

#### STELLA-G2-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Compatible with up to 30 mm LES size COBs. Variant with black frame.

#### **SPECIFICATION:**

Dimensions Ø 90.0 mm

Height 40.2 mm

Fastening socket

Ingress protection classes IP67

ROHS compliant yes 1



#### **MATERIALS:**

ComponentTypeMaterialColourFinishSTELLA-G2-T3Single lensSiliconeclearSTELLA-FRAMEHolderPA66black

#### **ORDERING INFORMATION:**

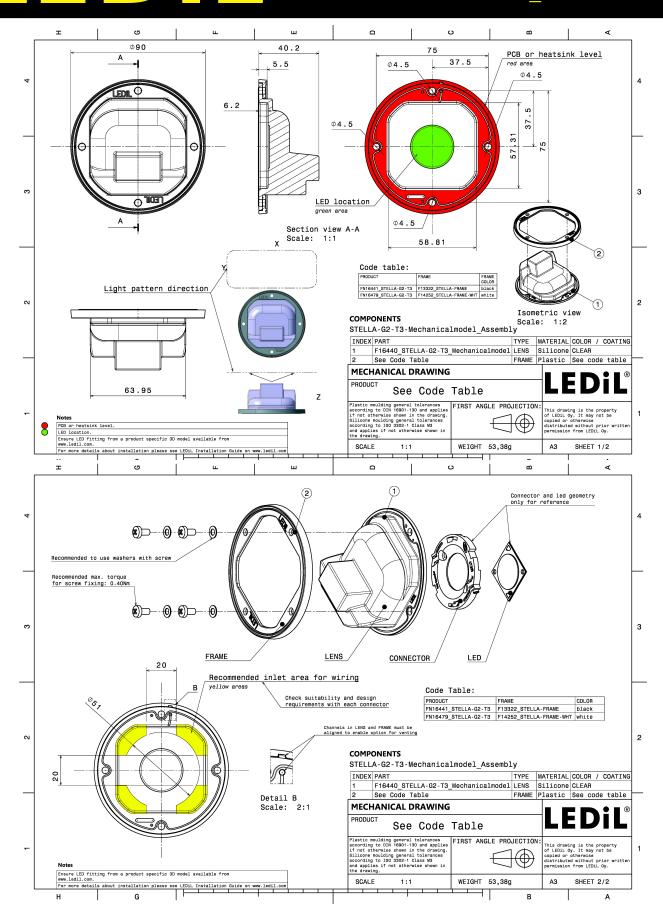
 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 FN16441\_STELLA-G2-T3
 Single lens
 90
 90
 15
 5.6

 » Box size: 480 x 280 x 300 mm
 5.6
 5.6
 5.6
 5.6

Published: 12/07/2019

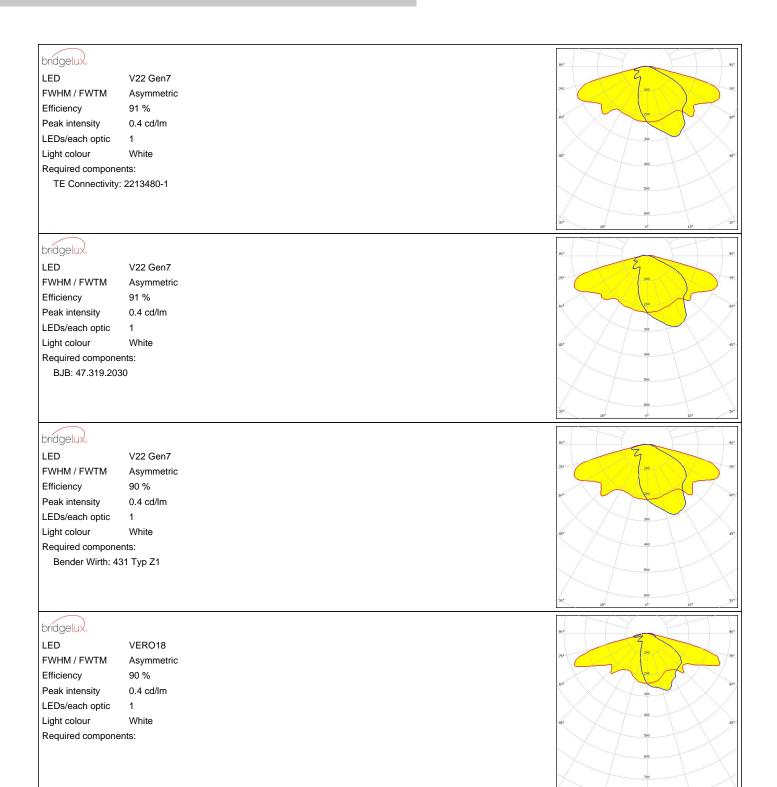
# PRODUCT DATASHEET FN16441\_STELLA-G2-T3



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



#### **OPTICAL RESULTS (MEASURED):**





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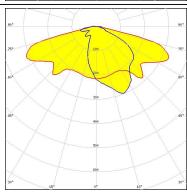
# **CITIZEN**

CLL04x/CLU04x  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 91 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White Required components:

## **CITIZEN**

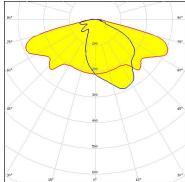
BJB: 47.319.2030

LED CLL04x/CLU04x FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour Required components:



# CREE \$

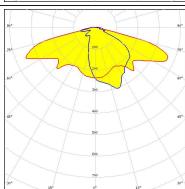
LED CMA3090  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 89 % Peak intensity 0.3 cd/lm LEDs/each optic Light colour White Required components:



### LUMILEDS

LED LUXEON CoB 1211 FWHM / FWTM Asymmetric

Efficiency 90 % Peak intensity 0.4 cd/lm LEDs/each optic White Light colour Required components: Bender Wirth: 431 Typ L3



Published: 12/07/2019

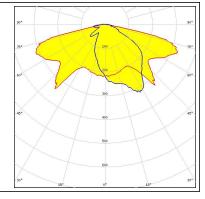


#### **OPTICAL RESULTS (MEASURED):**

# **SAMSUNG**

LED LC040D / LC060D / LC080D

FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



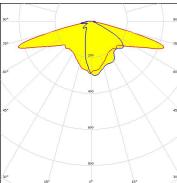


#### **OPTICAL RESULTS (SIMULATED):**

bridgelux

LED V13 Gen7 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 0.5 cd/lm LEDs/each optic Light colour White

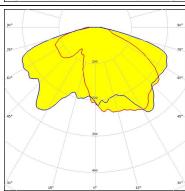
Required components: Bender Wirth: 477 Typ Z1



bridgelux

LED VERO29 FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

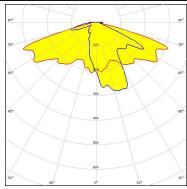


**CITIZEN** 

LED CLL02x/CLU02x (LES10)

FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White

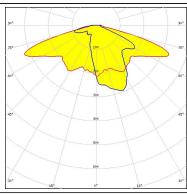
Required components:



**CITIZEN** 

CLL03x/CLU03x FWHM / FWTM Asymmetric 84 % Efficiency Peak intensity 0.5 cd/lm LEDs/each optic White Light colour

Required components:



Published: 12/07/2019

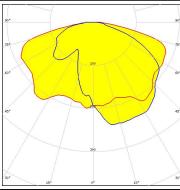


#### **OPTICAL RESULTS (SIMULATED):**

# **CITIZEN**

LED CLL05x/CLU05x
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

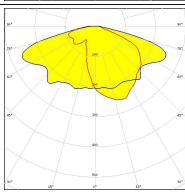
Required components: Bender Wirth: 458 Typ L4



# CREE &

LED CMT28xx
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

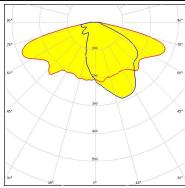
Required components:



# CREE \$

LED CMT28xx
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

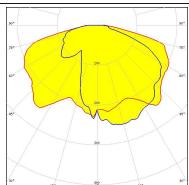
Required components:



#### **DESCRIPTION** LUMILEDS

LED LUXEON CoB 1321

FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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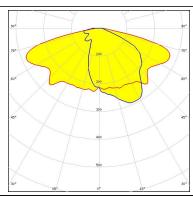
#### **OPTICAL RESULTS (SIMULATED):**

## **PHILIPS**

LED Fortimo SLM L23 + SLM holder (PI)

FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

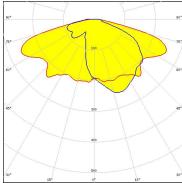
Required components:



# SEOUL SEMICONDUCTOR

LED MJT COB LES 22
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

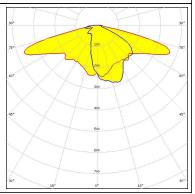
Required components:



# **TRIDONIC**

LED SLE G7 LES17
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components: Bender Wirth: 466 Typ Z1





# PRODUCT DATASHEET FN16441\_STELLA-G2-T3

#### **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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# Local sales and technical support

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