

ULLA-UP-D

~135° extra wide beam for uplighting

SPECIFICATION:

Dimensions	Ø 69.8
Height	17.9 mm
ROHS compliant	yes ⓘ

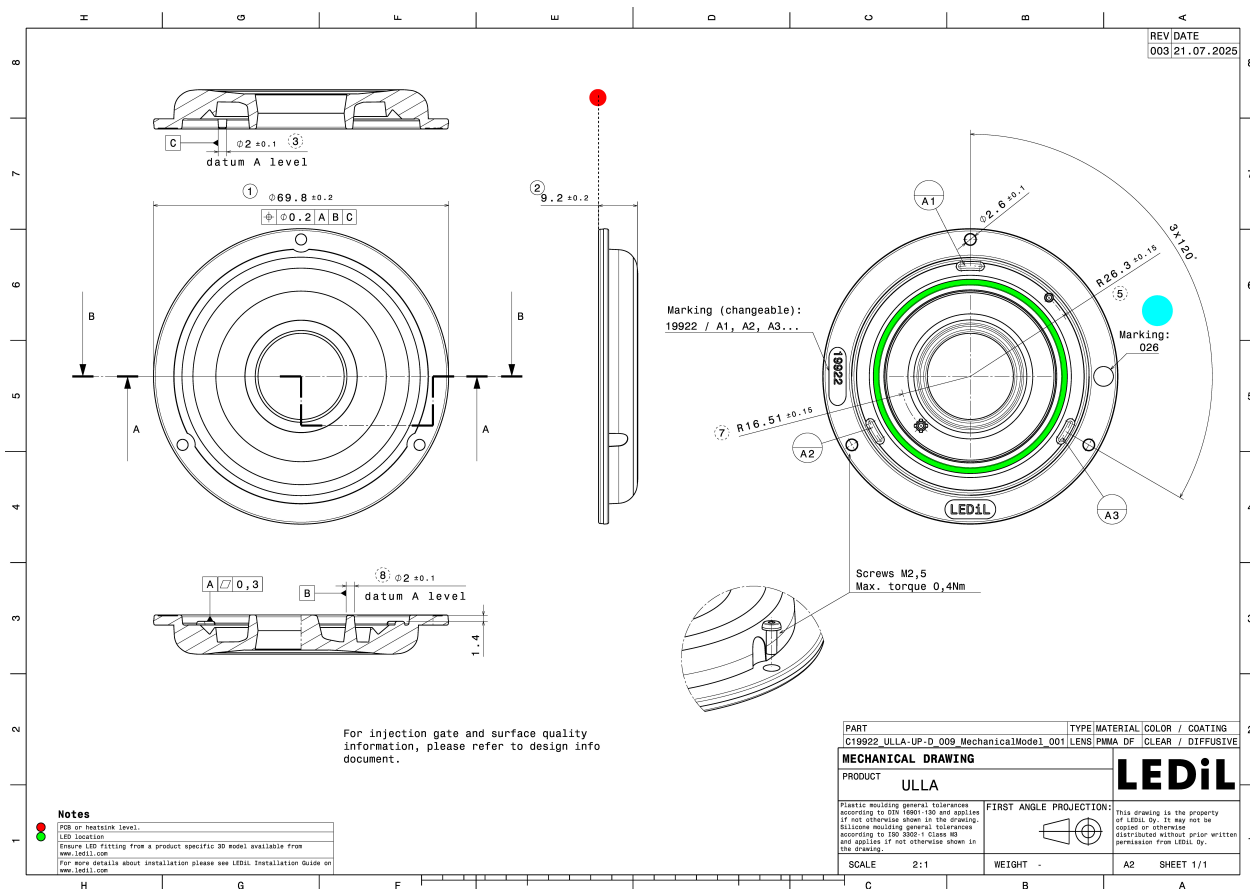
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
ULLA-UP-D	Single lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19922_ULLA-UP-D » Box size: 476 x 273 x 247 mm	360	120	120	6.9



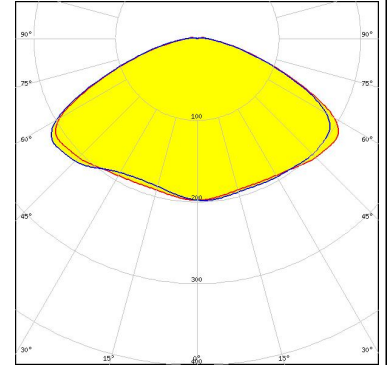


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



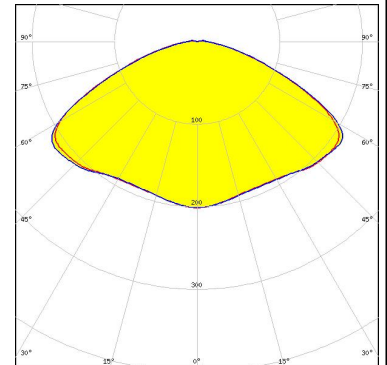
LED AM-D54-C12s2pBF-9XX
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



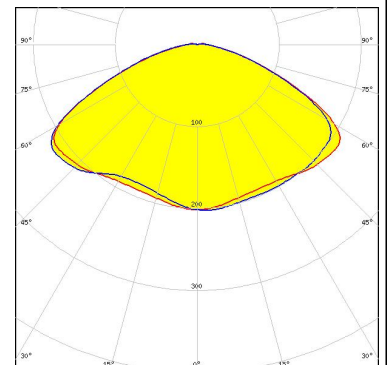
LED AM-D54-C12s2pBN-9XX
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED AM-D54-C12s2pCJ-9XX
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

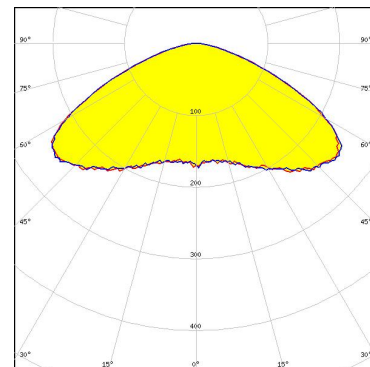


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	134.0° / 162.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	24
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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