

IRIS

~5° real spot beam optimized for CREE XM-L. Assembly with holder and installation tape.

SPECIFICATION:



Component	Туре
IRIS	Single lens
IRIS-XM-HLD	Holder
SPUTNIK-TAPE	Tape

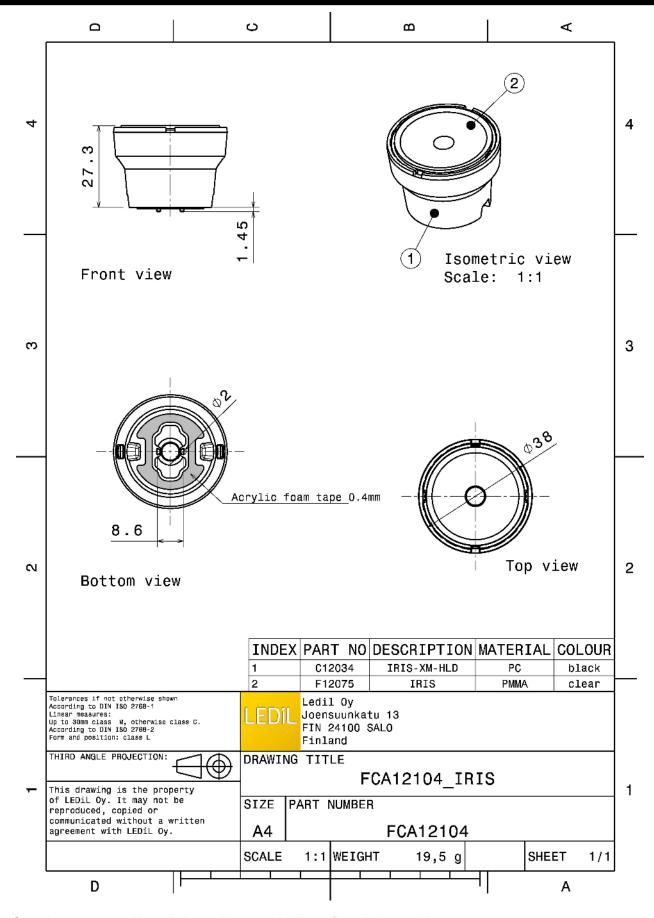


Material	Colour	Finish
PMMA	clear	
PC	black	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA12104_IRIS	Single lens	378	126	42	9.0
» Box size: 480 x 280 x 300 mm					

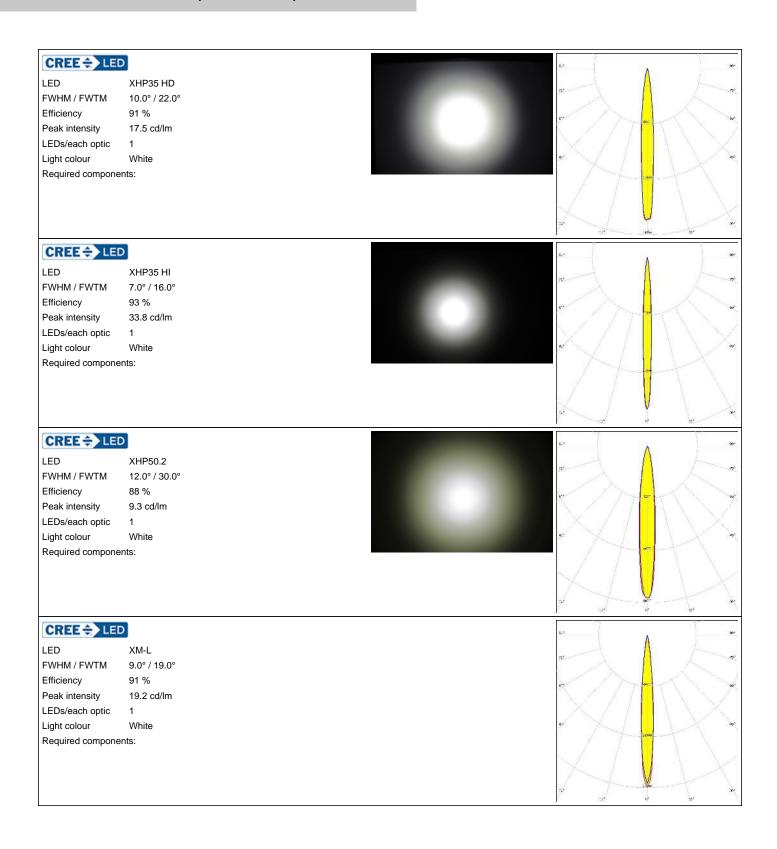




See also our general installation guide: www.ledil.com/installation_guide

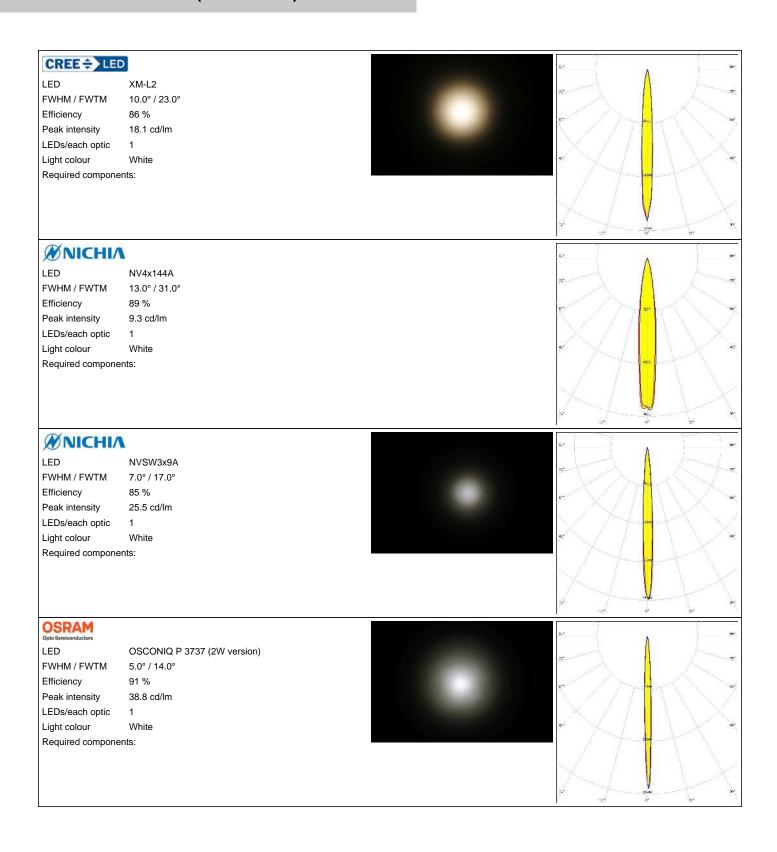


OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (SIMULATED):

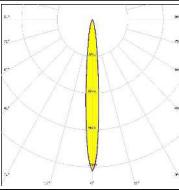
CREE . LED

LED J Series 5050B 6V K Class

White

FWHM / FWTM 10.0° / 26.0° Efficiency 92 % Peak intensity 13.2 cd/lm LEDs/each optic

Light colour Required components:

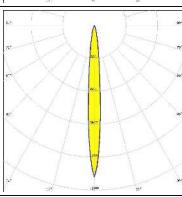


CREE - LED

LED J Series 5050C 6V E Class

FWHM / FWTM 10.0° / 25.0° Efficiency 92 % Peak intensity 14.8 cd/lm LEDs/each optic 1 White Light colour

Required components:



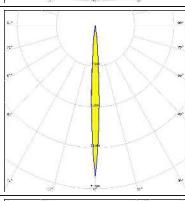
CREE \$\(\preceq\) LED

LED XD16 FWHM / FWTM 6.0° / 14.0° Efficiency 91 %

Peak intensity 47.7 cd/lm LEDs/each optic

Light colour White

Required components:

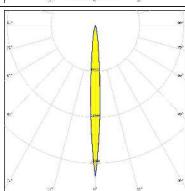


CREE - LED

XHP35.2 HD FWHM / FWTM 8.0° / 20.0° Efficiency 85 % 21.1 cd/lm

Peak intensity LEDs/each optic White Light colour

Required components:





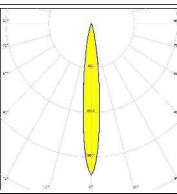
OPTICAL RESULTS (SIMULATED):



LED XHP50.3 HD FWHM / FWTM 13.0° / 28.0° Efficiency 89 % Peak intensity 10.9 cd/lm LEDs/each optic

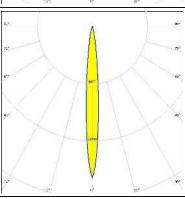
Light colour White

Required components:



CREE - LED

LED XHP50.3 HI FWHM / FWTM 10.0° / 22.0° Efficiency 96 % Peak intensity 17 cd/lm LEDs/each optic 1 White Light colour Required components:

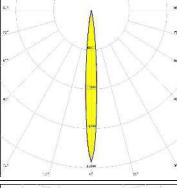


CREE \$\(\preceq\) LED

XP-L HD LED FWHM / FWTM 8.8° / 19.0° Efficiency 93 % Peak intensity 24.7 cd/lm LEDs/each optic Light colour White

Required components:



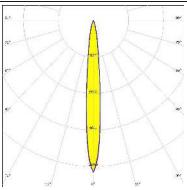


LUMILEDS

LED LUXEON 5050 Round LES

FWHM / FWTM 10.0° / 27.0° Efficiency 92 % Peak intensity 13.3 cd/lm LEDs/each optic White Light colour

Required components:





OPTICAL RESULTS (SIMULATED):

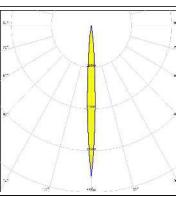


LED SFT-40-WCS
FWHM / FWTM 6.0° / 14.0°
Efficiency 94 %

Pook intensity 46.6 cd/l/m

Peak intensity 46.6 cd/lm LEDs/each optic 1

Light colour White Required components:



ELUMINUS

 LED
 SFT-70X-WCS

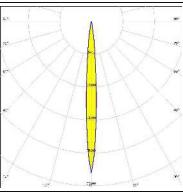
 FWHM / FWTM
 8.0° / 18.0°

 Efficiency
 94 %

 Peak intensity
 29.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:



ELUMINUS

 LED
 SST-70X-WCS

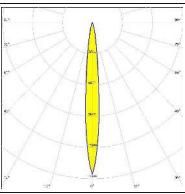
 FWHM / FWTM
 10.0° / 24.0°

 Efficiency
 92 %

 Peak intensity
 15.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:



OSRAM Opto Semiconductors

LED Duris S8
FWHM / FWTM 12.0° / 30.0°
Efficiency 92 %
Peak intensity 10.3 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:

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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