



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



MELODY-3-M

~35° medium beam with 3 optics

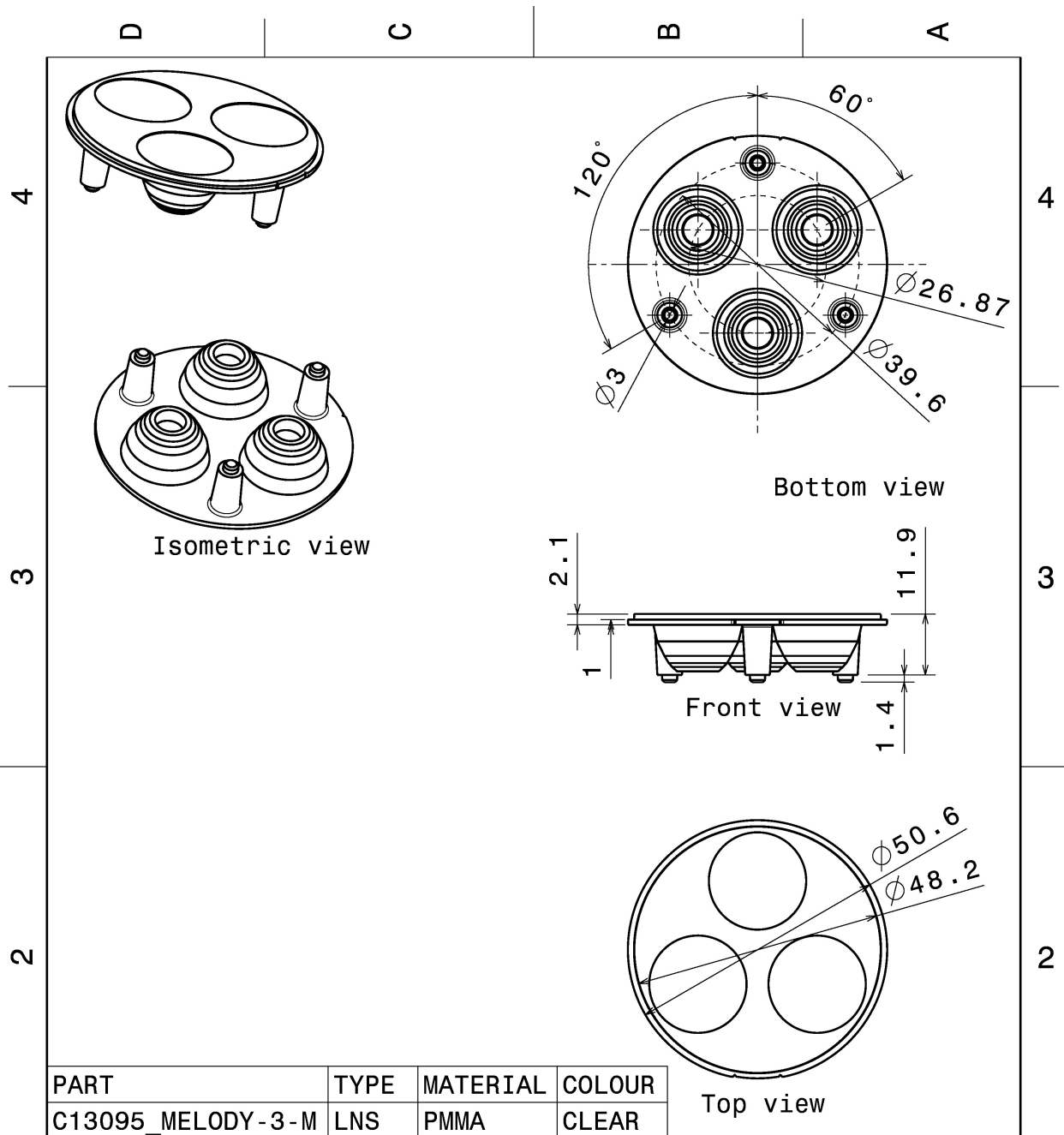
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.6 mm
Height	11.9 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.7 kg
Quantity in Box	364 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
MELODY-3-M	Lens array	PMMA	clear



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LEDiL
A WORLD OF INNOVATION

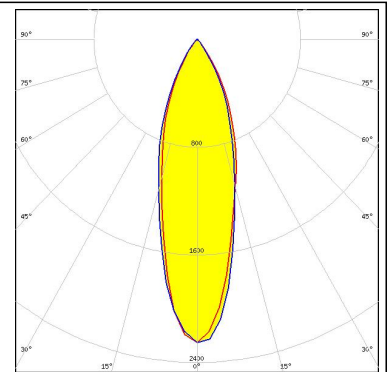
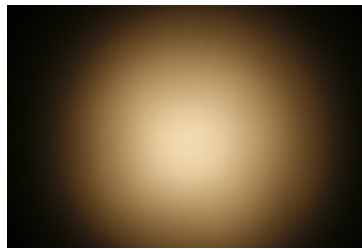
Ledil Oy
Joensuunkatu 13
FIN 24100 SALO
Finland

DRAWN BY mav		DATE 21.08.2012	DRAWING TITLE MELODY-3-M		
CHECKED BY pv	DATE 21.08.2012	SIZE A4	DRAWING NUMBER C13095	REV 1	
DESIGNED BY mav	DATE 15.08.2012	SCALE 1:1	WEIGHT (g)	SHEET 1/1	

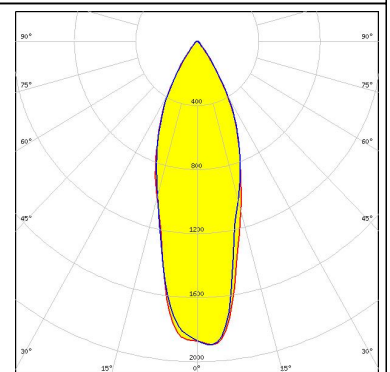
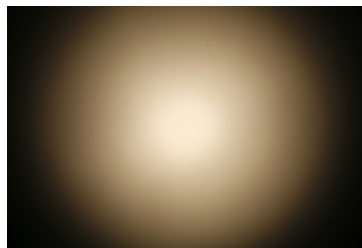
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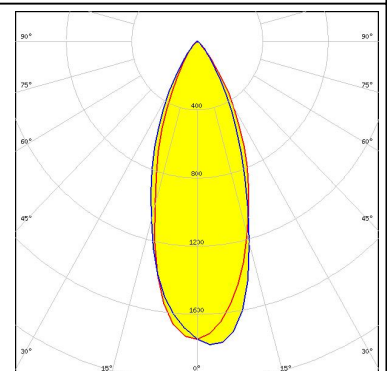
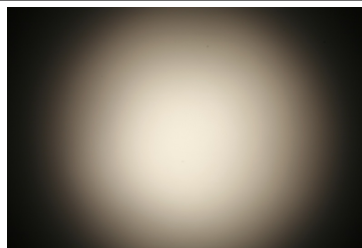
LED XP-E
 FWHM 31.0°
 Efficiency 93 %
 Peak intensity 2.260 cd/lm
 Required components:



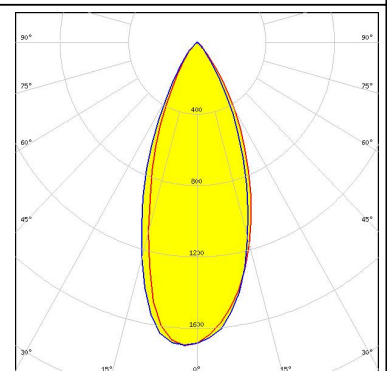
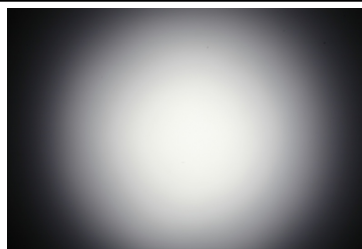
LED XP-E2
 FWHM 34.0°
 Efficiency 92 %
 Peak intensity 1.900 cd/lm
 Required components:



LED XP-G
 FWHM 38.0°
 Efficiency 92 %
 Peak intensity 1.780 cd/lm
 Required components:



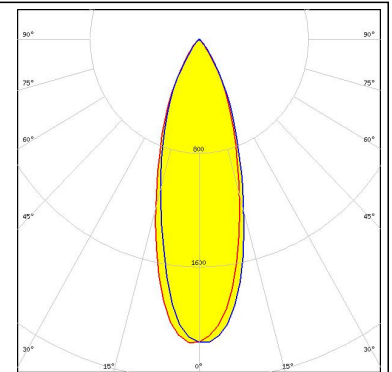
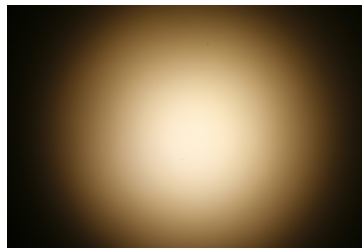
LED XP-G2
 FWHM 41.0°
 Efficiency 93 %
 Peak intensity 1.700 cd/lm
 Required components:



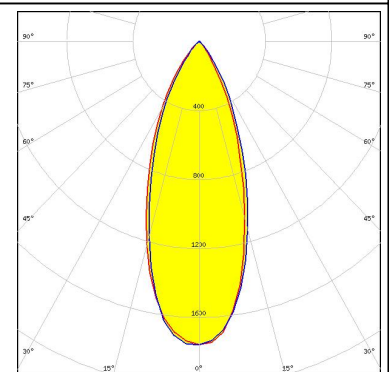
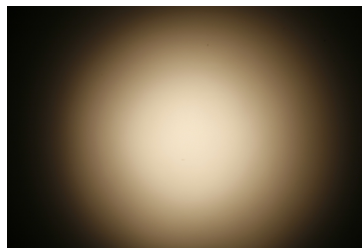
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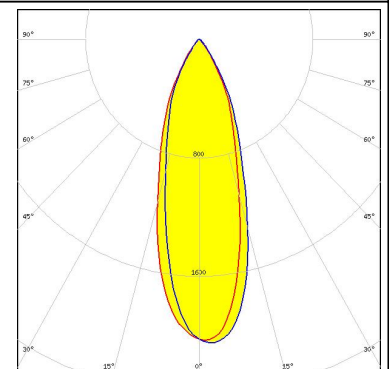
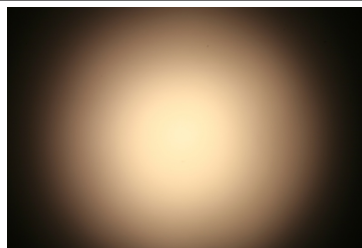
LED XT-E
 FWHM 33.0°
 Efficiency 92 %
 Peak intensity 2.140 cd/lm
 Required components:



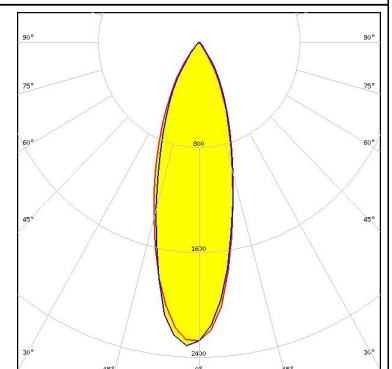
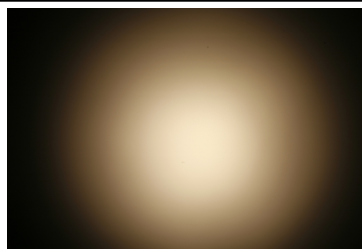
LED LUXEON A
 FWHM 39.0°
 Efficiency 93 %
 Peak intensity 1.750 cd/lm
 Required components:



LED LUXEON R
 FWHM 33.0°
 Efficiency 92 %
 Peak intensity 2.000 cd/lm
 Required components:



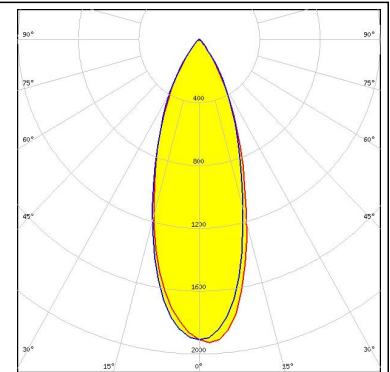
LED LUXEON Rebel
 FWHM 31.0°
 Efficiency 93 %
 Peak intensity 2.300 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

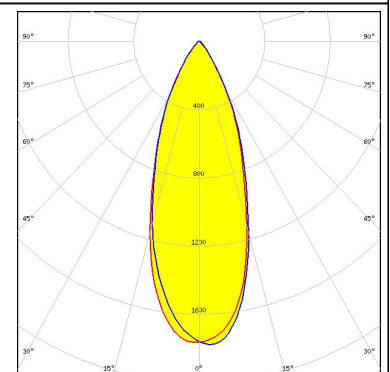
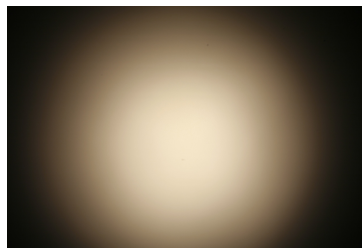
LUMILEDS

LED LUXEON Rebel ES
 FWHM 37.0°
 Efficiency 92 %
 Peak intensity 1.930 cd/lm
 Required components:



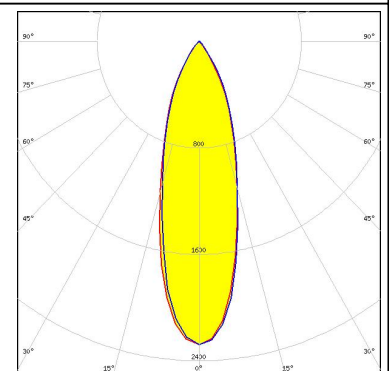
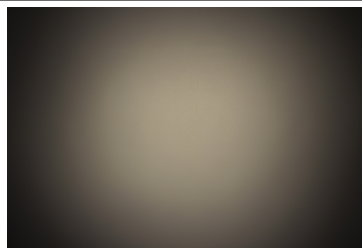
LUMILEDS

LED LUXEON T
 FWHM 37.0°
 Efficiency 92 %
 Peak intensity 1.700 cd/lm
 Required components:



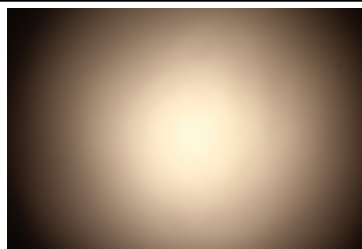
LUMILEDS

LED LUXEON TX
 FWHM 31.0°
 Efficiency 91 %
 Peak intensity 2.300 cd/lm
 Required components:

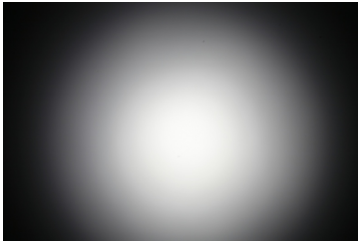
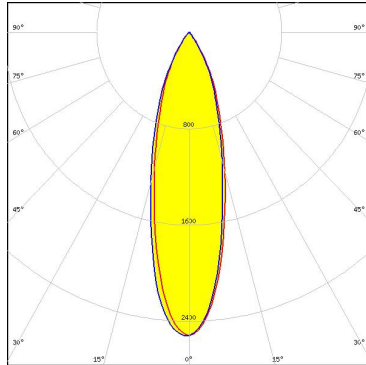
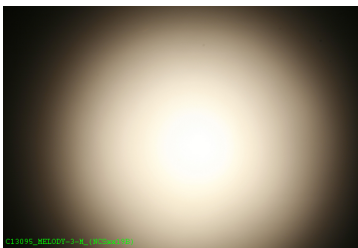
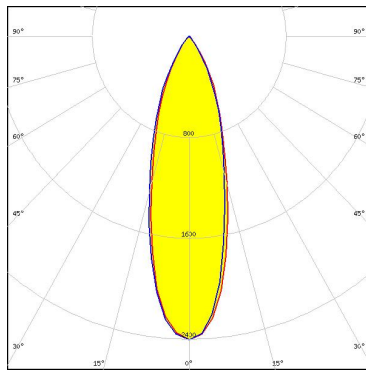

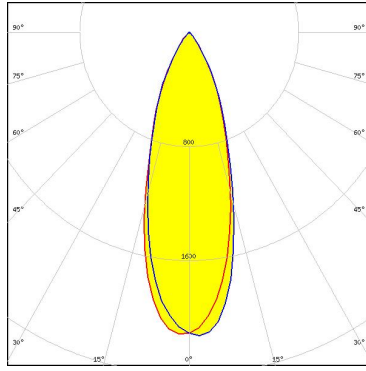
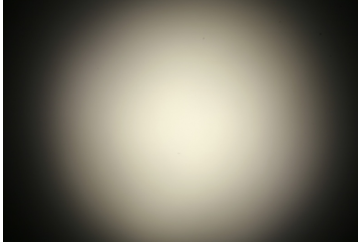
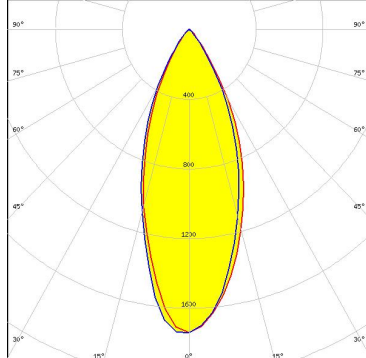


LUMILEDS

LED LUXEON Z ES
 FWHM 25.0°
 Efficiency 90 %
 Peak intensity 3.100 cd/lm
 Required components:



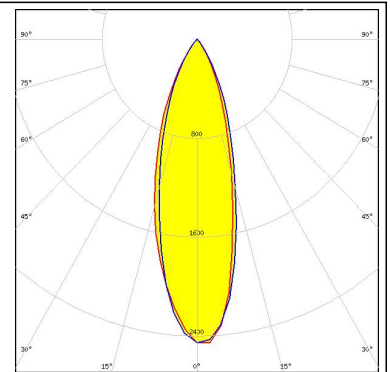
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19A FWHM 29.5° Efficiency 92 % Peak intensity 2.520 cd/lm Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19B FWHM 31.0° Efficiency 91 % Peak intensity 2.400 cd/lm Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 34.0° Efficiency 92 % Peak intensity 2.140 cd/lm Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon Square EC FWHM 40.0° Efficiency 92 % Peak intensity 1.740 cd/lm Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

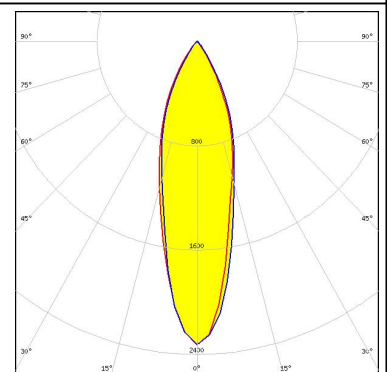
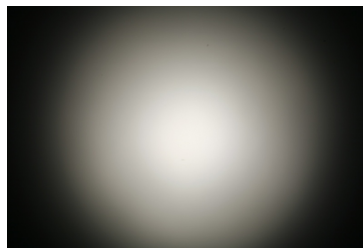
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 31.0°
Efficiency 93 %
Peak intensity 2.470 cd/lm
Required components:



OSRAM
Opto Semiconductors

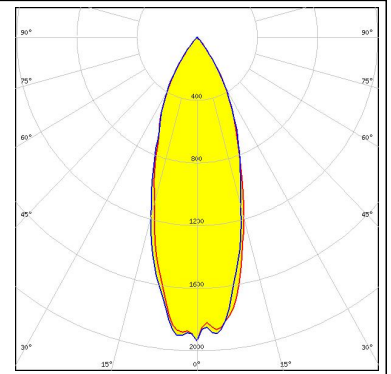
LED Oslon SSL 80
FWHM 29.0°
Efficiency 92 %
Peak intensity 2.330 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON H50-2
FWHM 36.0°
Efficiency 92 %
Peak intensity 2.000 cd/lm
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:

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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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](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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