

BROOKE-G2-W

~50° wide beam compatible with LEDiL HEKLA.

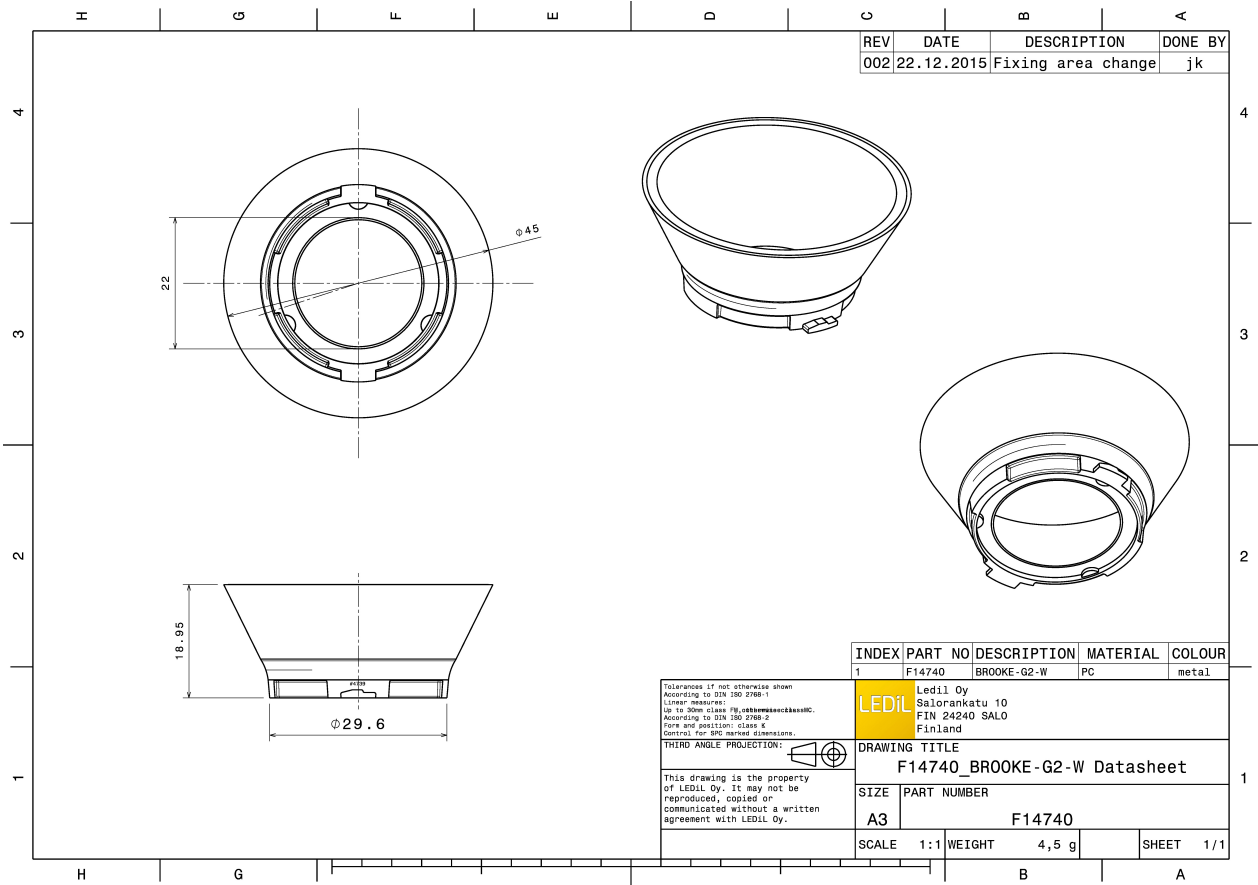
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45 mm
Height	19.7 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	5.2 kg
Quantity in Box	720 pcs
ROHS compliant	yes ⓘ


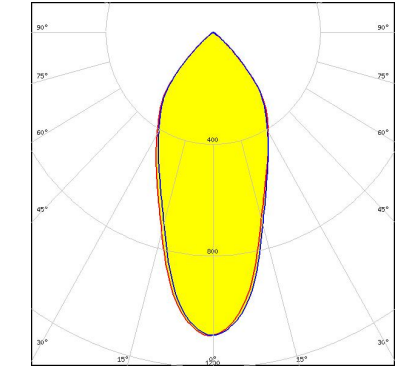
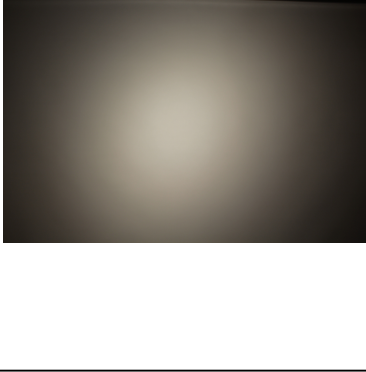
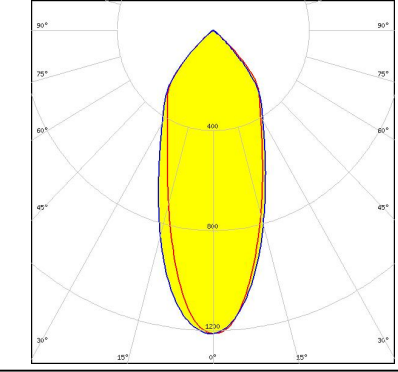
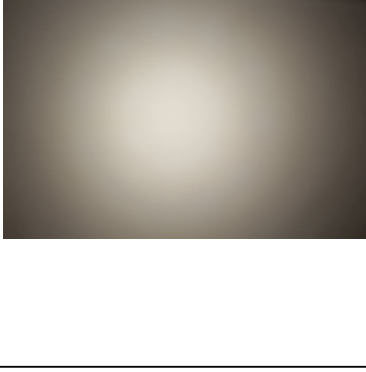
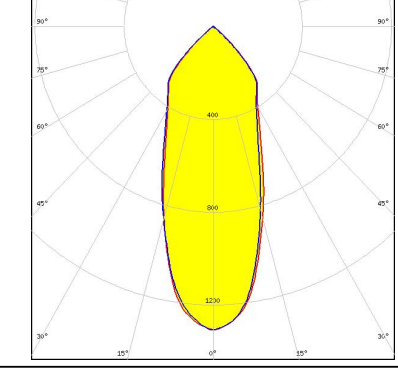

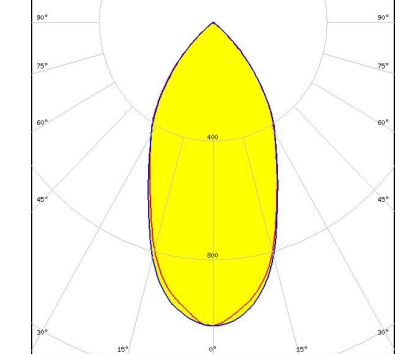


MATERIAL SPECIFICATIONS:


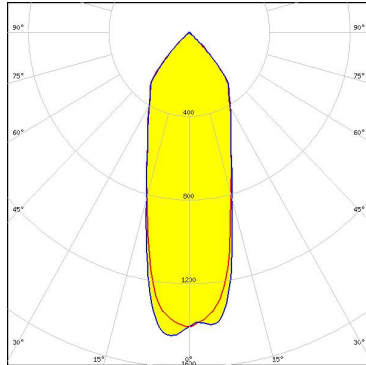
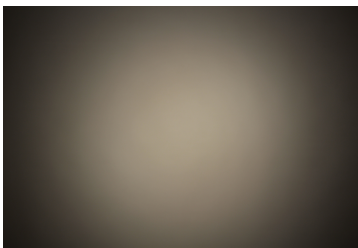
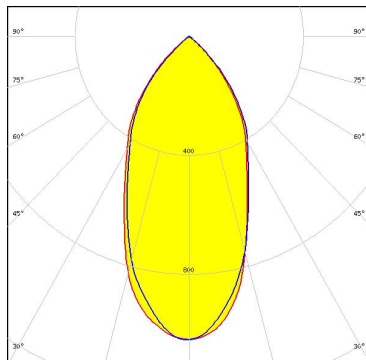

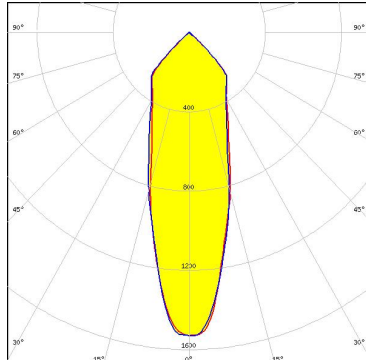
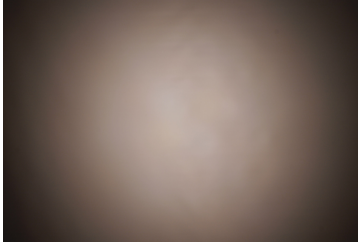
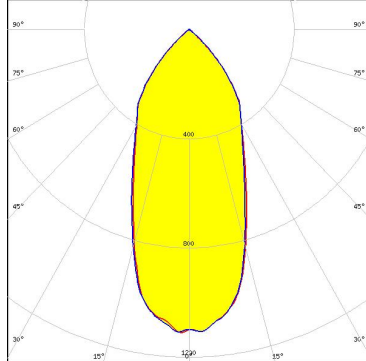
Component	Type	Material	Colour	Coating
BROOKE-G2-W	Reflector	PC	metal	lacquer



PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen7</p> <p>FWHM 44.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>Required components: C14658_BARBARA-RZ-LENS LEDiL: F15255_HEKLA-SOCKET-C</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 41.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.200 cd/lm</p> <p>Required components: C14658_BARBARA-RZ-LENS LEDiL: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 39.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>Required components: LEDiL: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM 52.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.000 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 491 Typ L8</p>		

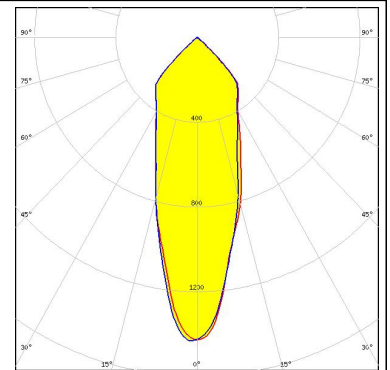
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux</p> <p>LED Vesta DTW 9mm (6W/12W)</p> <p>FWHM 34.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p>CITIZEN</p> <p>LED CLC030 Series (Dim-To-Warm)</p> <p>FWHM 49.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.000 cd/lm</p> <p>Required components: LEDiL: C16142_HEKLA-SOCKET-K</p>		
<p>CITIZEN</p> <p>LED CLU700/701</p> <p>FWHM 32.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C15743_XTM-ADAPTER-50-B LEDiL: F15255_HEKLA-SOCKET-C</p>		
<p>CITIZEN</p> <p>LED LCN-C02B (Tunable White)</p> <p>FWHM 45.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>Required components: LEDiL: C16142_HEKLA-SOCKET-K</p>		

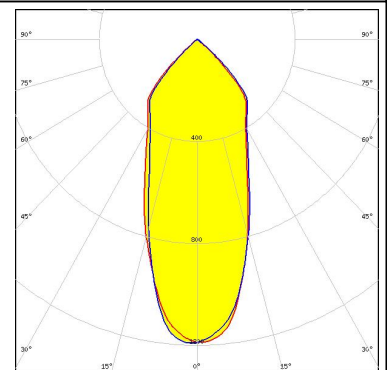
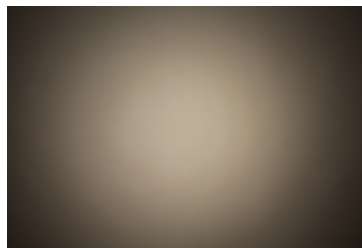
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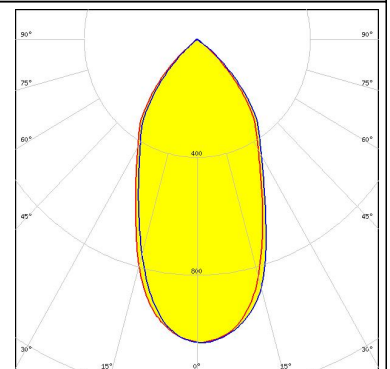
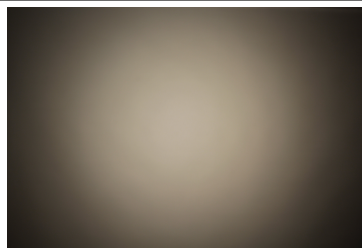
LED CXA/B 13xx
 FWHM 34.0°
 Efficiency 94 %
 Peak intensity 1.400 cd/lm
 Required components:
 LEDiL: F15956_HEKLA-SOCKET-J



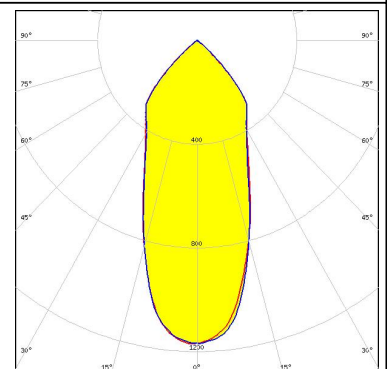
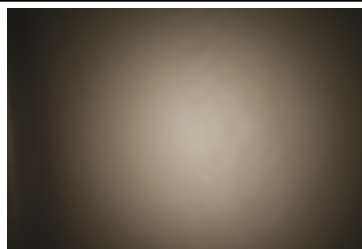
LED CXA/B 15xx
 FWHM 41.0°
 Efficiency 93 %
 Peak intensity 1.200 cd/lm
 Required components:
 LEDiL: F15256_HEKLA-SOCKET-D



LED CXM-14
 FWHM 51.0°
 Efficiency 93 %
 Peak intensity 1.000 cd/lm
 Required components:
 LEDiL: F15859_HEKLA-SOCKET-I



LED CXM-9
 FWHM 43.0°
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 Required components:
 LEDiL: F15255_HEKLA-SOCKET-C



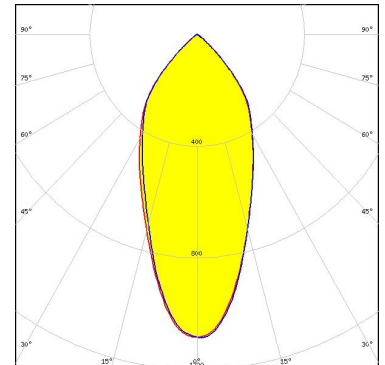
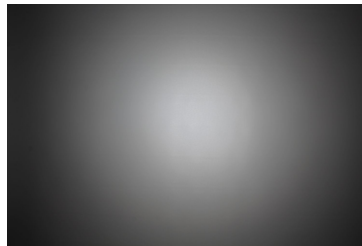
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED COB D Series LES 9.8 mm
FWHM 43.0°
Efficiency 94 %
Peak intensity 1.200 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C

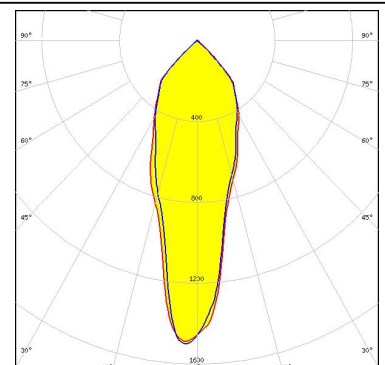
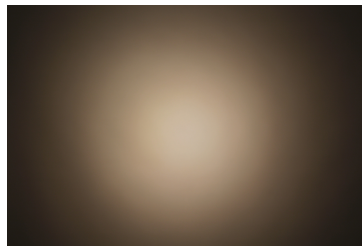
SAMSUNG

LED COB D Series LES 9.8 mm
FWHM 44.0°
Efficiency 88 %
Peak intensity 1.090 cd/lm
Required components:
C14658_BARBARA-RZ-LENS
LEDiL: F15255_HEKLA-SOCKET-C

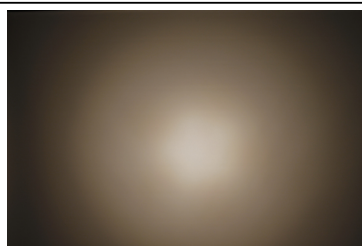


SAMSUNG

LED LC010C G2
FWHM 31.0°
Efficiency 92 %
Peak intensity 1.500 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



LED MJT COB LES 6
FWHM 32.0°
Efficiency 93 %
Peak intensity 1.500 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):

bridgelux.

LED V8 Gen6
FWHM 42.5°
Efficiency %
Peak intensity cd/lm
Required components:
F15253_HEKLA-SOCKET-A

bridgelux.

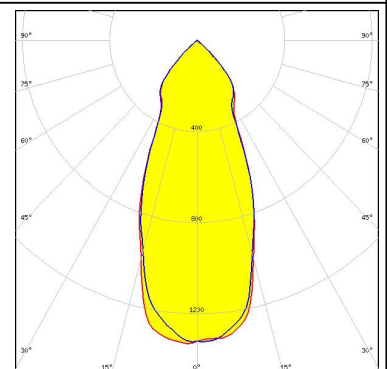
LED V8 Gen6
FWHM 42.5°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
LEDiL: F15253_HEKLA-SOCKET-A

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 45.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C

CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 43.0°
Efficiency 92 %
Peak intensity 1.300 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (SIMULATED):



LED CXA/B 15xx
FWHM 44.0°
Efficiency %
Peak intensity cd/lm
Required components:
F15256_HEKLA-SOCKET-D



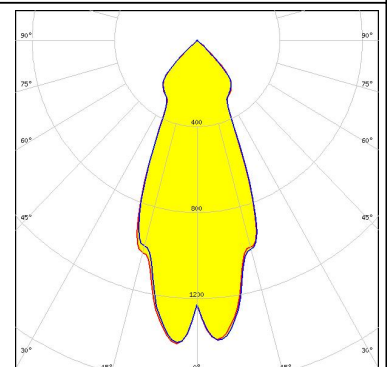
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 46.0°
Efficiency %
Peak intensity cd/lm
Required components:
F15254_HEKLA-SOCKET-B



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 46.0°
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:
LEDiL: F15254_HEKLA-SOCKET-B



LED COB T-Type
FWHM 42.0°
Efficiency 90 %
Peak intensity 1.420 cd/lm
Required components:
LEDiL: F15848_HEKLA-SOCKET-G



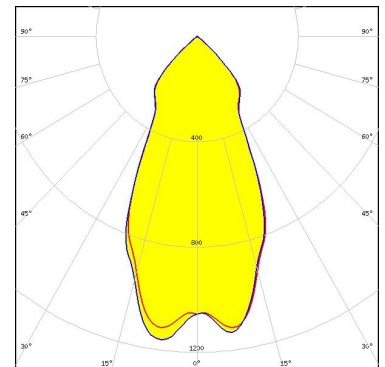
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 49.5°
Efficiency 88 %
Peak intensity 1.070 cd/lm
Required components:
F15859_HEKLA-SOCKET-I

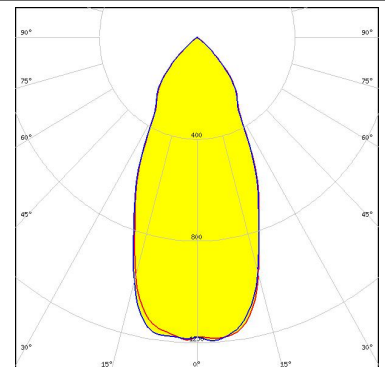
TRIDONIC

LED SLE G6 LES10
FWHM 49.0°
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:
LEDiL: F15255_HEKLA-SOCKET-C



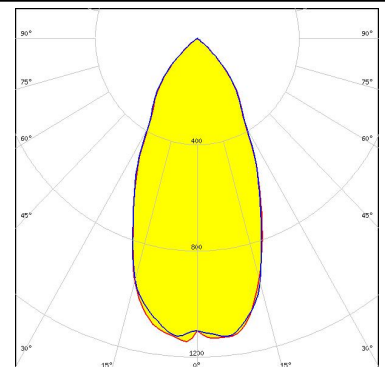
TRIDONIC

LED SLE G6 LES15
FWHM 48.0°
Efficiency 92 %
Peak intensity 1.200 cd/lm
Required components:
LEDiL: F15859_HEKLA-SOCKET-I



TRIDONIC

LED SLE G6 LES17
FWHM 49.0°
Efficiency 92 %
Peak intensity 1.160 cd/lm
Required components:
LEDiL: F15859_HEKLA-SOCKET-I



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

www.ledil.com/where_to_buy

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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