

EVA-SS

~15° smooth spot beam. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 37.7 mm
Height	17.2 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

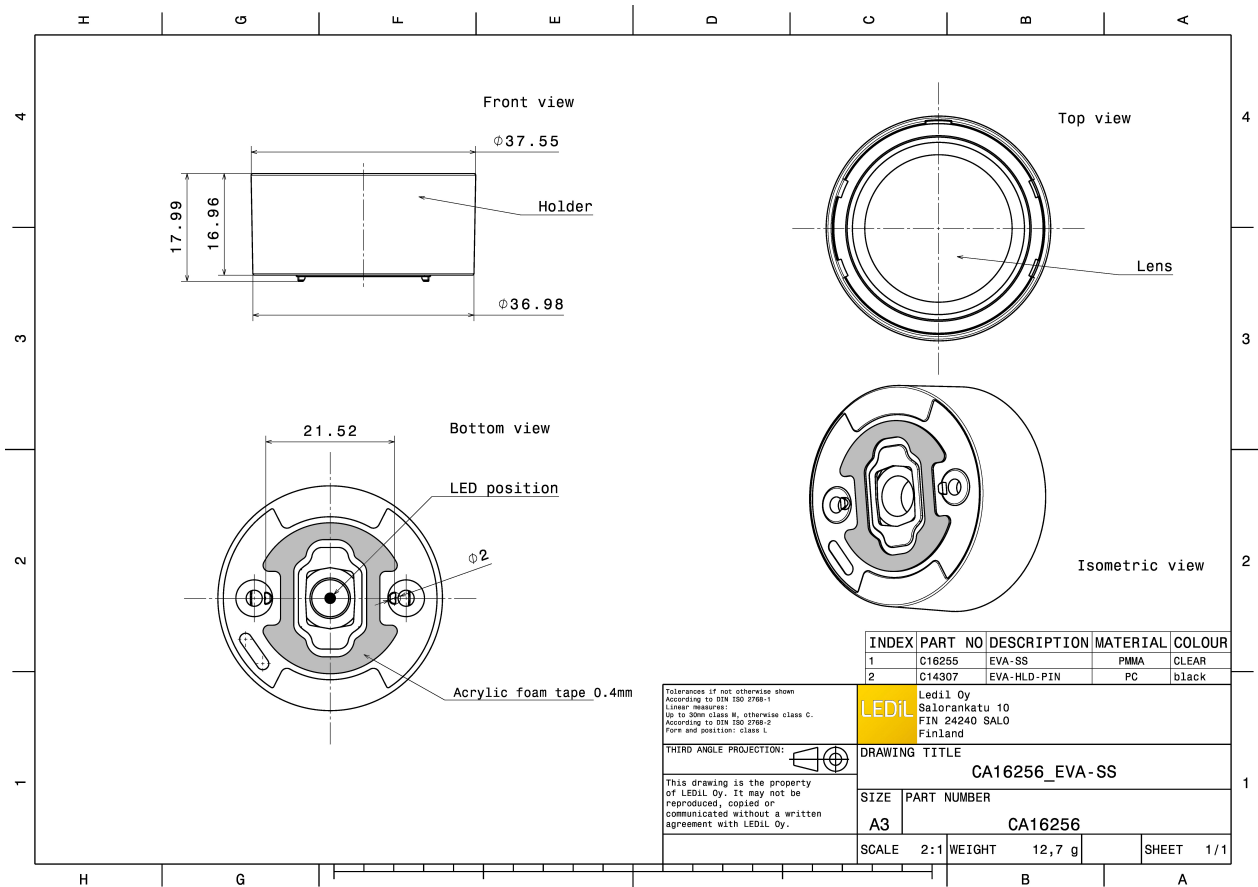


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
EVA-SS	Single lens	PMMA	clear		
EVA-HLD-PIN	Holder	PC	black		
SPUTNIK-TAPE3	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA16256_EVA-SS » Box size: 480 x 280 x 300 mm	675	90	45	10.0

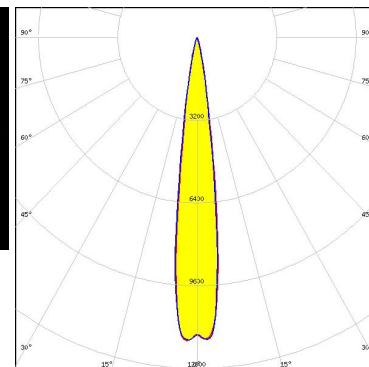


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



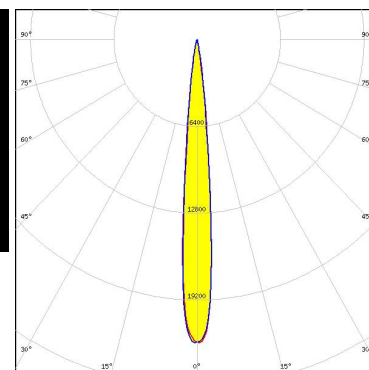
LED XHP35 HD
FWHM / FWTM 14.0° / 25.0°
Efficiency 92 %
Peak intensity 18 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



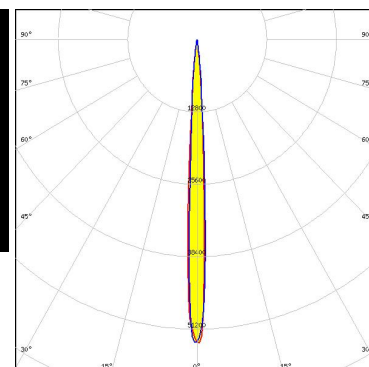
LED XHP35 HI
FWHM / FWTM 10.0° / 19.0°
Efficiency 93 %
Peak intensity 22 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-E
FWHM / FWTM 6.0° / 13.0°
Efficiency 93 %
Peak intensity 53.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

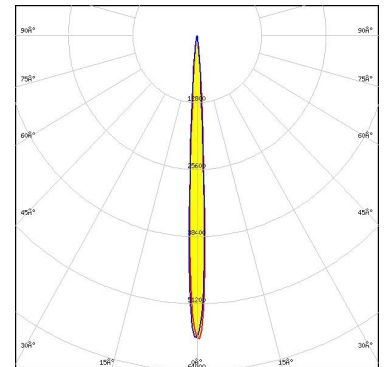


Light distribution files

OPTICAL RESULTS (MEASURED):



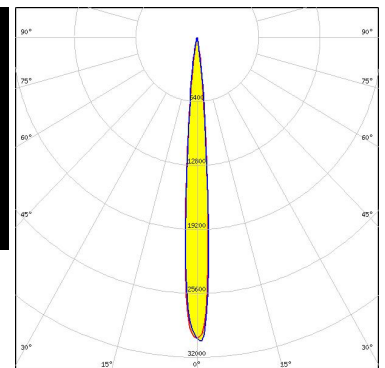
LED XP-E2
FWHM / FWTM 6.0° / 12.0°
Efficiency 92 %
Peak intensity 58.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



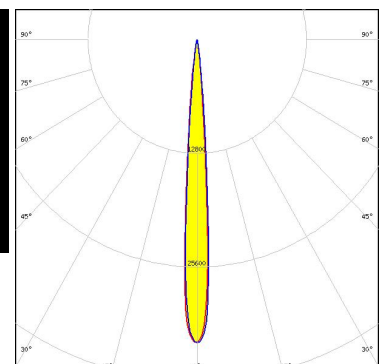
LED XP-G2
FWHM / FWTM 8.0° / 17.0°
Efficiency 93 %
Peak intensity 30 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L HI
FWHM / FWTM 8.0° / 15.0°
Efficiency 93 %
Peak intensity 34.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

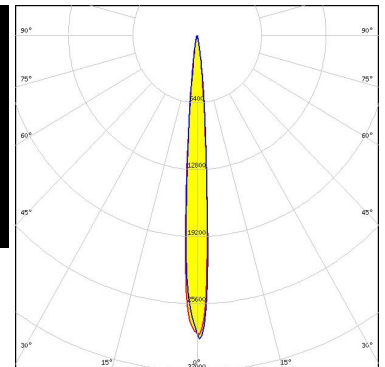
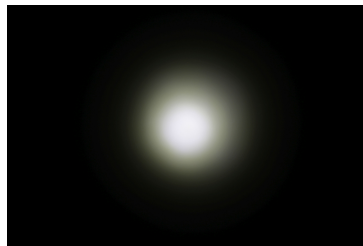


Light distribution files

OPTICAL RESULTS (MEASURED):



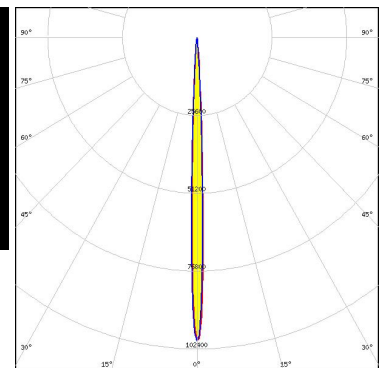
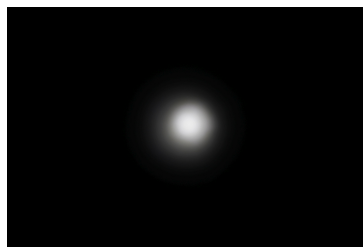
LED XT-E
FWHM / FWTM 8.0° / 17.0°
Efficiency 91 %
Peak intensity 29 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



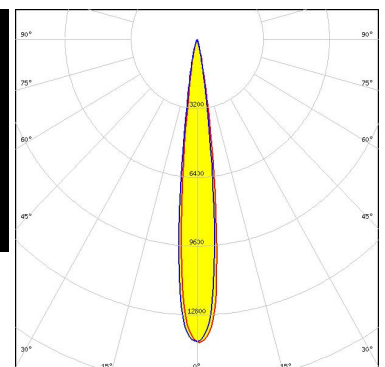
LED LUXEON CZ
FWHM / FWTM 4.0° / 9.0°
Efficiency 94 %
Peak intensity 99.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON V
FWHM / FWTM 13.0° / 23.0°
Efficiency 91 %
Peak intensity 14 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

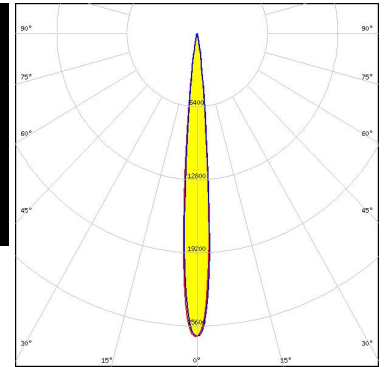


Light distribution files

OPTICAL RESULTS (MEASURED):



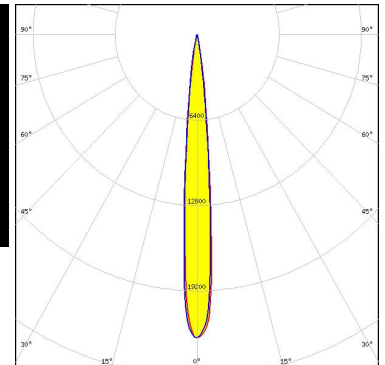
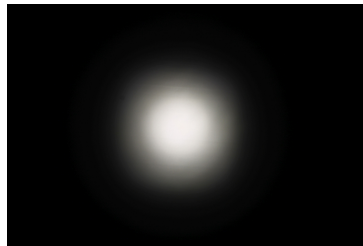
LED LUXEON V2
FWHM / FWTM 9.0° / 17.0°
Efficiency 92 %
Peak intensity 26.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



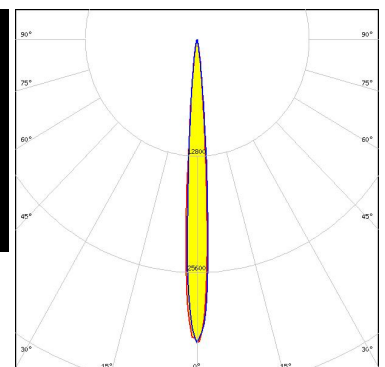
LED NVSW219F
FWHM / FWTM 10.0° / 19.0°
Efficiency 92 %
Peak intensity 22.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ P 3737 (2W version)
FWHM / FWTM 8.0° / 15.0°
Efficiency 94 %
Peak intensity 33.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

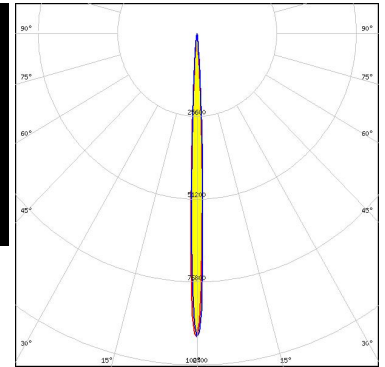
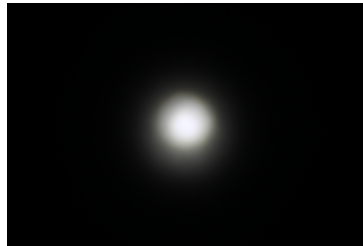


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

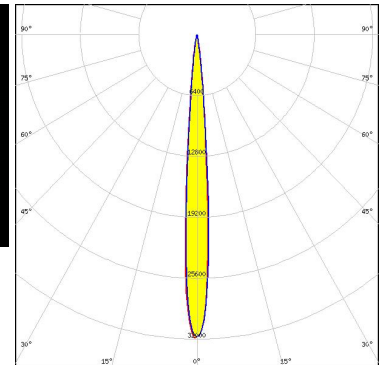
LED OSLON Black Flat (LUW HWQP)
FWHM / FWTM 4.0° / 9.0°
Efficiency 94 %
Peak intensity 94 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

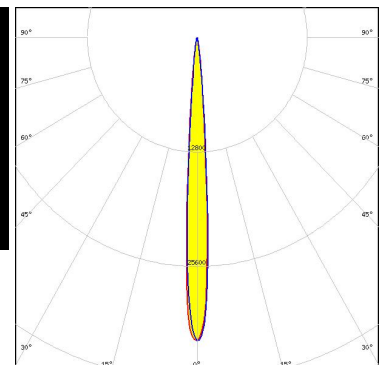
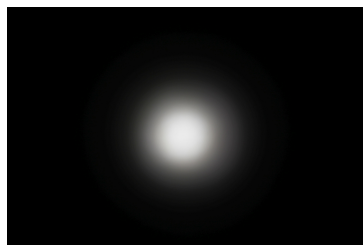
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 8.0° / 16.0°
Efficiency 92 %
Peak intensity 32 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 8.0° / 15.0°
Efficiency 91 %
Peak intensity 33.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

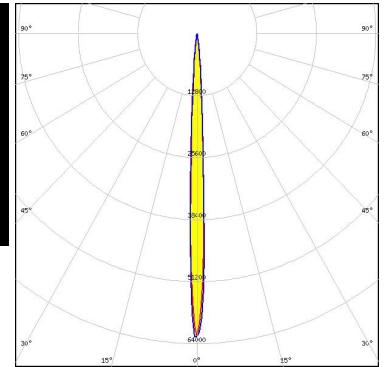
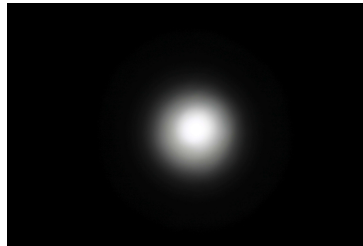


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

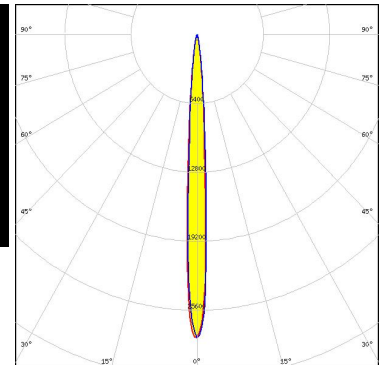
LED OSLON SSL 150
FWHM / FWTM 5.0° / 12.0°
Efficiency 93 %
Peak intensity 63 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

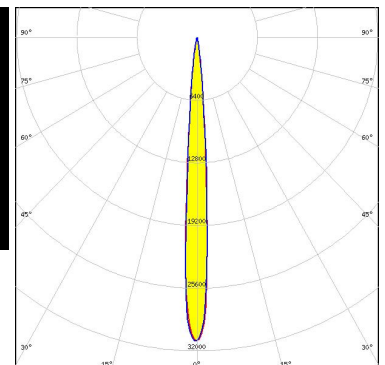
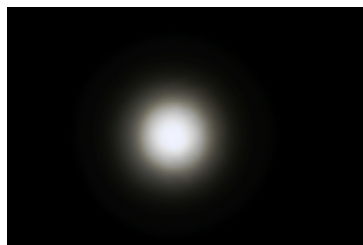
LED LH181A
FWHM / FWTM 7.0° / 16.0°
Efficiency 87 %
Peak intensity 28.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH181B
FWHM / FWTM 7.8° / 16.0°
Efficiency 92 %
Peak intensity 31 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

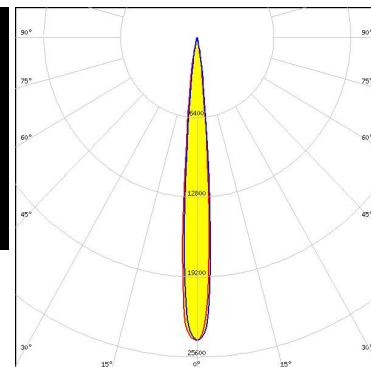
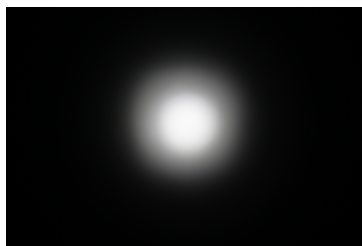


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

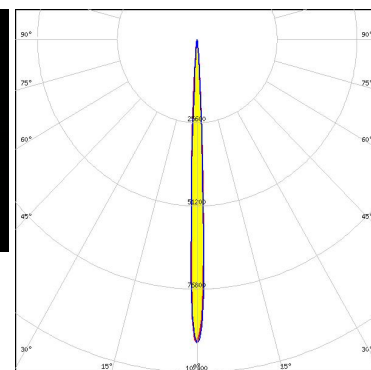
LED LH351B
FWHM / FWTM 10.0° / 18.0°
Efficiency 93 %
Peak intensity 24.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED nPola
FWHM / FWTM 5.0° / 9.0°
Efficiency 94 %
Peak intensity 94 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

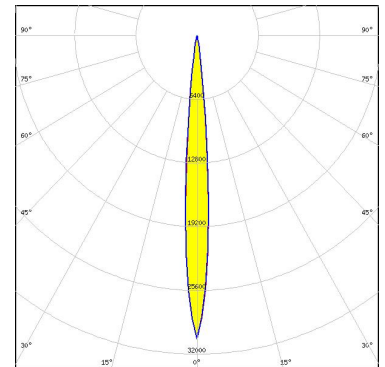


Light distribution files

OPTICAL RESULTS (SIMULATED):



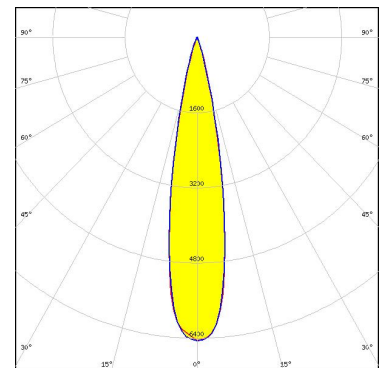
LED XE-G
FWHM / FWTM 8.0° / 16.0°
Efficiency 92 %
Peak intensity 30.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



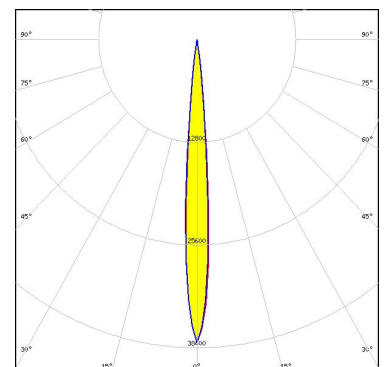
LED XHP50.2
FWHM / FWTM 20.0° / 34.0°
Efficiency 90 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-P
FWHM / FWTM 8.0° / 14.0°
Efficiency 94 %
Peak intensity 37.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

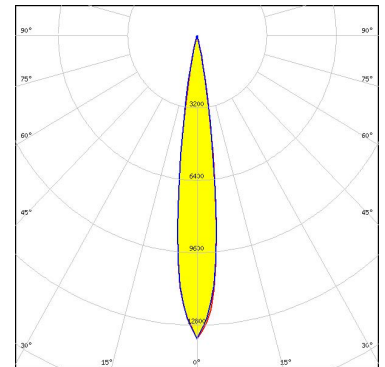


Light distribution files

OPTICAL RESULTS (SIMULATED):



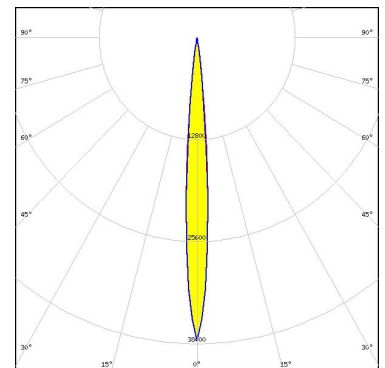
LED LUXEON MZ
FWHM / FWTM 14.0° / 24.0°
Efficiency 94 %
Peak intensity 13.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLO Pure 1414
FWHM / FWTM 8.0° / 16.0 + 15.0°
Efficiency 94 %
Peak intensity 38.1 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:

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