

JULIA-A

~90° 160° wide beam. Assembly with installation tape.

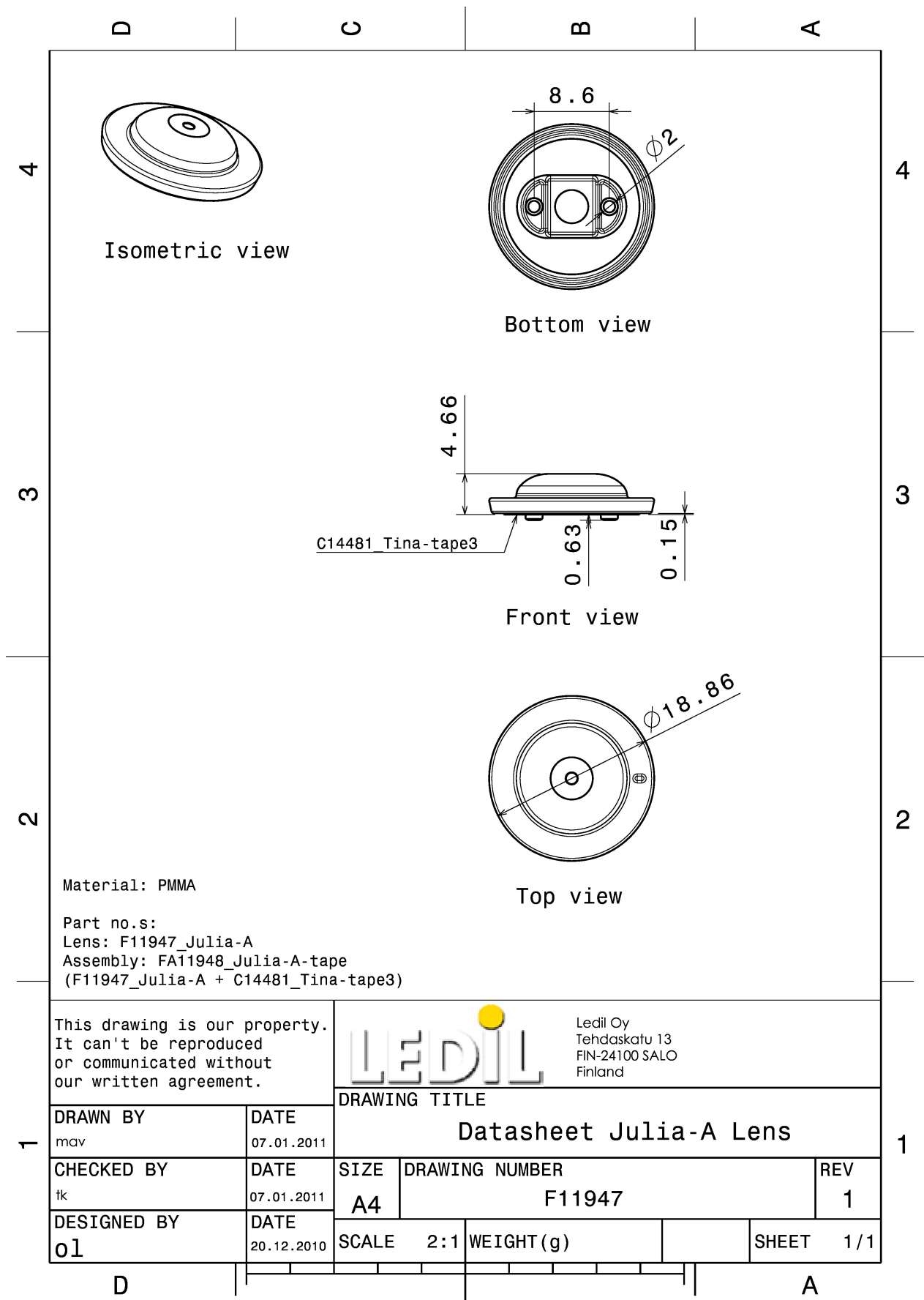
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 18.8 mm
Height	4.8 mm
Fastening	tape, pin
Colour	clear
Box size	
Box weight	3.7 kg
Quantity in Box	2850 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
JULIA-A	Lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

CREE

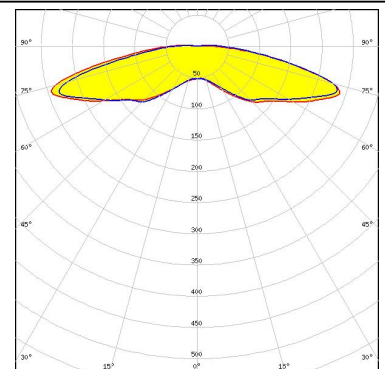
LED XP-E
FWHM 164.0°
Efficiency 90 %
Peak intensity 0.240 cd/lm
Required components:

CREE

LED XP-G
FWHM 166.0°
Efficiency 90 %
Peak intensity 0.210 cd/lm
Required components:

CREE

LED XP-G3
FWHM 166.0°
Efficiency 85 %
Peak intensity 0.240 cd/lm
Required components:



LUMILEDS

LED LUXEON Rebel
FWHM 154.0°
Efficiency 90 %
Peak intensity 0.260 cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
FWHM 163.0°
Efficiency 90 %
Peak intensity 0.240 cd/lm
Required components:

NICHIA

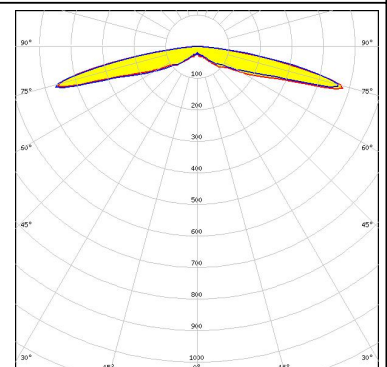
LED NCSxx19A
FWHM 156.0°
Efficiency 90 %
Peak intensity 0.240 cd/lm
Required components:

NICHIA

LED NVSxx19A
FWHM 159.0°
Efficiency 90 %
Peak intensity 0.240 cd/lm
Required components:

OSRAM Opto Semiconductors

LED Oslon SSL 150
FWHM 159.0°
Efficiency 90 %
Peak intensity 0.300 cd/lm
Required components:



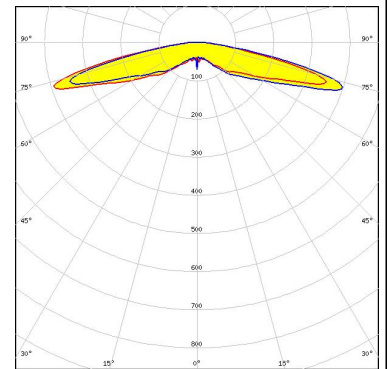
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 158.0°
Efficiency 90 %
Peak intensity 0.200 cd/lm
Required components:

SEOL
SEOUL SEMICONDUCTOR

LED Z5
FWHM 160.0°
Efficiency 86 %
Peak intensity 0.240 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

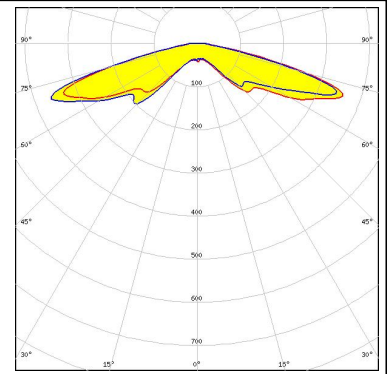
LED J Series 3030

FWHM 153.0°

Efficiency 93 %

Peak intensity 0.370 cd/lm

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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