

STRADELLA-16-T1-A-PC

Asymmetric IESNA Type I (short) beam designed for tilted poles. Suitable for Indian EESL specification. Variant made from PC.

SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	4.3 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

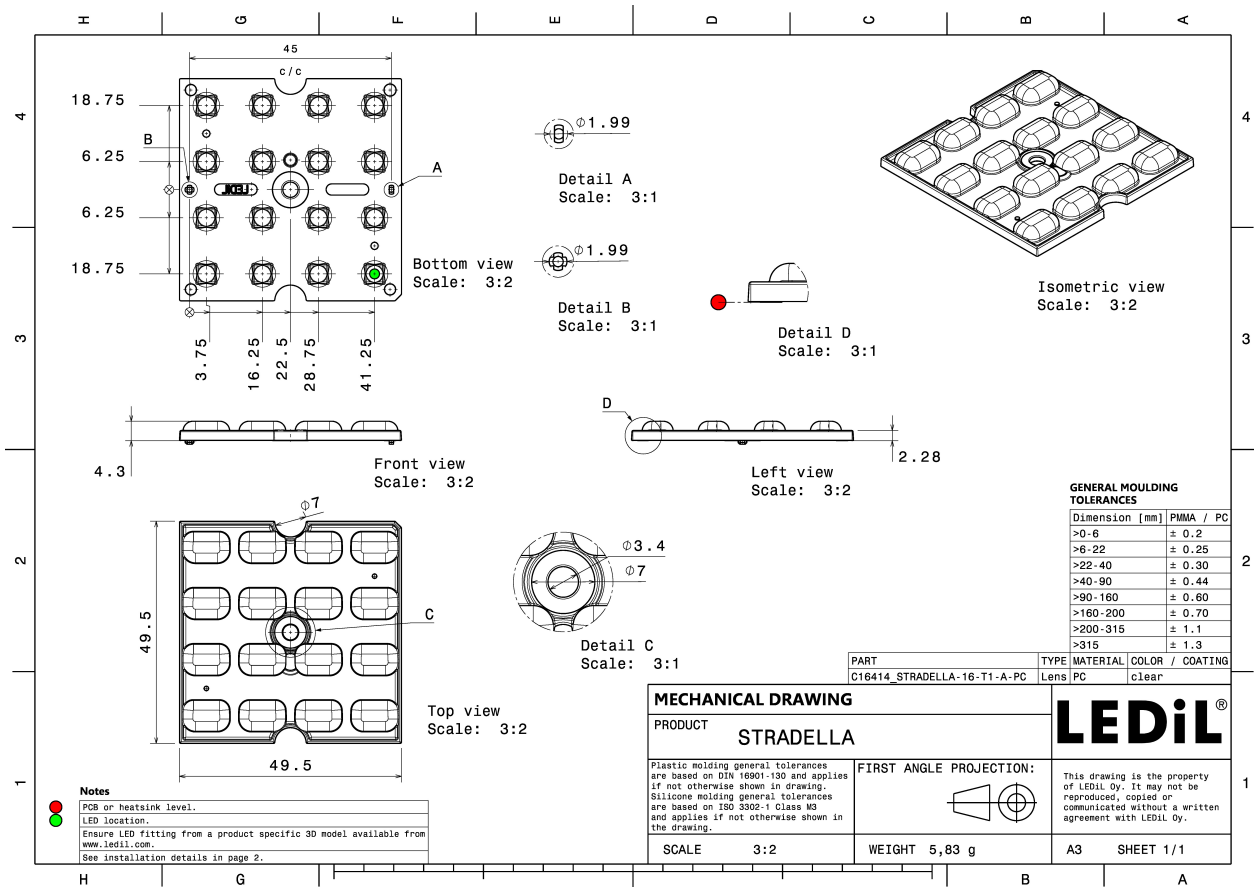


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-16-T1-A-PC	Multi-lens	PC	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16414_STRADELLA-16-T1-A-PC » Box size: 480 x 280 x 300 mm	800		160	5.5

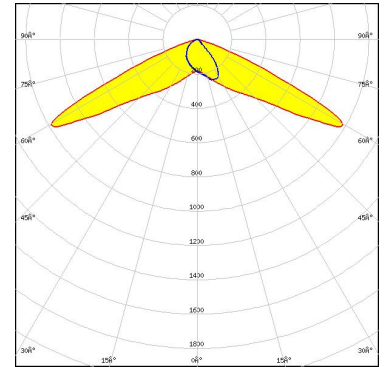


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



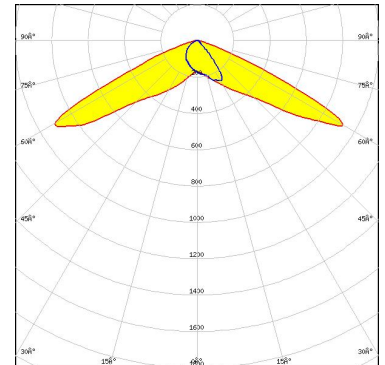
LED EHP-223.5x50-1604-xx-70-LS30-06-NTC
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



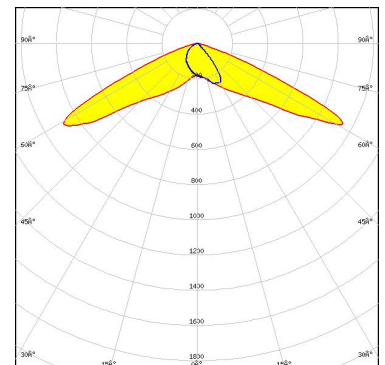
LED NFSx757D
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NFSx757G
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

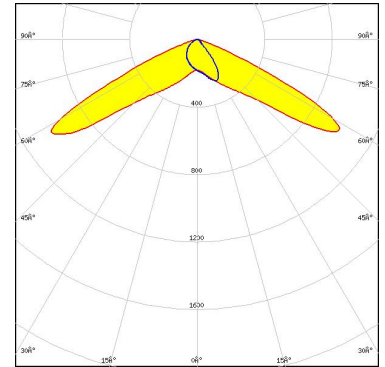


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

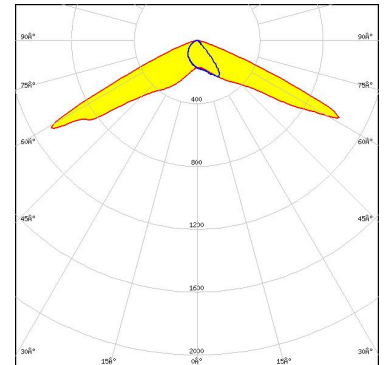
LED Duris S5 (2 chip)
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type Purple
Required components:



Light distribution files

OSRAM
Opto Semiconductors

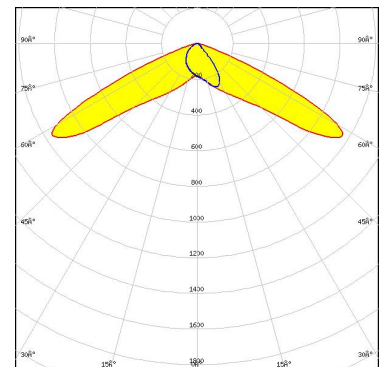
LED Duris S5 (Single chip)
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ S 3030 (QSLR31)
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

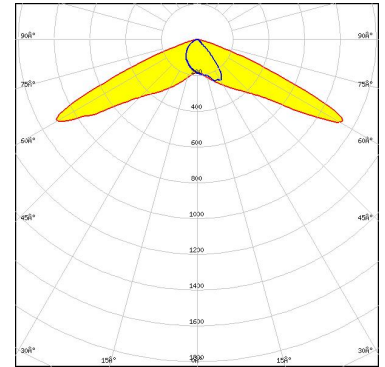


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

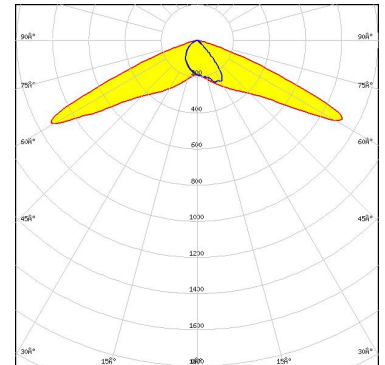
LED	Fortimo FastFlex LED 4x16 DHE G4
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

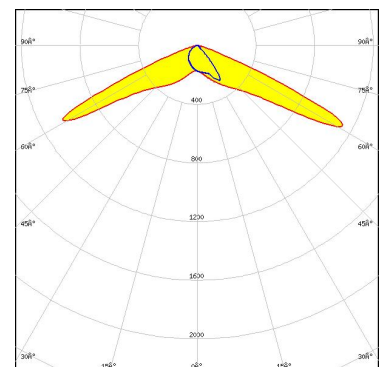
LED	HiLOM RM64 (LM301B)
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LM231 A/B
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

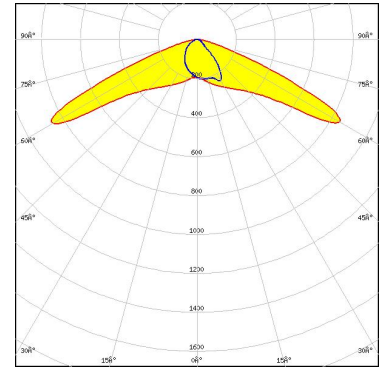


Light distribution files

OPTICAL RESULTS (MEASURED):



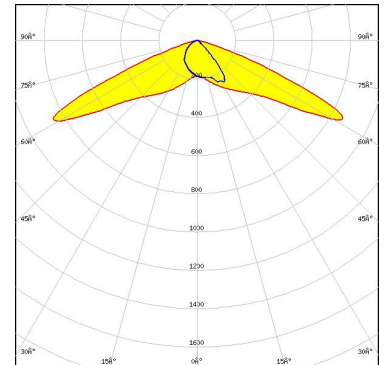
LED XLE-S44XTEHE (XT-E HE)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED RLE 4x16 4000lm MP ADV2 OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED RLE 4x8 2000lm MP ADV2 OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files

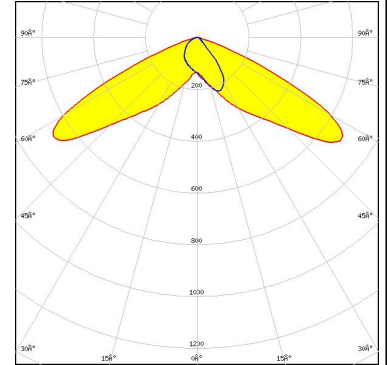
OPTICAL RESULTS (SIMULATED):



LED CSP 2727 (BXCP)
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

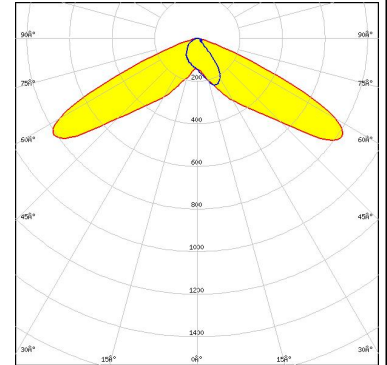
Protective plate, glass

Light distribution files



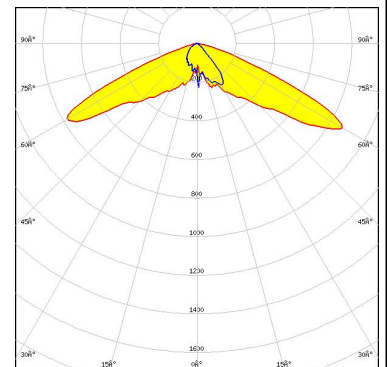
LED CSP 2727 (BXCP)
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



LED J Series 3030
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

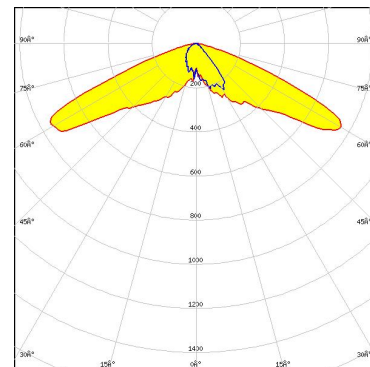
Light distribution files



OPTICAL RESULTS (SIMULATED):



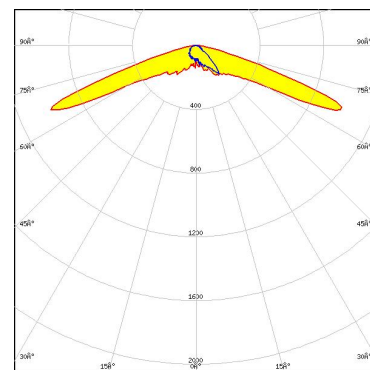
LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM Asymmetric
 Efficiency 0 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



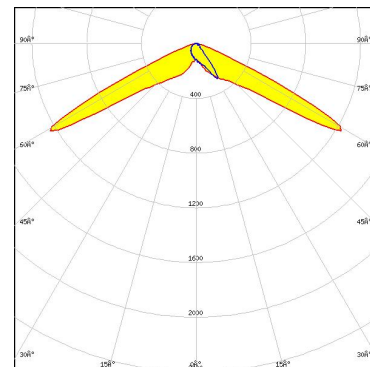
LED LUXEON C
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



LED NFSWE11A
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



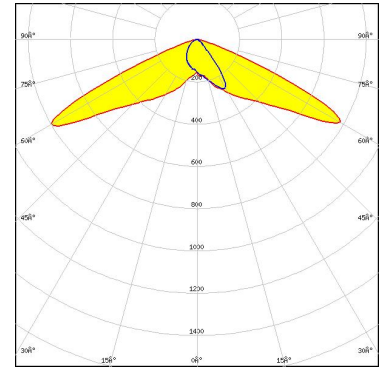
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED Duris S5 (Single chip)
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

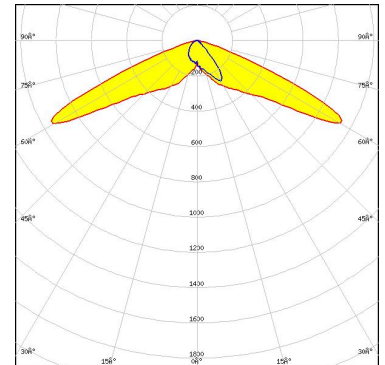
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

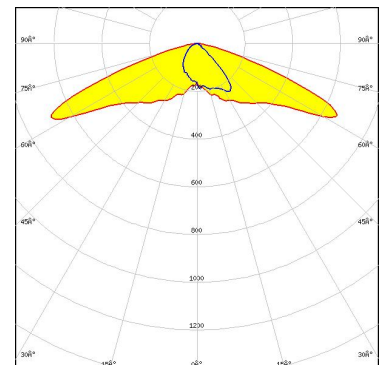
LED OSCONIQ C 2424
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

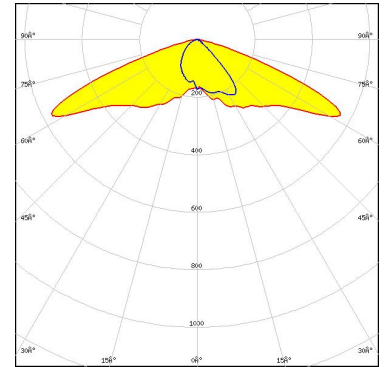
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

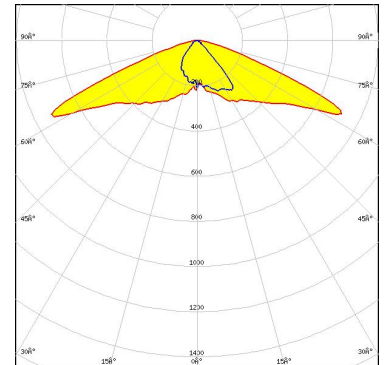
Light distribution files



OSRAM
Opto Semiconductors

LED OSLON Square PC
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

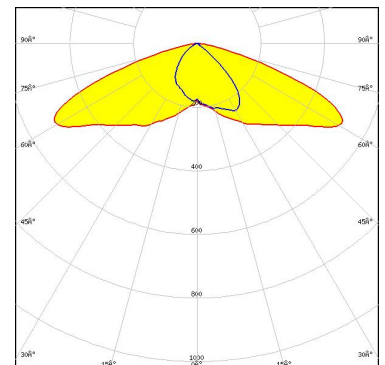
Light distribution files



SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



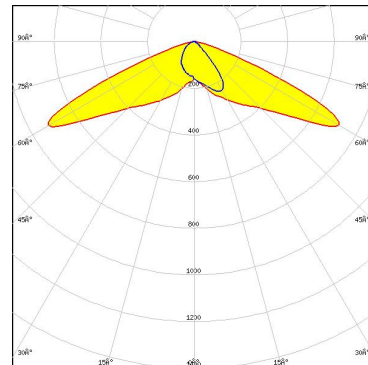
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files

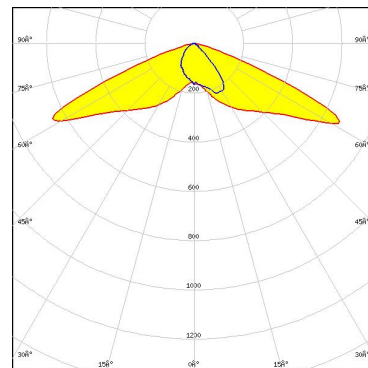


SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

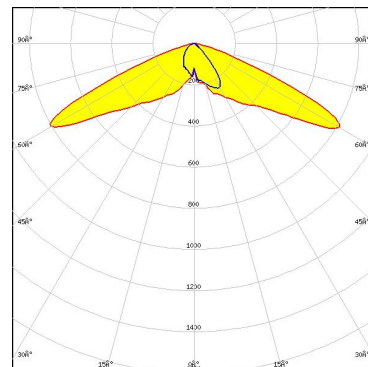
Light distribution files



SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

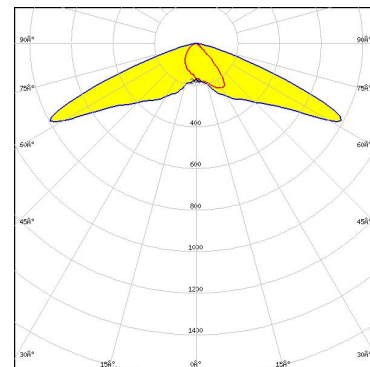
Light distribution files



OPTICAL RESULTS (SIMULATED):



LED: SEOUL DC 3030C
 FWHM / FWTM: Asymmetric
 Efficiency: 92 %
 Peak intensity: 0.8 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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