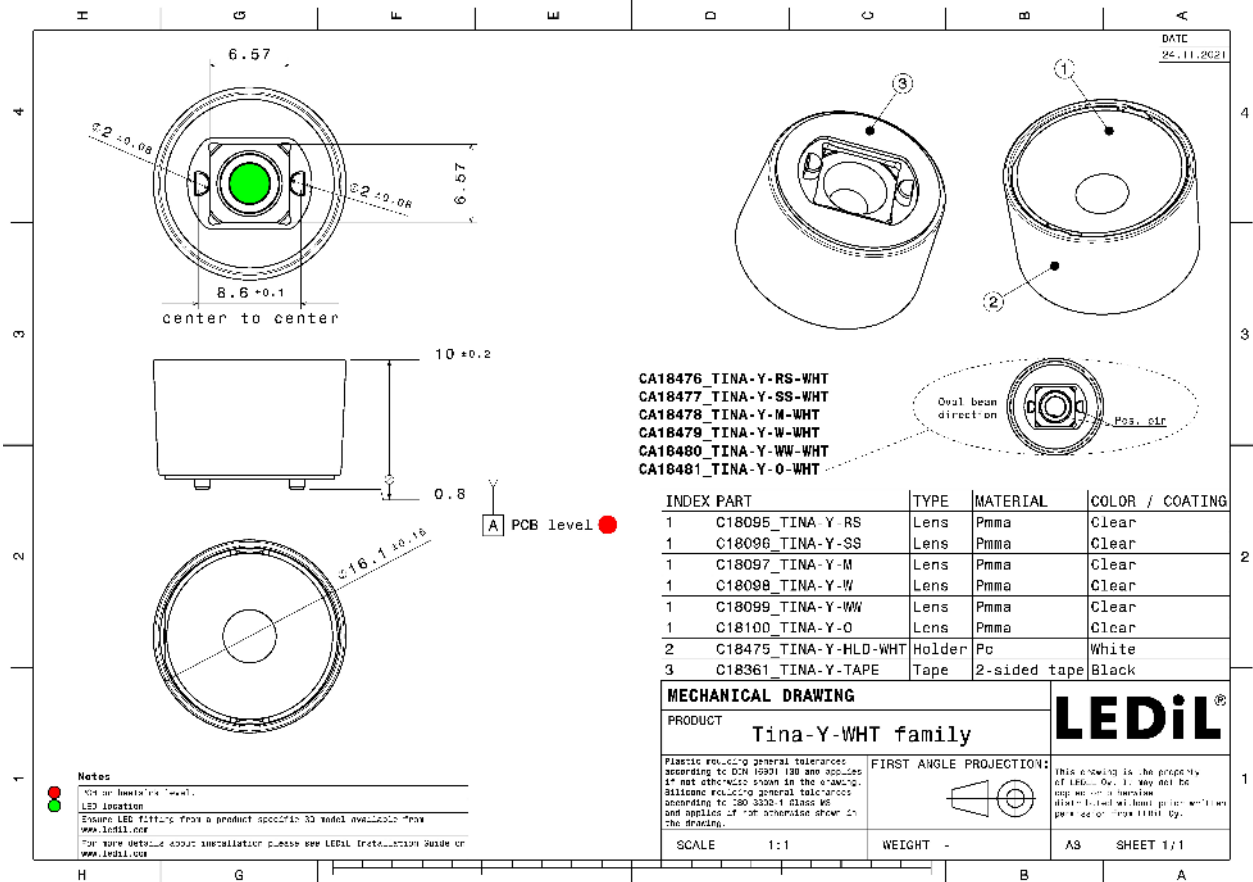
MATERIALS:

Component	Type	Material	Colour	Finish
TINA-Y-O	Single lens	PMMA	clear	gloss
TINA-Y-HLD-WHT	Holder	PC	white	
TINA-Y-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:


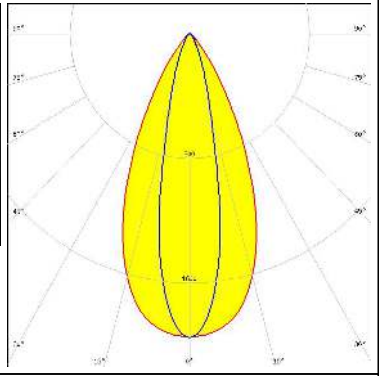

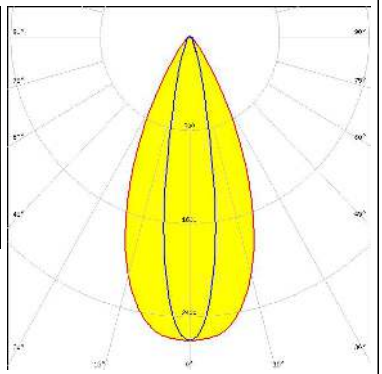
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18481_TINA-Y-O-WHT » Box size: 476 x 273 x 197 mm	3900	300	300	6.5



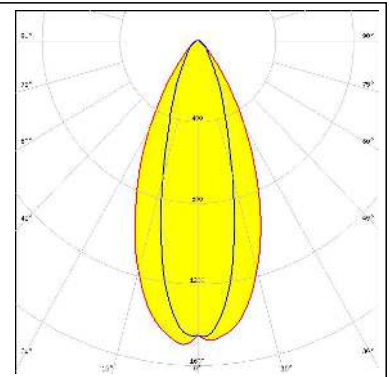
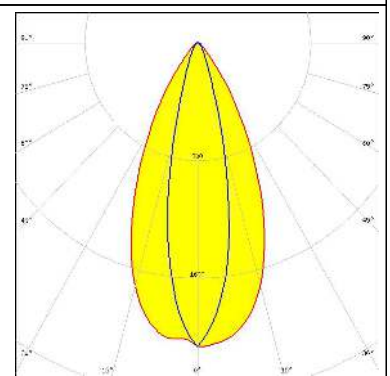
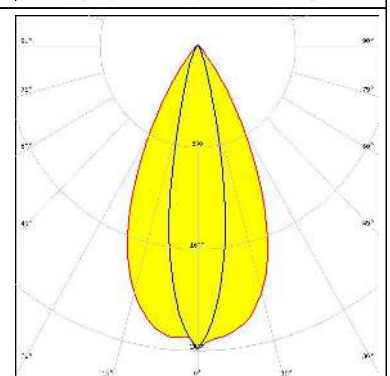
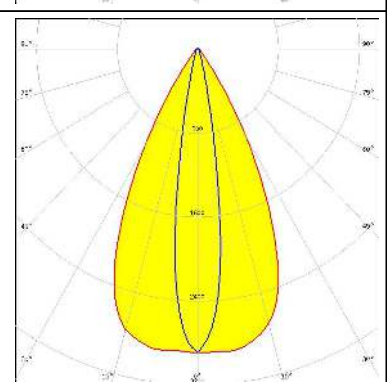


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED: XP-G3 FWHM / FWTM: 49.0 + 23.0° / 78.0 + 48.0° Efficiency: 82 % Peak intensity: 2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NVSW719AC FWHM / FWTM: 47.0 + 20.0° / 74.0 + 40.0° Efficiency: 91 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

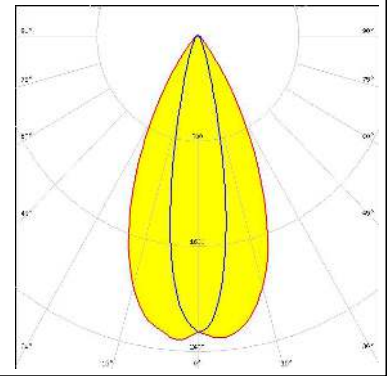
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 48.0 + 28.0° / 83.0 + 65.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON HL2X</p> <p>FWHM / FWTM 50.0 + 23.0° / 79.0 + 45.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 50.0 + 22.0° / 76.0 + 41.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 150</p> <p>FWHM / FWTM 53.0 + 16.0° / 72.0 + 30.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351B
FWHM / FWTM	50.0 + 22.0° / 76.0 + 42.0°
Efficiency	92 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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:

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