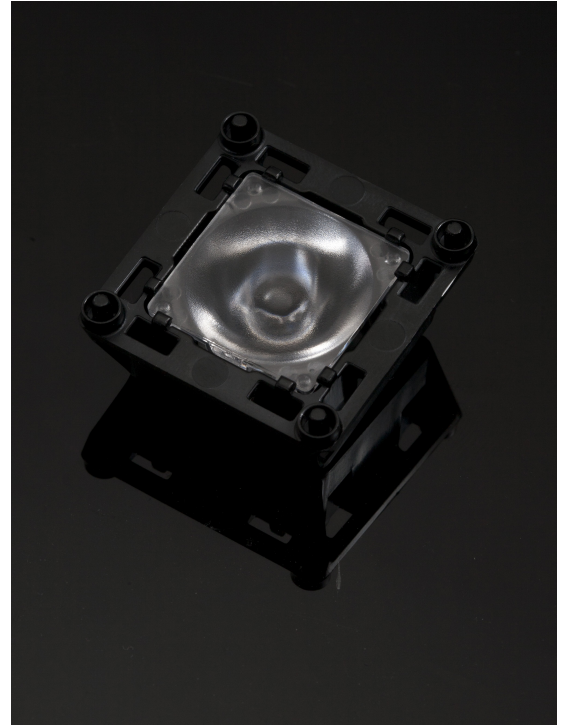


FLORENTINA-1-D

~18° diffused spot beam

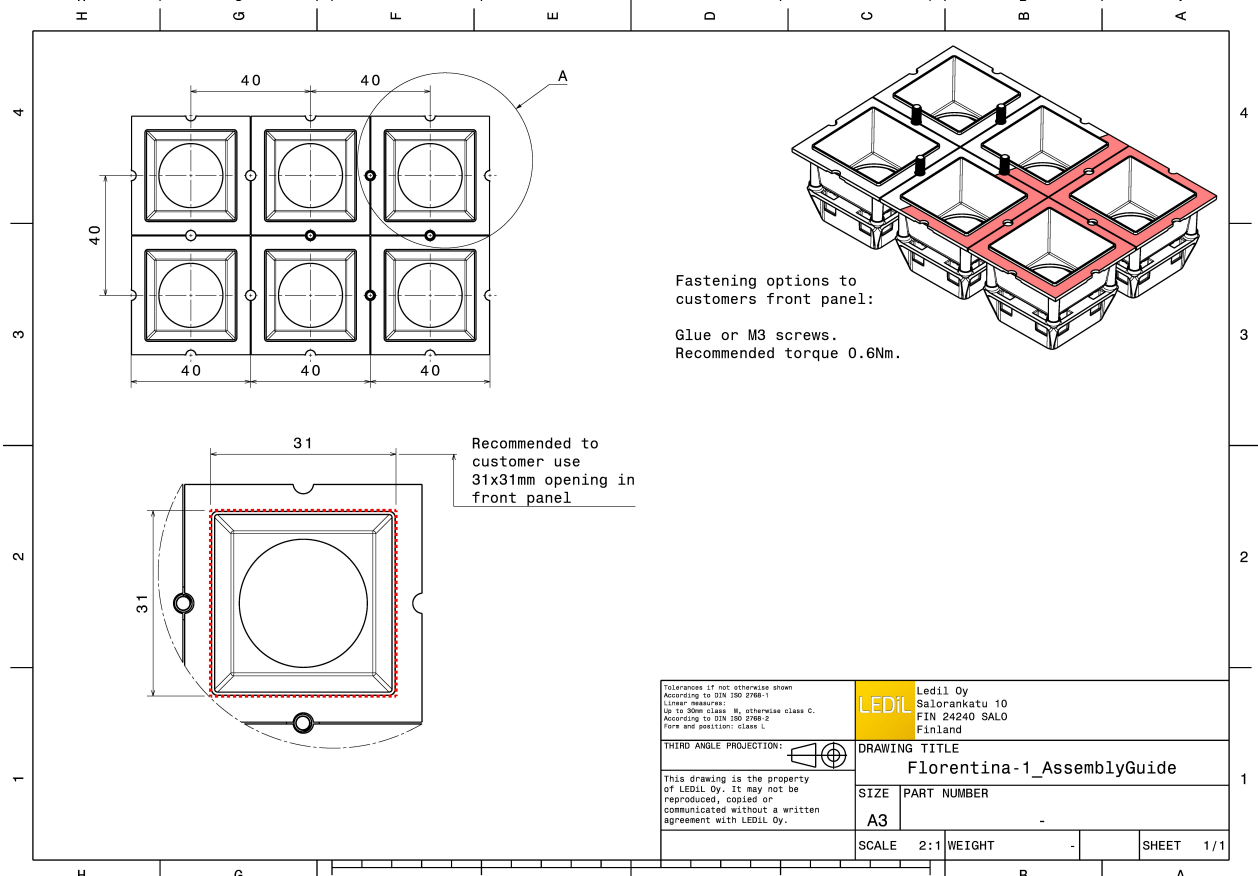
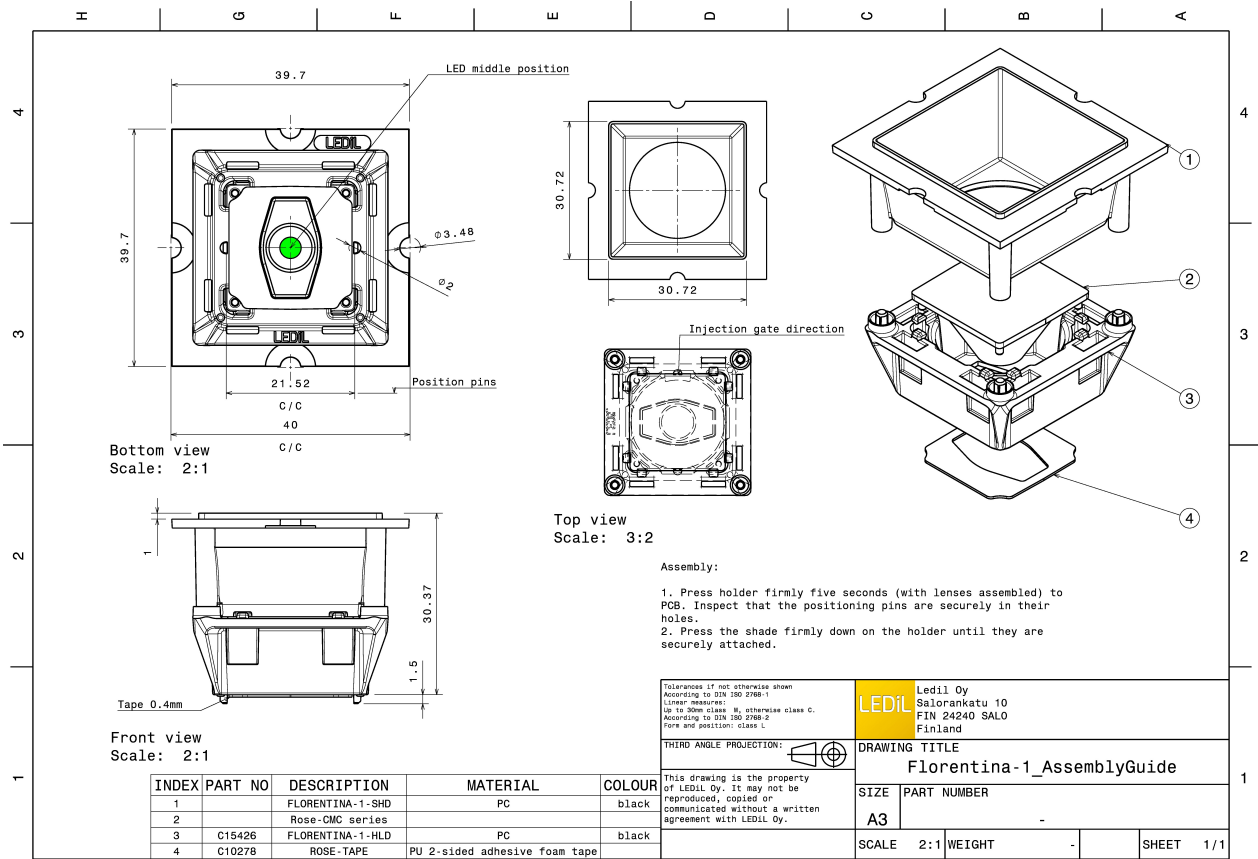
TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	7.9 kg
Quantity in Box	840 pcs
ROHS compliant	yes ⓘ


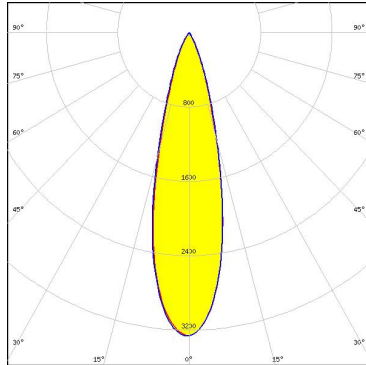
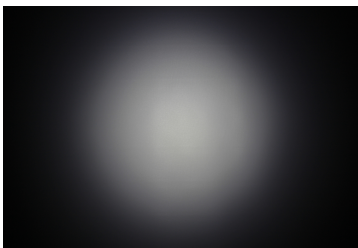
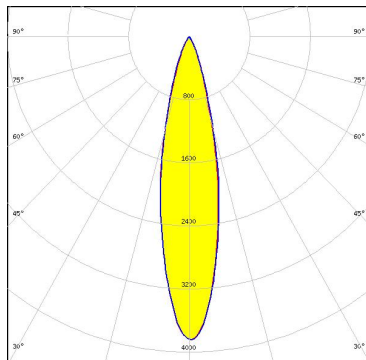

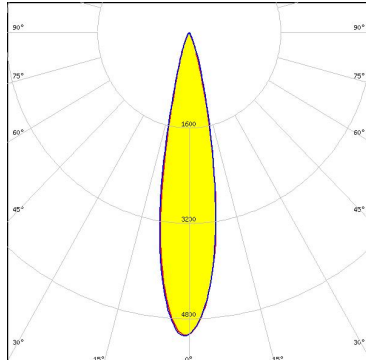

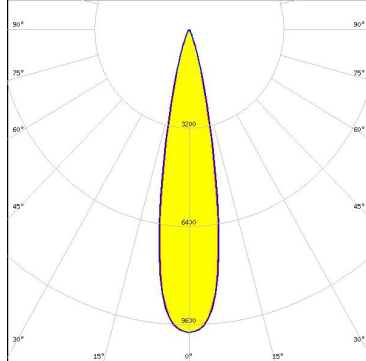


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ROSE-CMC-D	Single lens	PC	clear
FLORENTINA-1-HLD	Holder	PC	black
ROSE-TAPE	Tape	PU tape	black



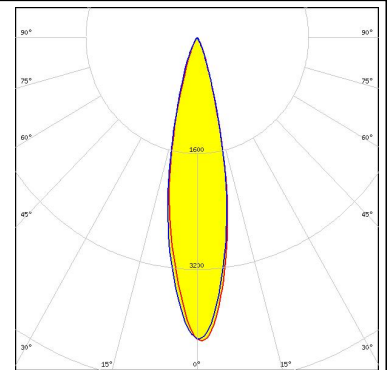
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 26.0° Efficiency 78 % Peak intensity 3.300 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>CREE</p> <p>LED XHP35 HD FWHM 23.0° Efficiency 77 % Peak intensity 3.900 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>CREE</p> <p>LED XHP35 HI FWHM 21.0° Efficiency 77 % Peak intensity 5.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE</p> <p>LED XP-G2 FWHM 21.0° Efficiency 77 % Peak intensity 5.100 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

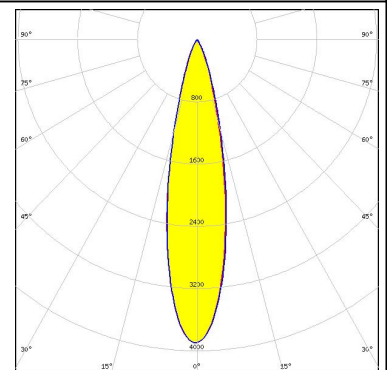
PHOTOMETRIC DATA (MEASURED):



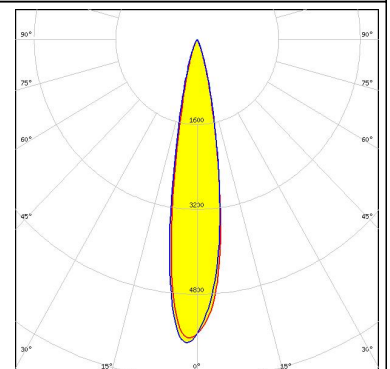
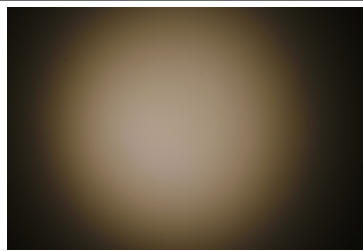
LED XP-L HD
 FWHM 23.0°
 Efficiency 76 %
 Peak intensity 4.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



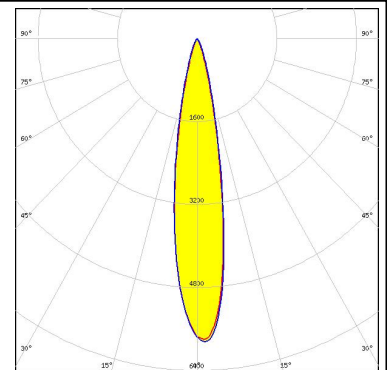
LED XP-L2
 FWHM 23.0°
 Efficiency 75 %
 Peak intensity 3.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60




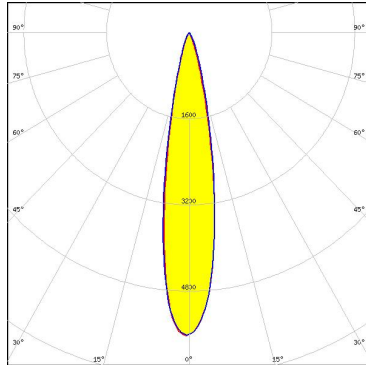

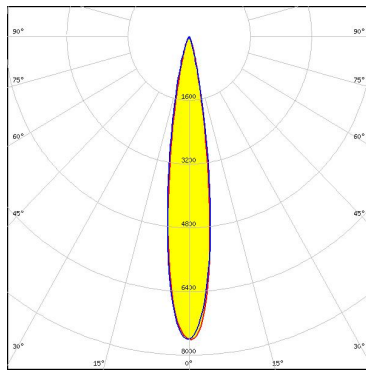

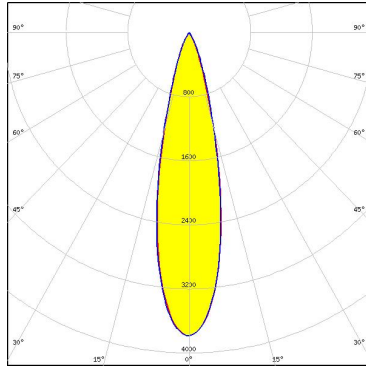

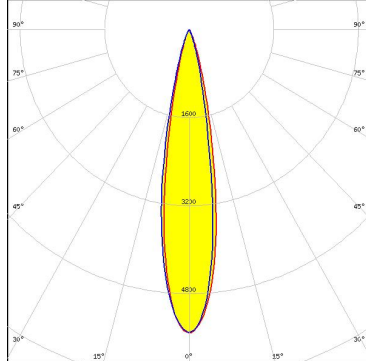
LED XT-E
 FWHM 18.0°
 Efficiency 76 %
 Peak intensity 5.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60




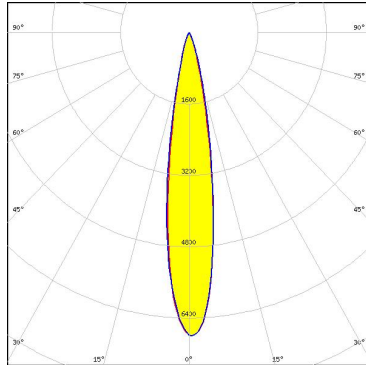

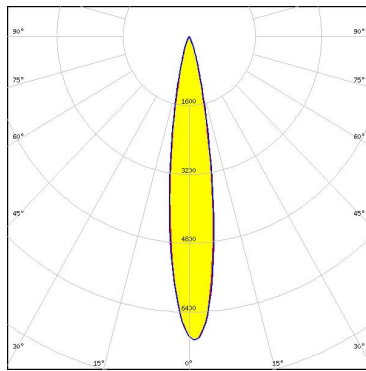

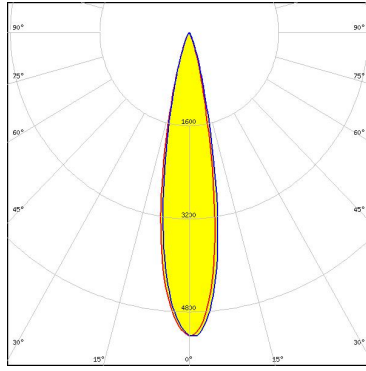

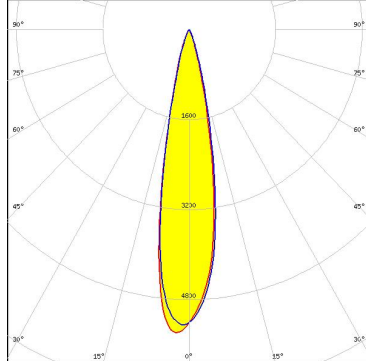
LED LG 5630
 FWHM 19.0°
 Efficiency 82 %
 Peak intensity 5.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



PHOTOMETRIC DATA (MEASURED):

<p>LG Innotek</p> <p>LED LG 5630 FWHM 19.0° Efficiency 81 % Peak intensity 5.600 cd/m LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES) FWHM 16.0° Efficiency 79 % Peak intensity 7.600 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 FWHM 24.0° Efficiency 79 % Peak intensity 3.800 cd/m LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX FWHM 19.0° Efficiency 77 % Peak intensity 5.500 cd/m LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

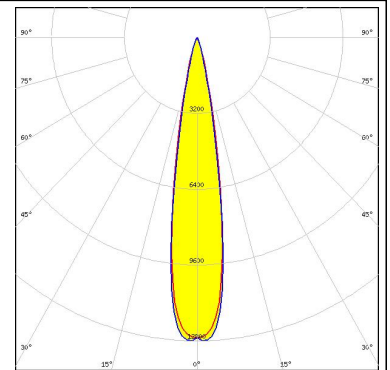
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NF2x757G FWHM 18.0° Efficiency 82 % Peak intensity 6.800 cd/lm LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT</p>		
<p>NICHIA</p> <p>LED NF2x757G FWHM 17.0° Efficiency 81 % Peak intensity 7.200 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 20.0° Efficiency 78 % Peak intensity 5.200 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM 20.0° Efficiency 79 % Peak intensity 5.400 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

PHOTOMETRIC DATA (MEASURED):

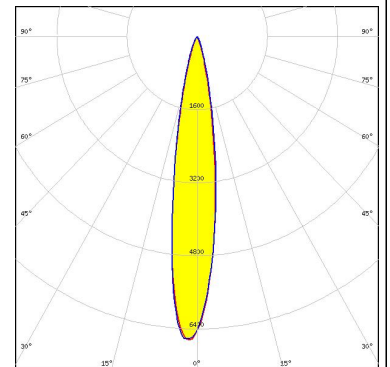
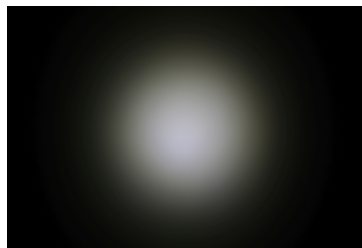
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 18.0°
Efficiency 77 %
Peak intensity 6.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SAMSUNG

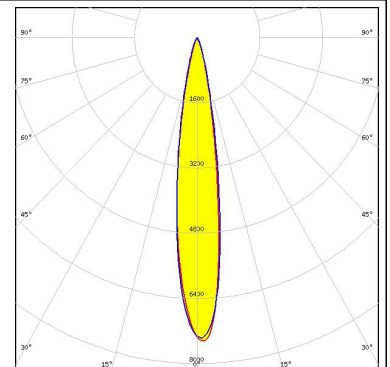
LED LM561B
FWHM 17.0°
Efficiency 80 %
Peak intensity 6.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SEOUL

SEOUL SEMICONDUCTOR

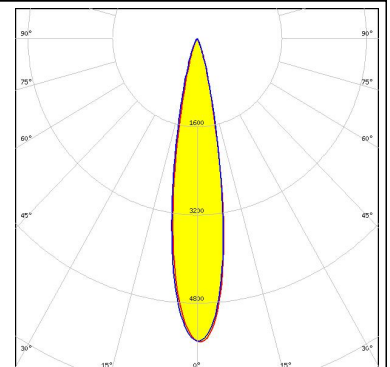
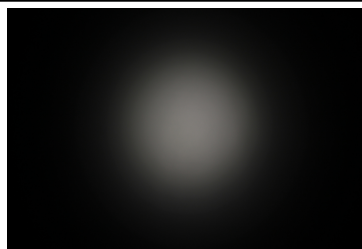
LED SEOUL 5630
FWHM 16.0°
Efficiency 82 %
Peak intensity 7.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SEOUL

SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 19.0°
Efficiency 75 %
Peak intensity 5.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



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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