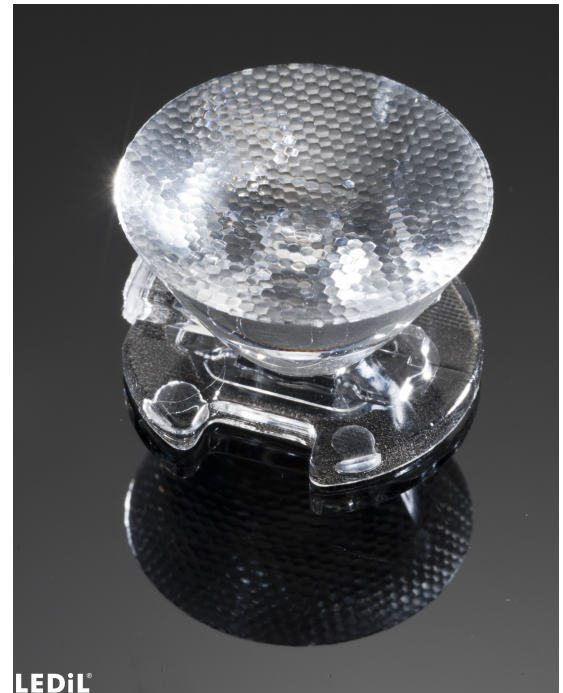


TITANUM-O-SS

~9° smooth spot beam. Assembly with tape.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	14.8 mm
Fastening	tape
ROHS compliant	yes ⓘ

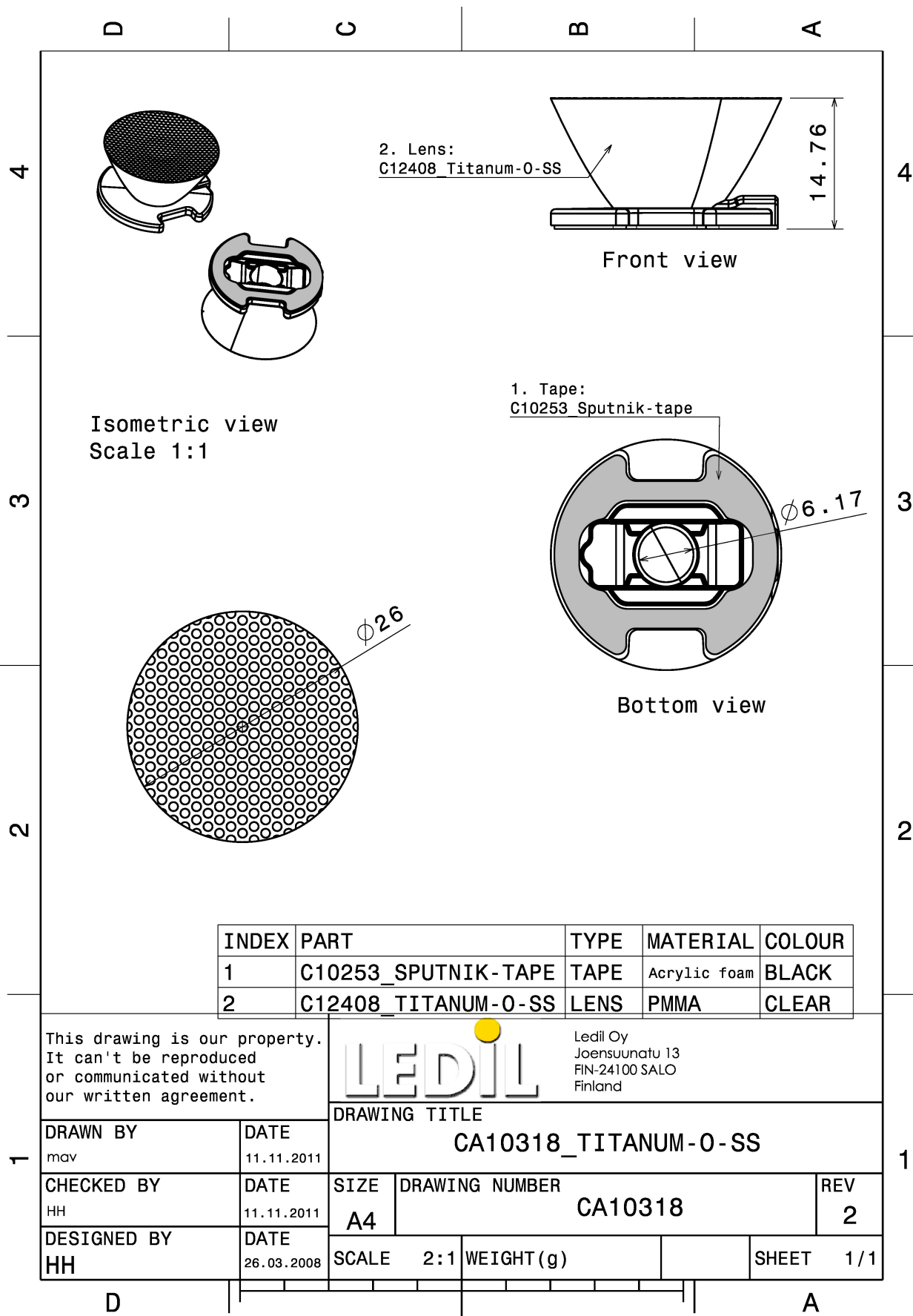


MATERIALS:

Component	Type	Material	Colour	Finish	Length
TITANUM-O-SS	Single lens	PMMA	clear		26.0
SPUTNIK-TAPE	Tape	Acrylic foam	black		25.0

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA10318_TITANUM-O-SS	Single lens	1001	308	77	7.0
» Box size: 480 x 280 x 300 mm					



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

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED Golden Dragon+
FWHM / FWTM 8.0° / 18.0°
Efficiency 87 %
Peak intensity 21.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)**OSRAM**
Opto Semiconductors

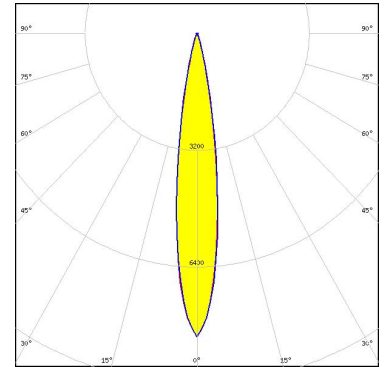
LED Platinum Dragon
FWHM / FWTM 9.0° / 19.0°
Efficiency 91 %
Peak intensity 21.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):



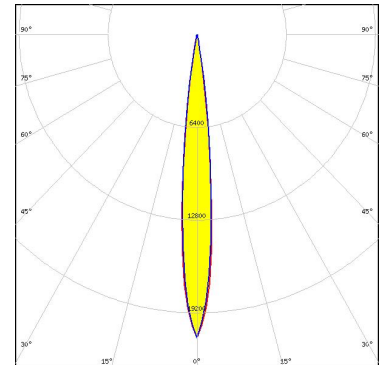
LED XHP35.2 HD
FWHM / FWTM 16.0° / 30.0°
Efficiency 88 %
Peak intensity 8.3 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



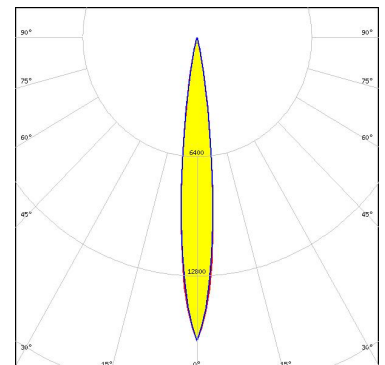
LED XP-E2
FWHM / FWTM 11.0° / 20.0°
Efficiency 93 %
Peak intensity 20.9 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON HL2X
FWHM / FWTM 12.0° / 23.0°
Efficiency 94 %
Peak intensity 16.3 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

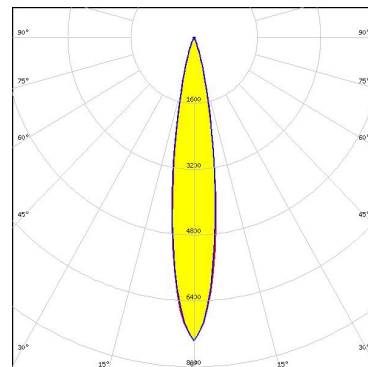


Light distribution files

OPTICAL RESULTS (SIMULATED):



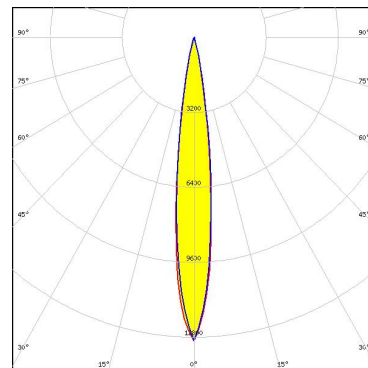
LED NFMW48xA
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 89 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z5M4
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 93 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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