

### LINNEA-60

~60° + 90° beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

### SPECIFICATION:

 $\begin{array}{ccc} \text{Dimensions} & 285.0 \times 40.0 \text{ mm} \\ \text{Height} & 9.5 \text{ mm} \\ \text{Fastening} & \text{clips} \\ \text{ROHS compliant} & \text{yes} \end{array}$ 



### **MATERIALS:**

ComponentTypeMaterialColourFinishLINNEA-60Linear lensPCclear

### **ORDERING INFORMATION:**

» Box size: 398 x 298 x 265 mm

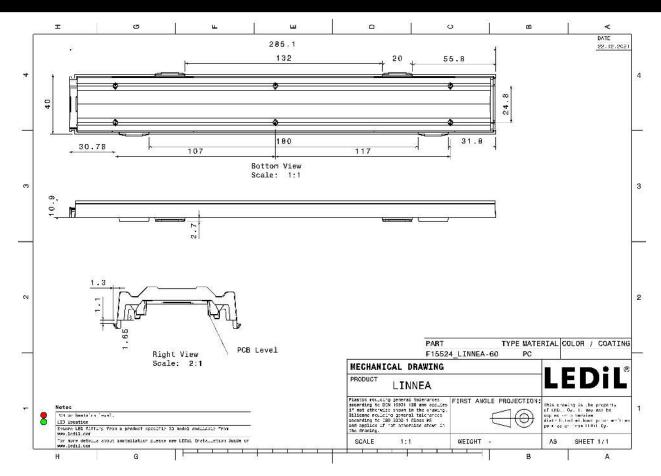
Component Qty in box MOQ MPQ Box weight (kg)

F15524\_LINNEA-60 153 36 36 8.3

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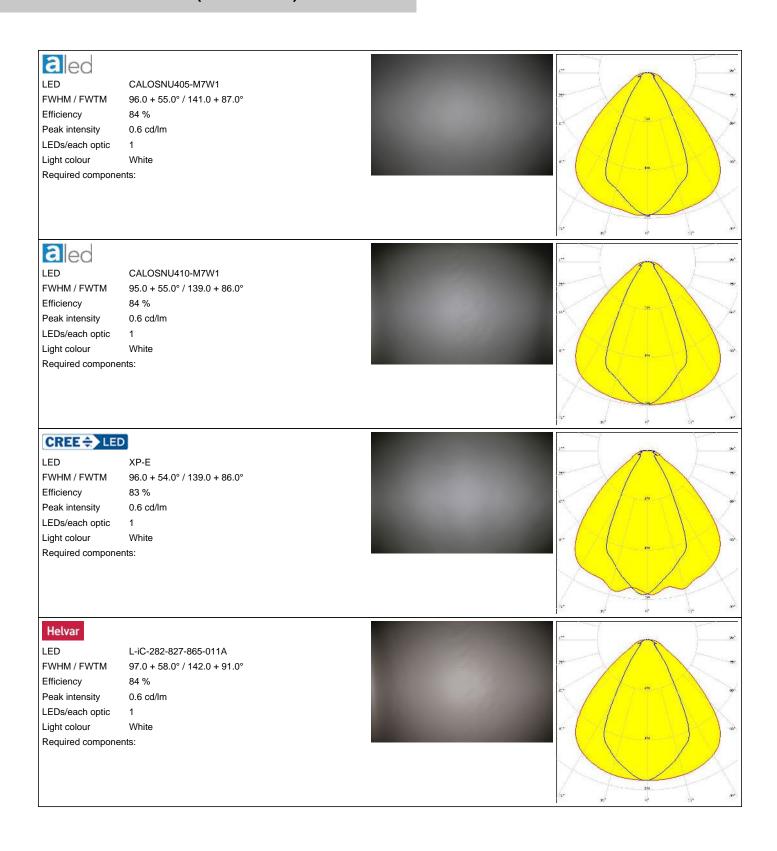
## **PRODUCT** F15524\_LINNEA-60



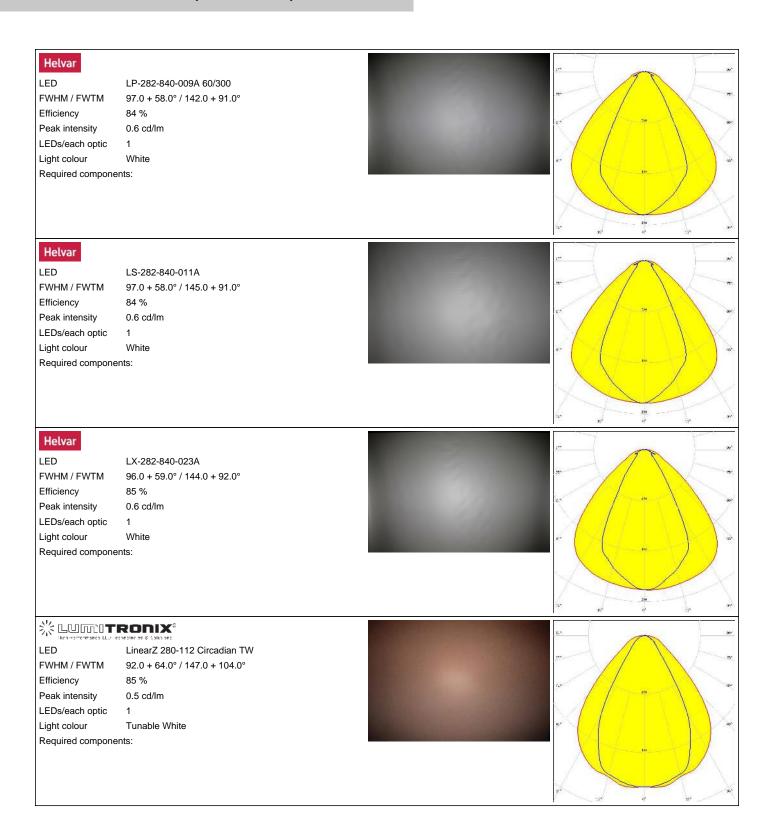
See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

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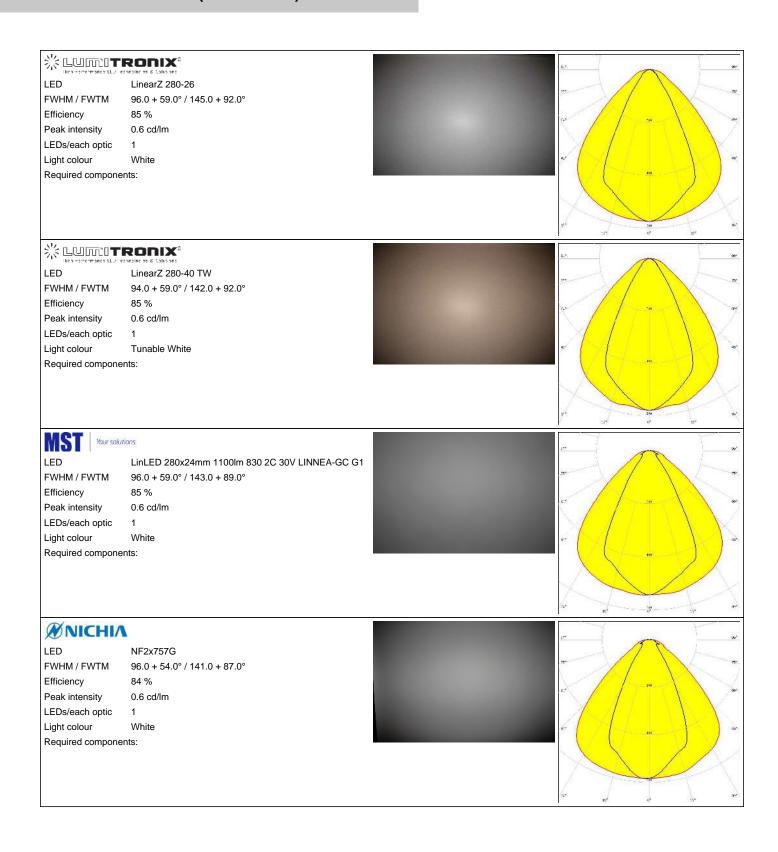




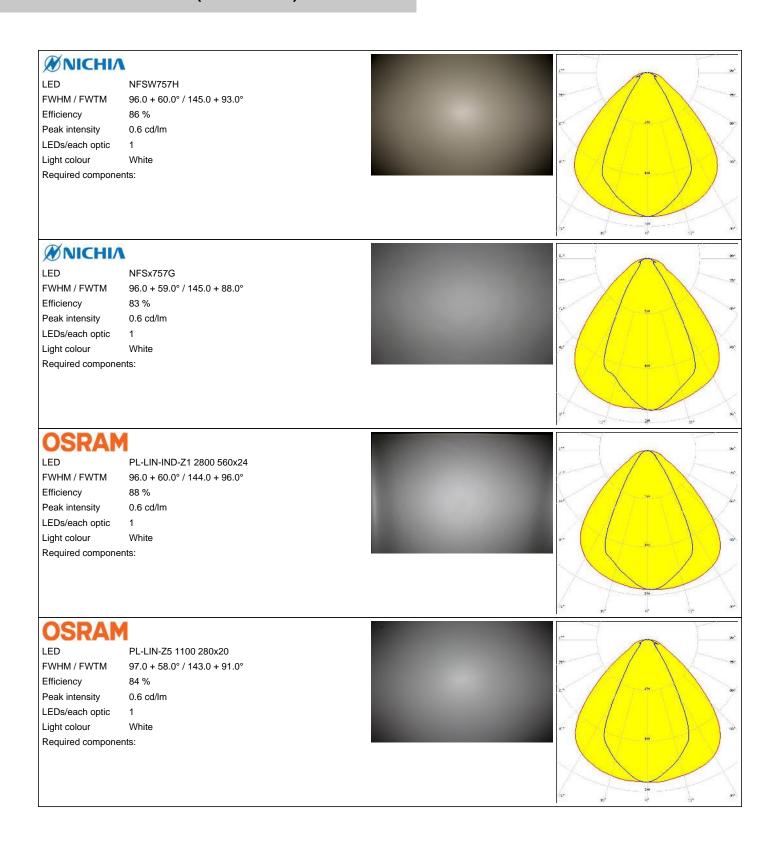




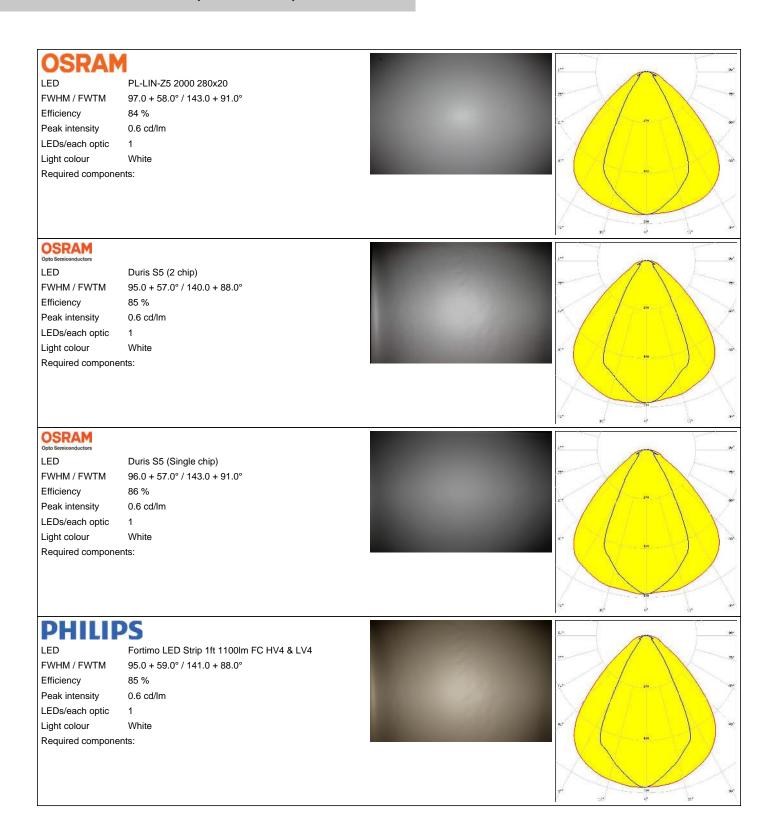












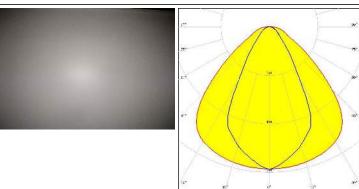


### PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5

FWHM / FWTM 97.0 + 58.0° / 145.0 + 95.0°

Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

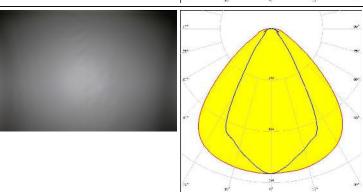


### PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4

FWHM / FWTM 95.0 + 59.0° / 139.0 + 89.0°

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

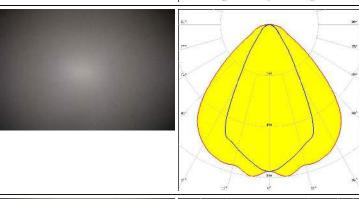


### PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5

FWHM / FWTM 96.0 + 58.0° / 143.0 + 94.0°

Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

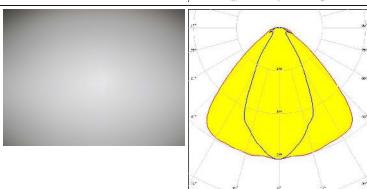


### SAMSUNG

LED LM28xB Series

FWHM / FWTM 95.0 + 53.0° / 136.0 + 106.0°

Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:





### SAMSUNG LM561B Plus FWHM / FWTM 96.0 + 59.0° / 143.0 + 89.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components: LED LT-H282C FWHM / FWTM 96.0 + 55.0° / 141.0 + 87.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour Required components: SAMSUNG LED LT-H562C FWHM / FWTM 96.0 + 55.0° / 141.0 + 87.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:

SAMSUNG

85 %

White

0.6 cd/lm

95.0 + 54.0° / 138.0 + 86.0°

FWHM / FWTM

Peak intensity

Light colour

LEDs/each optic

Required components:

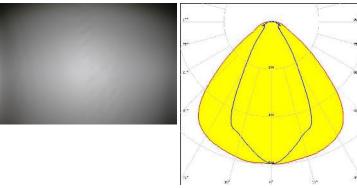
Efficiency



# SAMSUNG

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°

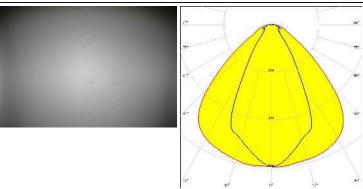
Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:



LED LT-S562H

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°

Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour Required components:

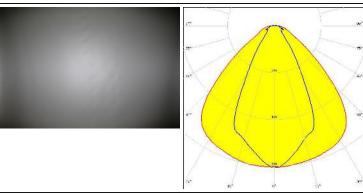


### SAMSUNG

LED LT-V282E

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°

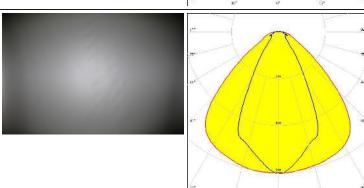
Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:



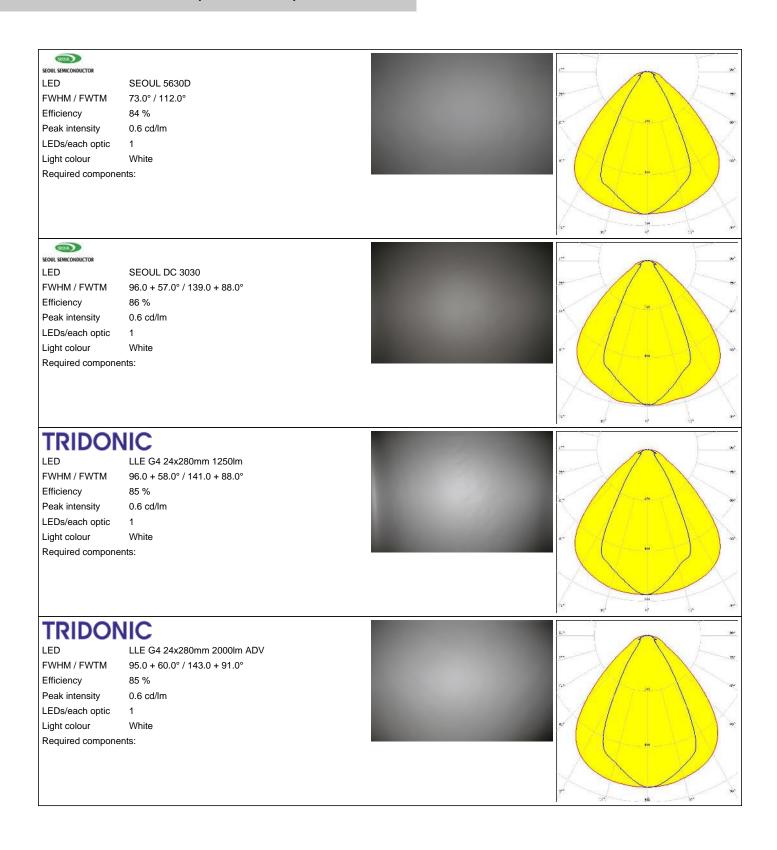
### SAMSUNG

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°

Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic White Light colour Required components:













### **OPTICAL RESULTS (SIMULATED):**

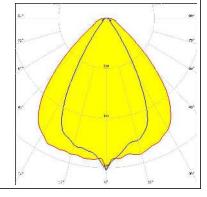
bridgelux

LED Bridgelux SMD 2835

Assembly NULL

FWHM / FWTM 90.0 + 58.0° / 127.0 + 82.0°

Efficiency 81 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



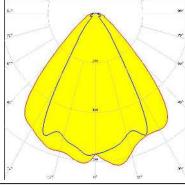


LED LUXEON 3030 2D (Round LES) FWHM / FWTM 89.0 + 60.0° / 125.0 + 80.0°

White

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1

Required components:



SEOUL SEMICONDUCTOR

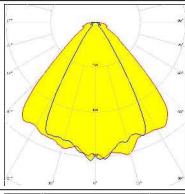
Light colour

LED SEOUL DC 3030C

FWHM / FWTM 92.0 + 60.0° / 134.0 + 80.0°

Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

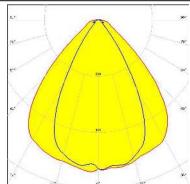


SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 90.0 + 60.0° / 128.0 + 85.0°

Efficiency 77 %
Peak intensity 0.5 cd/lm
LEDs/each optic 2
Light colour White
Required components:





### **OPTICAL RESULTS (SIMULATED):**

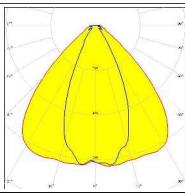


LED SEOUL DC 3528

FWHM / FWTM 91.0 + 48.0° / 122.0 + 77.0°

Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:



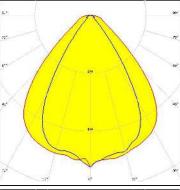
### SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 90.0 + 65.0° / 131.0 + 87.0°

Efficiency 78 %
Peak intensity 0.5 cd/lm
LEDs/each optic 2
Light colour White

Required components:



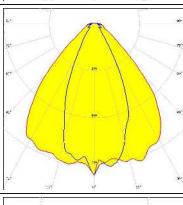
#### SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 88.0 + 48.0° / 122.0 + 76.0°

Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 2
Light colour White

Required components:



### SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 90.0 + 60.0° / 128.0 + 85.0°

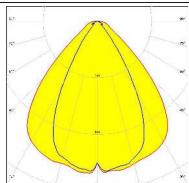
Efficiency 77 %

Peak intensity 0.5 cd/lm

LEDs/each optic 2

Light colour White

Required components:





### **OPTICAL RESULTS (SIMULATED):**

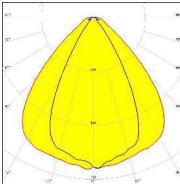


LED SEOUL DC 3528

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$  $92.0 + 59.0^{\circ} / 127.0 + 82.0^{\circ}$ 

Efficiency 77 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White

Required components:



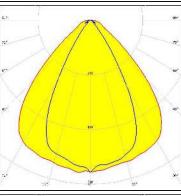
CHOIL SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 92.0 + 59.0° / 128.0 + 82.0°

Efficiency 77 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour

Required components:



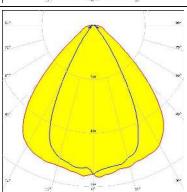
SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$  $92.0 + 59.0^{\circ} / 128.0 + 82.0^{\circ}$ 

Efficiency 78 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White

Required components:





## PRODUCT DATASHEET F15524\_LINNEA-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:**

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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