STRADELLA-HB-S

~25° spot beam for industrial applications

SPECIFICATION:

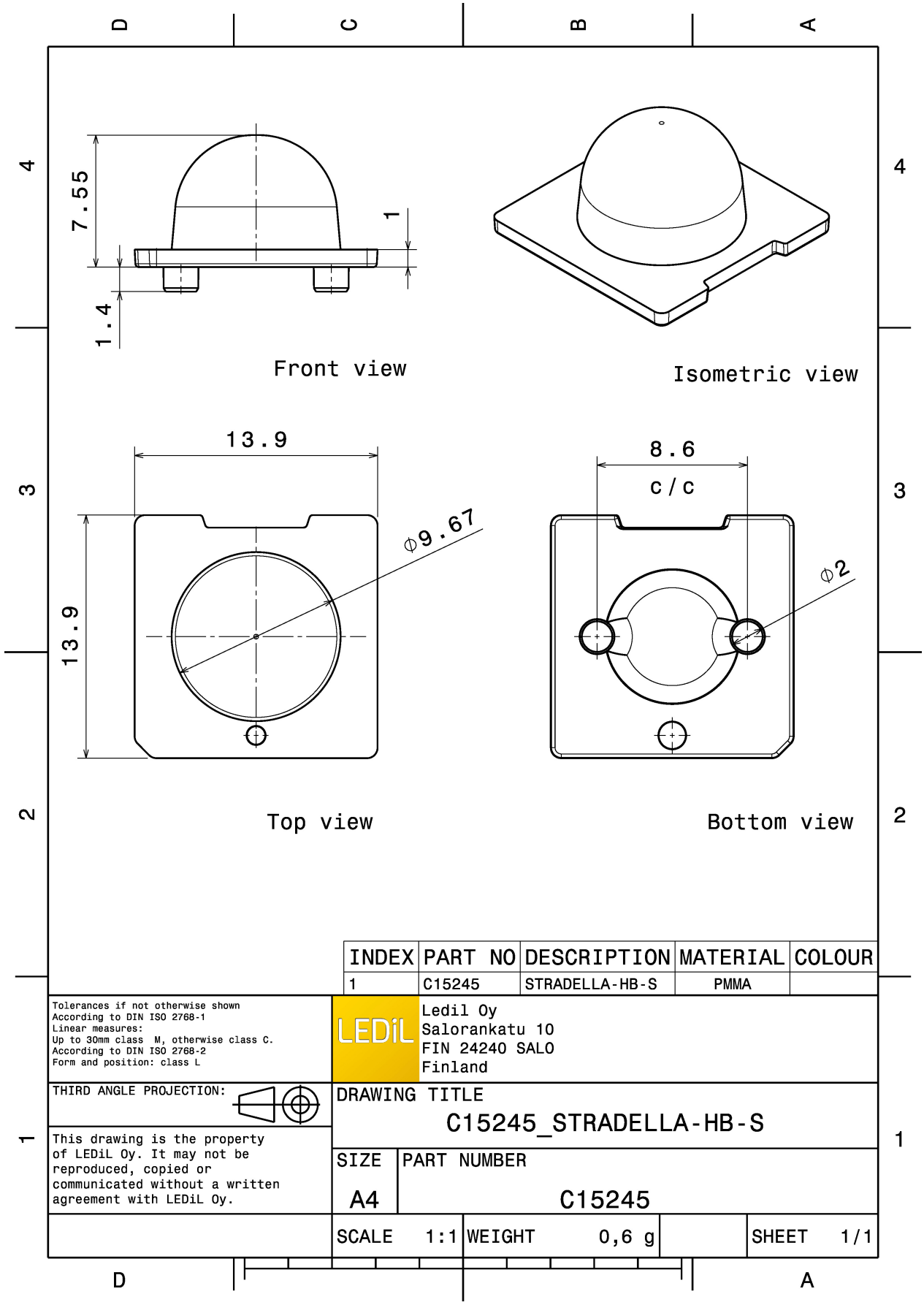
Dimensions	13.9 x 13.9
Height	7.5 mm
Fastening	pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADELLA-HB-S	Single lens	PMMA	clear		13.9

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15245_STRADELLA-HB-S » Box size: 480 x 250 x 390 mm	16000	1000	1000	9.0



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15245	STRADELLA-HB-S	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C15245_STRADELLA-HB-S

SIZE	PART NUMBER
A4	C15245

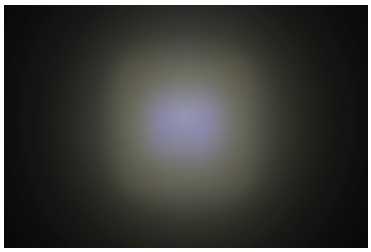
SCALE	WEIGHT		SHEET
1:1	0,6 g		1/1

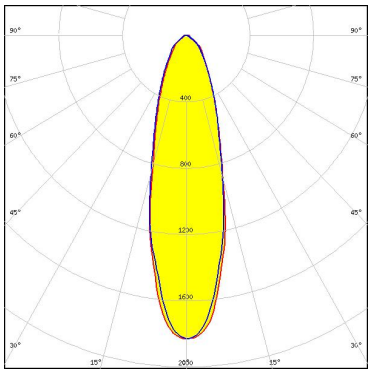
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	J Series 3030
FWHM / FWTM	29.0° / 75.0°
Efficiency	96 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

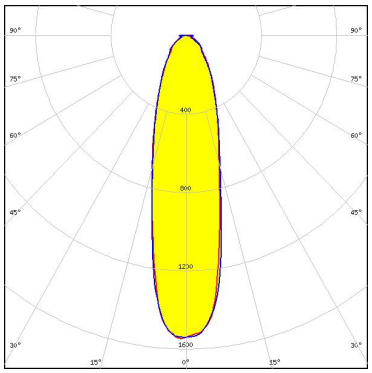




Light distribution files

CREE LEDs

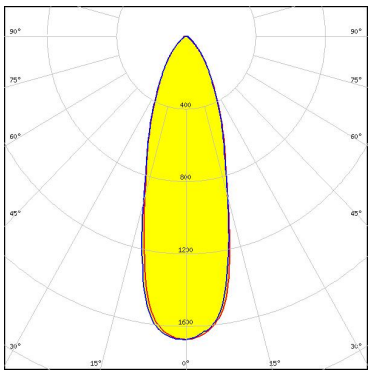
LED	XT-E
FWHM / FWTM	27.0° / 81.0°
Efficiency	92 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NVSW219D
FWHM / FWTM	32.0° / 78.0°
Efficiency	94 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

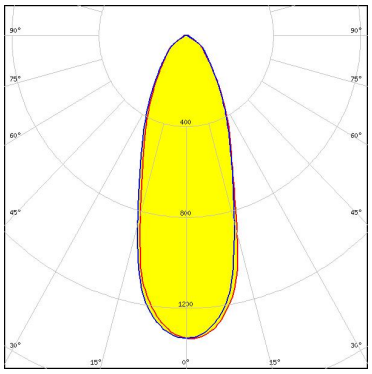


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

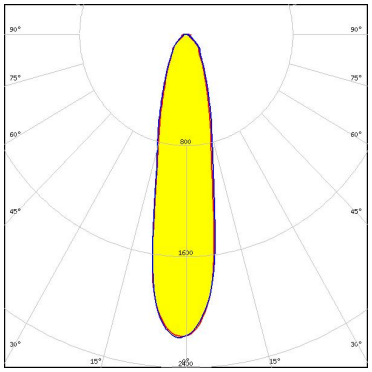
LED	NVSW319B
FWHM / FWTM	37.0° / 91.0°
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH181B
FWHM / FWTM	23.0° / 65.0°
Efficiency	94 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

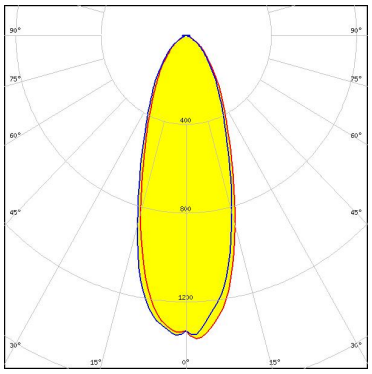


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	37.0° / 88.0°
Efficiency	93 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON IR Domed 150 (L1I0-0xxx150000000)
FWHM / FWTM	23.0° / 83.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

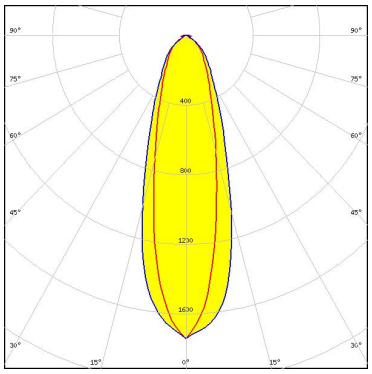
LUMINUS

LED	SFT-12R-WES
FWHM / FWTM	20.0° / 62.0°
Efficiency	94 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

OPTICAL RESULTS (SIMULATED):

NICHIA

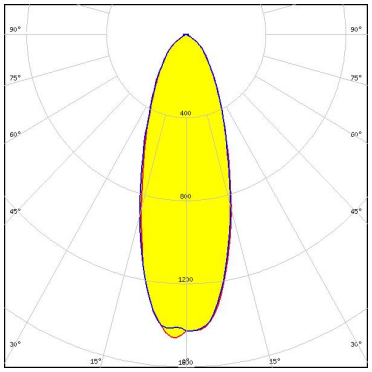
LED	NF2W585AR-P8
FWHM / FWTM	25.0 + 34.0° / 76.0 + 86.0°
Efficiency	94 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NVSW219F
FWHM / FWTM	36.0° / 88.0°
Efficiency	93 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

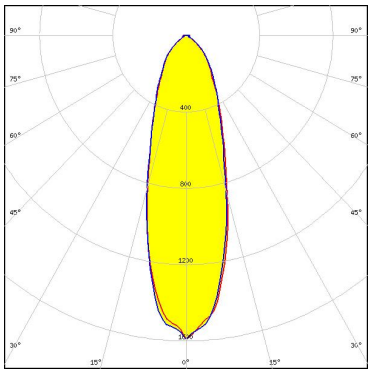
NICHIA

LED	NVSW519A
FWHM / FWTM	43.0° / 94.0°
Efficiency	91 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

OPTICAL RESULTS (SIMULATED):

NICHIA

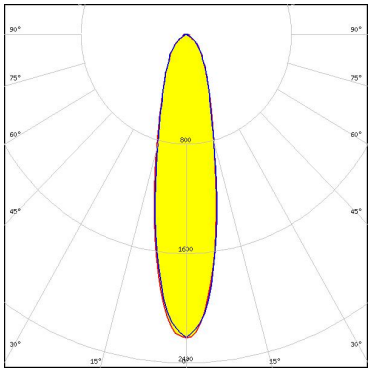
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	31.0° / 86.0°
Efficiency	93 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

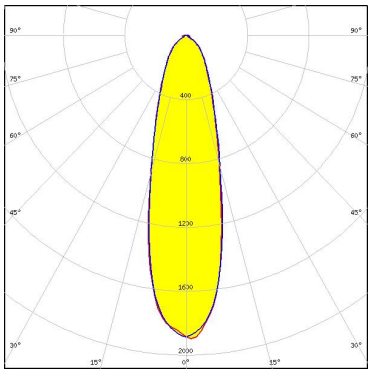
LED	OSCONIQ C 2424
FWHM / FWTM	24.0° / 70.0°
Efficiency	94 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

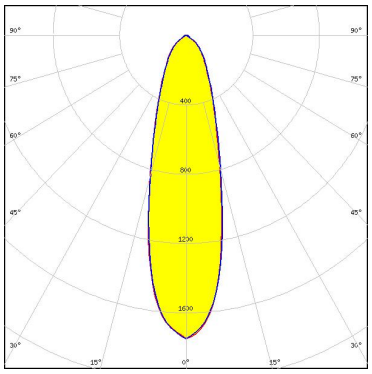
LED	OSCONIQ C 3030
FWHM / FWTM	28.0° / 77.0°
Efficiency	95 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

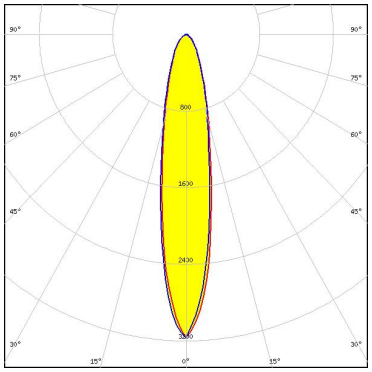
LED	OSCONIQ C 3030
FWHM / FWTM	28.0° / 77.0°
Efficiency	86 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Protective plate, glass

OSRAM
Opto Semiconductors

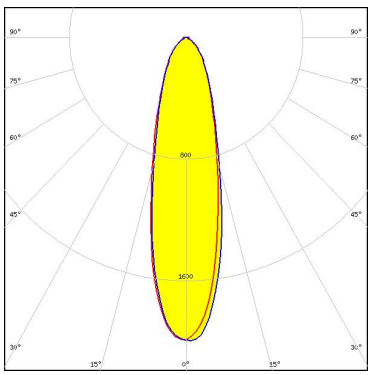
LED	OSCONIQ P 3030
FWHM / FWTM	20.0° / 55.0°
Efficiency	95 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	27.0° / 74.0°
Efficiency	94 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

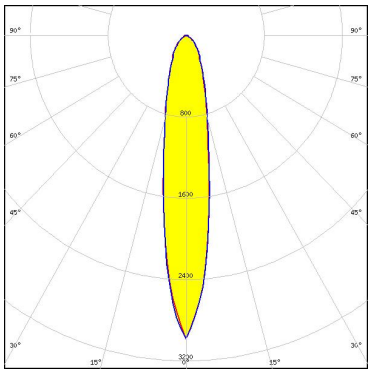


Light distribution files

OPTICAL RESULTS (SIMULATED):

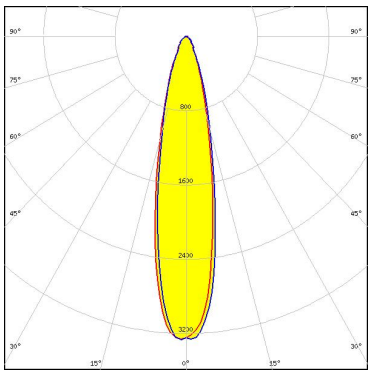
OSRAM
Opto Semiconductors

LED	OSLON Pure 1414
FWHM / FWTM	18.0° / 58.0°
Efficiency	96 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



OSRAM
Opto Semiconductors

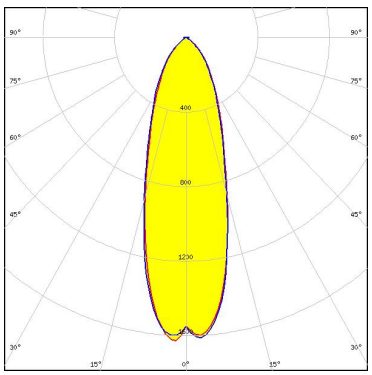
LED	OSLON SSL 80
FWHM / FWTM	22.0° / 50.0°
Efficiency	94 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH351B
FWHM / FWTM	32.0° / 81.0°
Efficiency	90 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

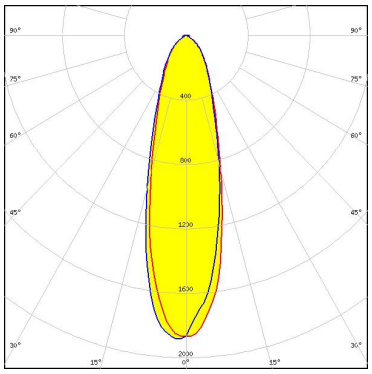


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

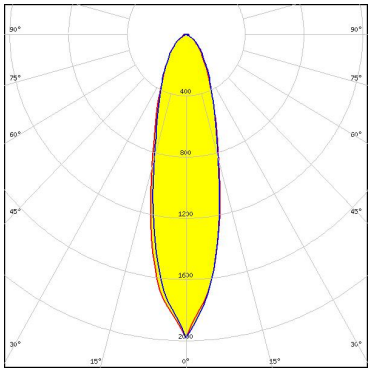
LED	LM28xB Series
FWHM / FWTM	28.0° / 77.0°
Efficiency	94 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

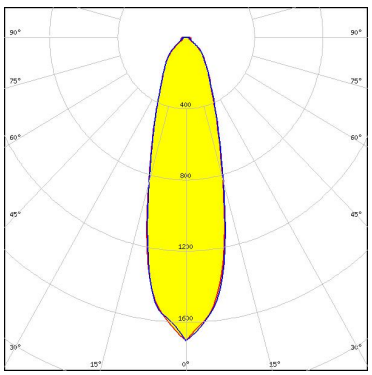
LED	Z5M1/Z5M2
FWHM / FWTM	27.0° / 73.0°
Efficiency	94 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z8Y22T
FWHM / FWTM	30.0° / 80.0°
Efficiency	93 %
Peak intensity	1.7 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:

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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