

CRYSTAL-MINE

~4.9° spot beam especially designed for mining headlamps

SPECIFICATION:

Dimensions Ø 46.8 mm
Height 27.4 mm
Fastening snaps
ROHS compliant yes ①



ComponentTypeMaterialColourFinishCRYSTAL-MINESingle lensPMMAclear

ORDERING INFORMATION:

Component

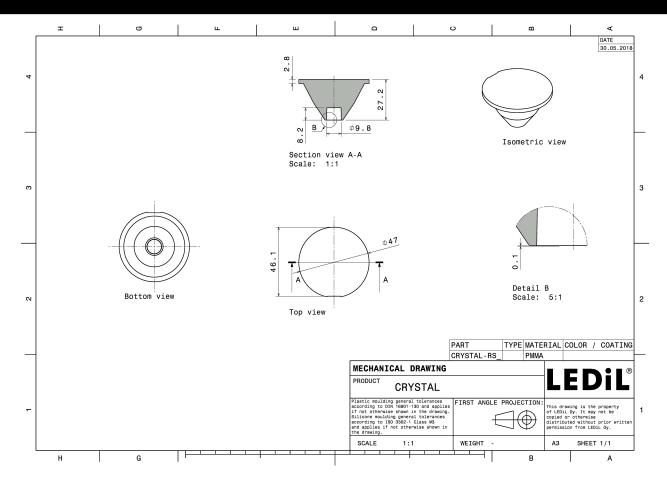
F12985_CRYSTAL-MINE

» Box size: 480 x 280 x 300 mm

Qty in box MOQ MPQ Box weight (kg) 288 64 32 7.1



PRODUCT DATASHEET F12985_CRYSTAL-MINE



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



OPTICAL RESULTS (MEASURED):

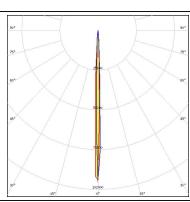
CREE -

LED XM-L2
FWHM / FWTM 6.9° / 15.0°
Efficiency 90 %
Peak intensity 35 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE \$

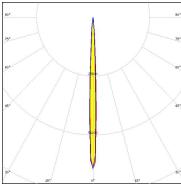
LED XP-E
FWHM / FWTM 3.0° / 7.9°
Efficiency 92 %
Peak intensity 96 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE -

LED XP-G
FWHM / FWTM 4.7° / 10.5°
Efficiency 90 %
Peak intensity 66.9 cd/lm
LEDs/each optic 1

Light colour White Required components:



CREE &

LED XP-G2
FWHM / FWTM 4.6° / 12.0°
Efficiency 90 %
Peak intensity 65.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:





OPTICAL RESULTS (MEASURED):

MUMILEDS

LED LUXEON A
FWHM / FWTM 4.9° / 13.0°
Efficiency 89 %
Peak intensity 58.2 cd/lm
LEDs/each optic 1
Light colour White



MUMILEDS

Required components:

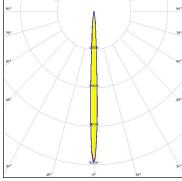
LED LUXEON T
FWHM / FWTM 4.9° / 13.0°
Efficiency 89 %
Peak intensity 55.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON TX
FWHM / FWTM 5.0° / 12.6°
Efficiency 94 %
Peak intensity 50.6 cd/lm
LEDs/each optic 1
Light colour White





WNICHIA

Required components:

Required components:

LED NCSxx19B
FWHM / FWTM 3.6° / 12.0°
Efficiency 90 %
Peak intensity 73.3 cd/lm
LEDs/each optic 1
Light colour White





OPTICAL RESULTS (MEASURED):

SAMSUNG

LED LH351B
FWHM / FWTM 5.1° / 13.0°
Efficiency 90 %
Peak intensity 51.8 cd/lm
LEDs/each optic 1
Light colour White



SAMSUNG

Required components:

LED LH351Z
FWHM/FWTM 4.2°/10.0°
Efficiency 90 %
Peak intensity 71.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:





OPTICAL RESULTS (SIMULATED):

