

IRIS-SCREW

~5° real spot beam with holder optimized for CREE XP-E. Assembly with screws.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	26.9 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

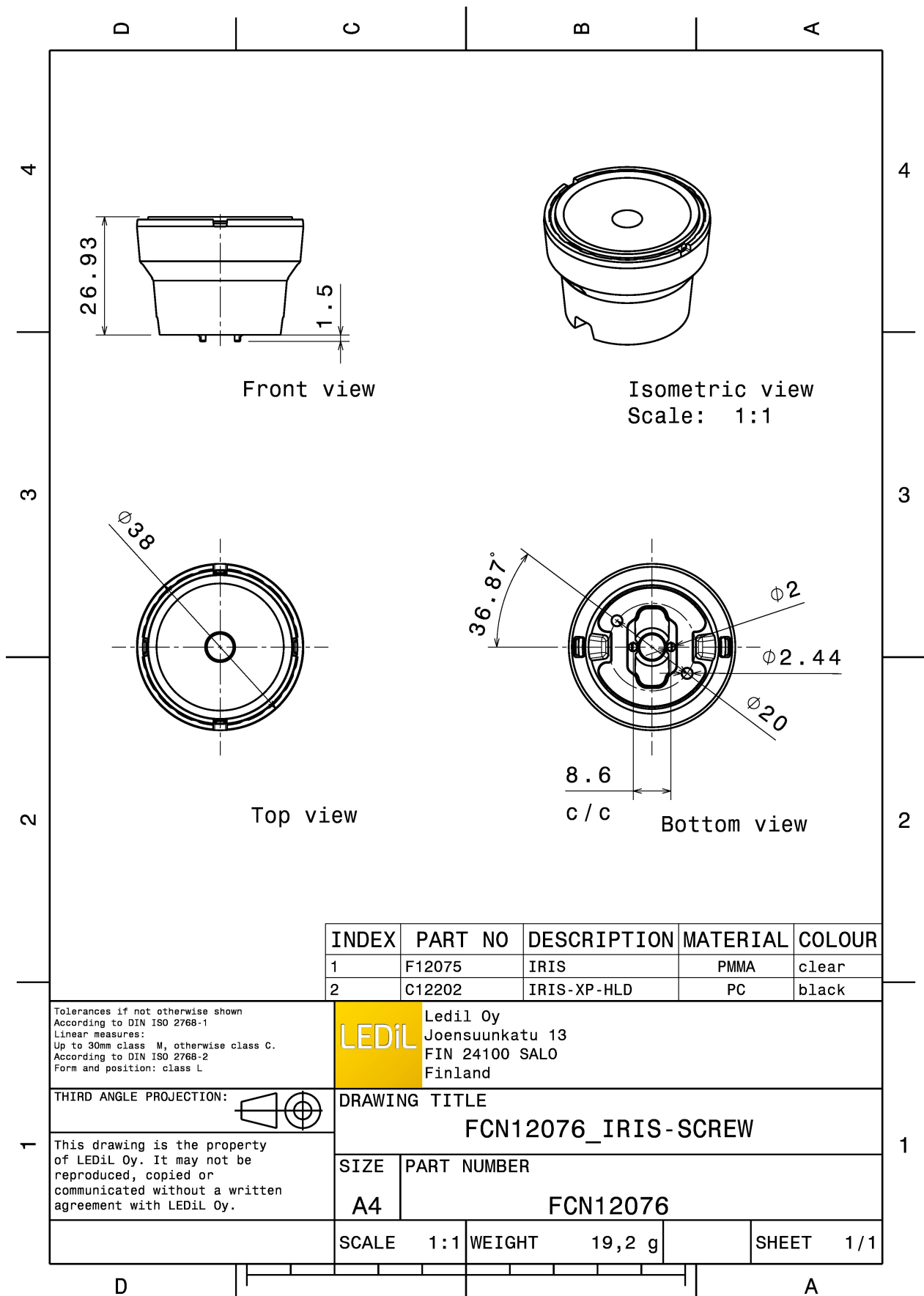
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-XP-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCN12076_IRIS-SCREW	Single lens	360		90	0.0
» Box size:					





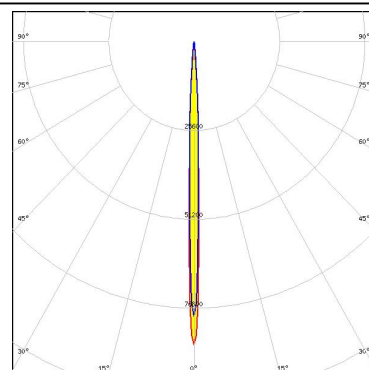
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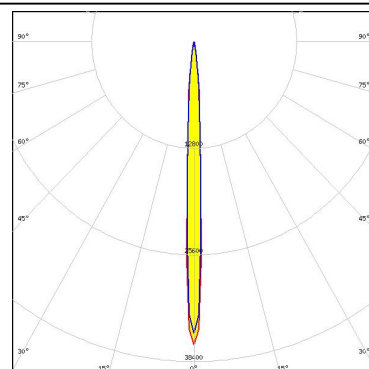
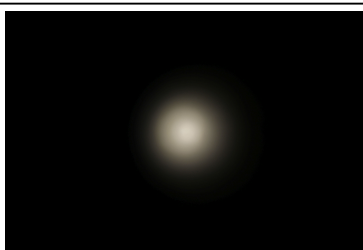
LED XHP35 HI
FWHM 7.6°
Efficiency 90 %
Peak intensity 35.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



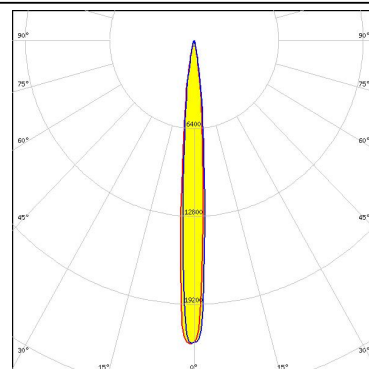
LED XP-E
FWHM 4.0°
Efficiency 93 %
Peak intensity 87.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 5.0°
Efficiency 93 %
Peak intensity 52 cd/lm
LEDs/each optic 1
Light colour White
Required components:



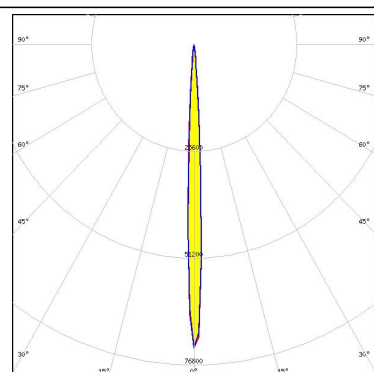
LED XP-L HD
FWHM 8.5°
Efficiency 93 %
Peak intensity 22.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

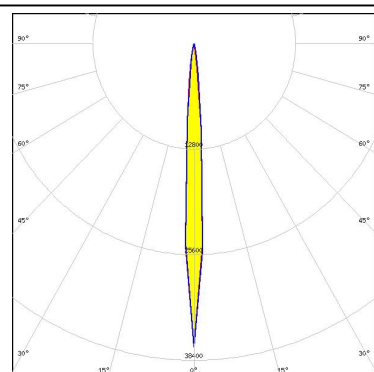
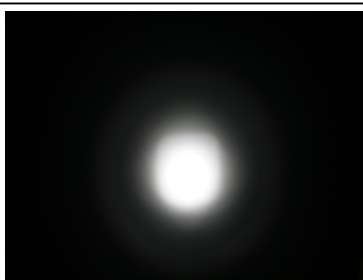
LUMILEDS

LED LUXEON Rebel
FWHM 5.0°
Efficiency 93 %
Peak intensity 75.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



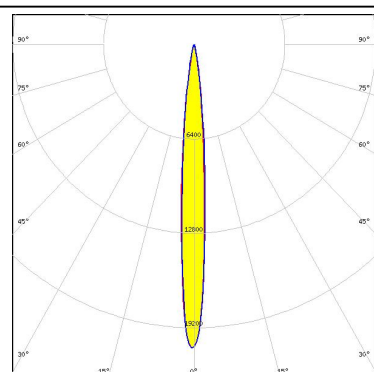
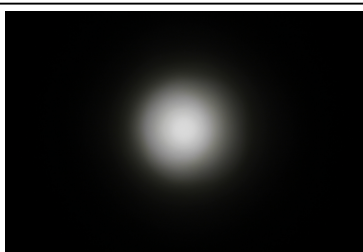
LUMILEDS

LED LUXEON Rebel ES
FWHM 7.0°
Efficiency 93 %
Peak intensity 38.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



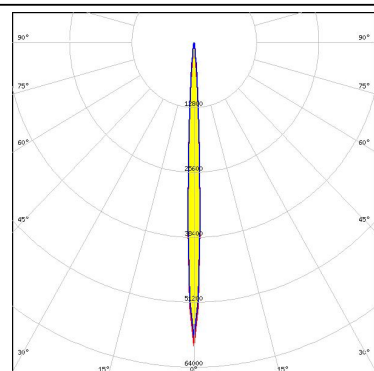
LUMILEDS

LED LUXEON V
FWHM 9.0°
Efficiency 92 %
Peak intensity 20.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



NICHIA

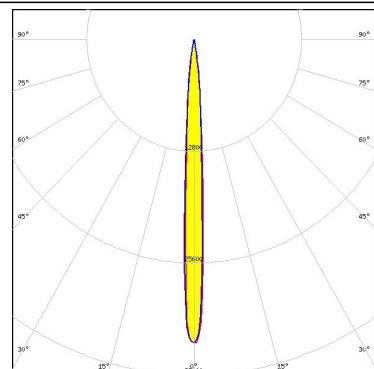
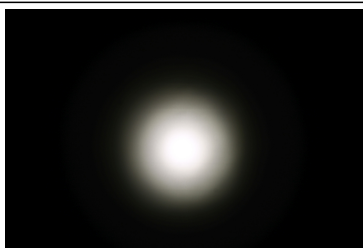
LED NCSxx19A
FWHM 5.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



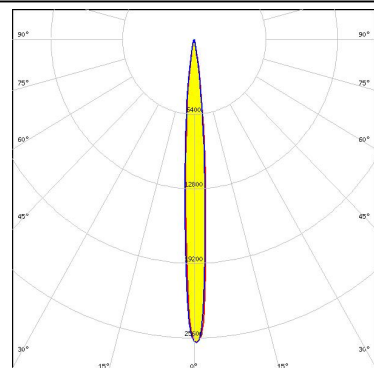
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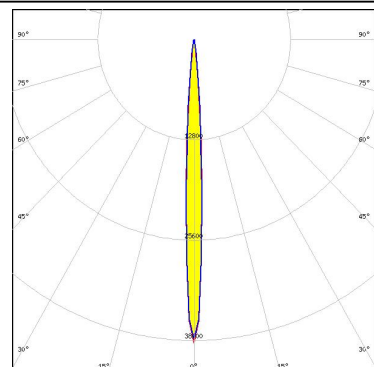
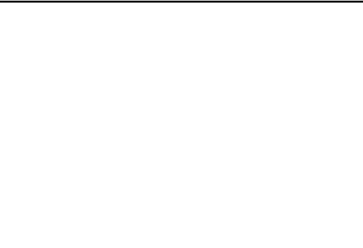
LED NVSW219F
FWHM 7.0°
Efficiency 93 %
Peak intensity 34.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



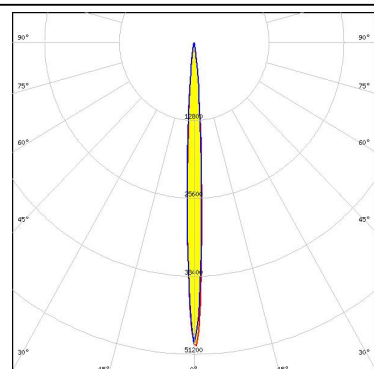
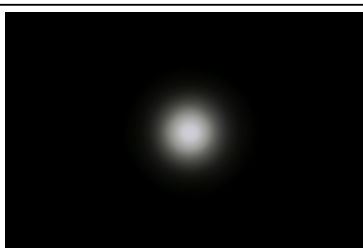
LED NVSW3x9A
FWHM 8.0°
Efficiency 90 %
Peak intensity 26.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM 6.0°
Efficiency 93 %
Peak intensity 38.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



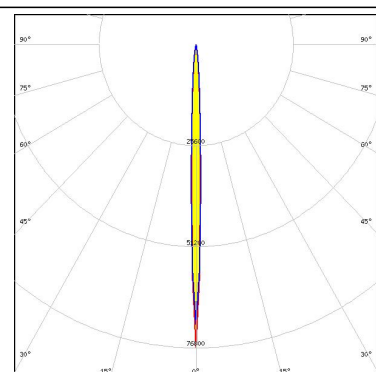
LED OSLON Square CSSRM2/CSSRM3
FWHM 6.0°
Efficiency 94 %
Peak intensity 49.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

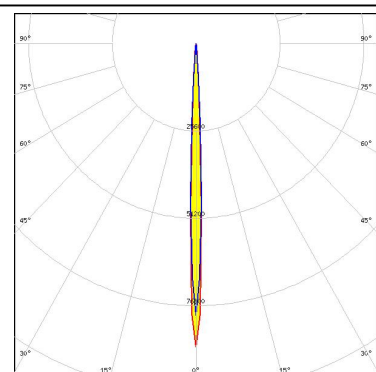
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 4.0°
Efficiency 93 %
Peak intensity 76.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

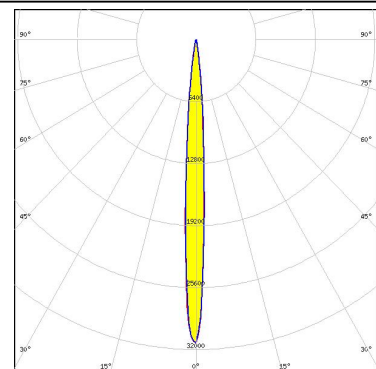
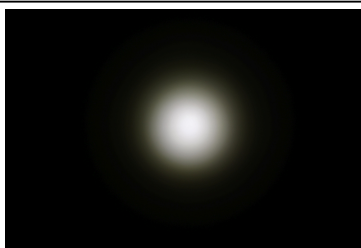
LED OSLON SSL 80
FWHM 4.0°
Efficiency 90 %
Peak intensity 89 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOL

SEOUL SEMICONDUCTOR

LED Z5M3
FWHM 7.0°
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

CREE 

CREE 

CREE 

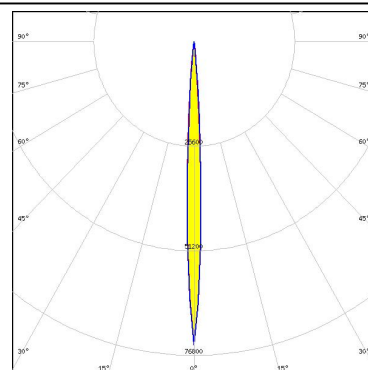
PHOTOMETRIC DATA (SIMULATED):



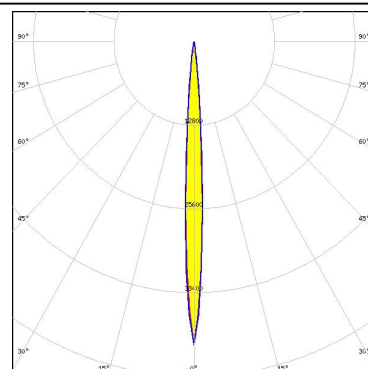
LED XQ-E HD
FWHM 5.0°
Efficiency 93 %
Peak intensity 80 cd/lm
LEDs/each optic 1
Light colour White
Required components:



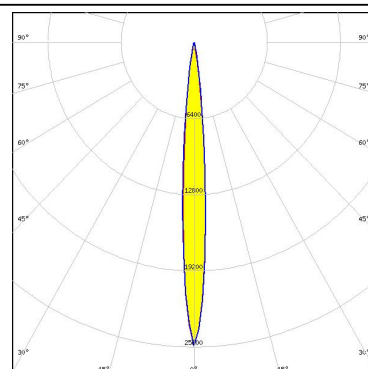
LED XQ-E HD
FWHM 5.5°
Efficiency 94 %
Peak intensity 74.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 (2W version)
FWHM 6.5°
Efficiency 94 %
Peak intensity 46.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



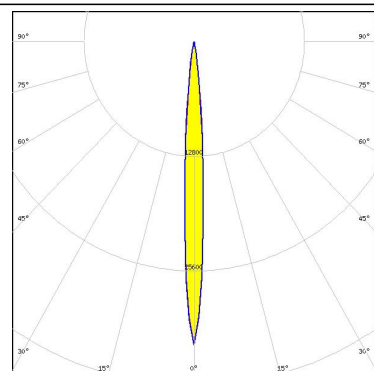
LED OSCONIQ P 3737 (3W version)
FWHM 9.0°
Efficiency 94 %
Peak intensity 25.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

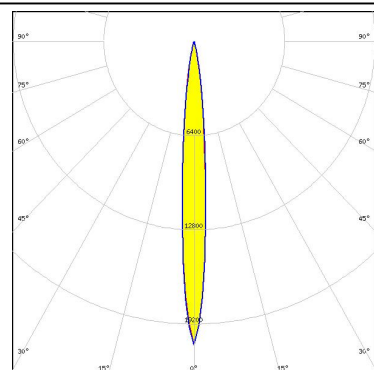
SAMSUNG

LED LH351B
FWHM 7.4°
Efficiency 94 %
Peak intensity 33.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



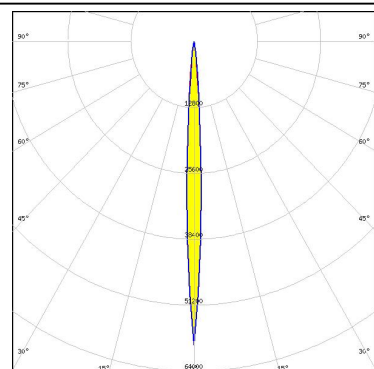
SAMSUNG

LED LH351D
FWHM 9.2°
Efficiency 90 %
Peak intensity 20.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



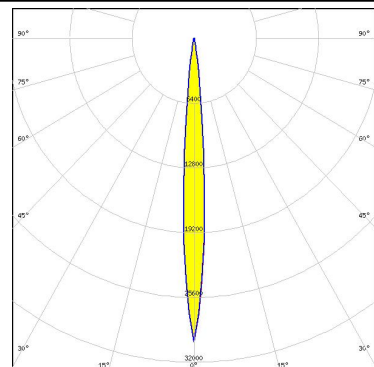
SAMSUNG

LED LM101B
FWHM 6.0°
Efficiency 92 %
Peak intensity 58.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 8.0°
Efficiency 98 %
Peak intensity 29.9 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:

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