

### **ANGELINA-S-B**

~20° spot beam compatible with BJB and B+W connectors

#### **SPECIFICATION:**

Dimensions Ø 82.0 mm
Height 31 mm
Fastening socket
ROHS compliant yes ①



#### **MATERIALS:**

ComponentTypeMaterialColourFinishCoatingANGELINA-S-BReflectorPCmetalHMDS

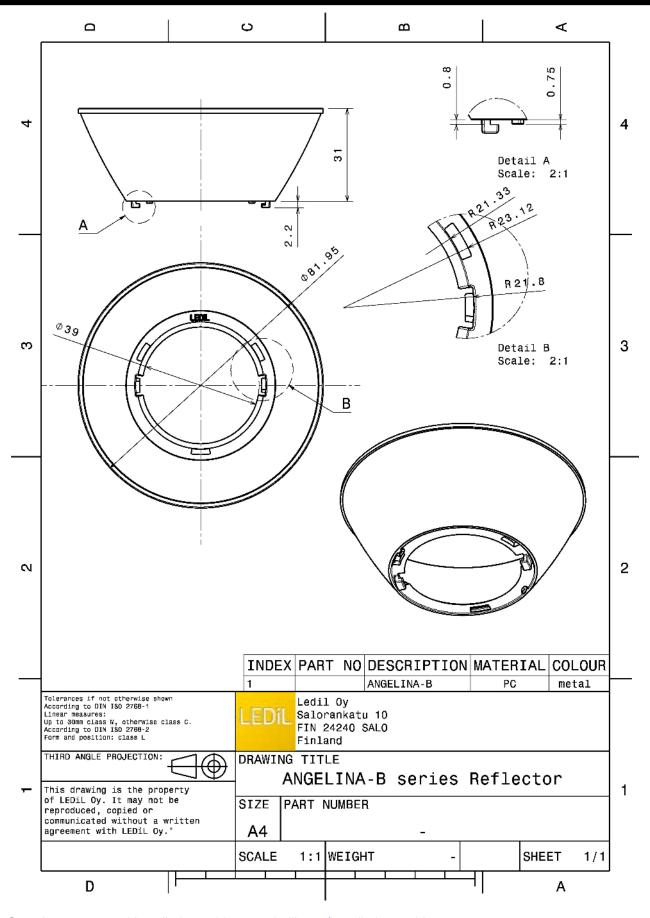
#### **ORDERING INFORMATION:**

Component

F13659\_ANGELINA-S-B » Box size: 480 x 280 x 300 mm 
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

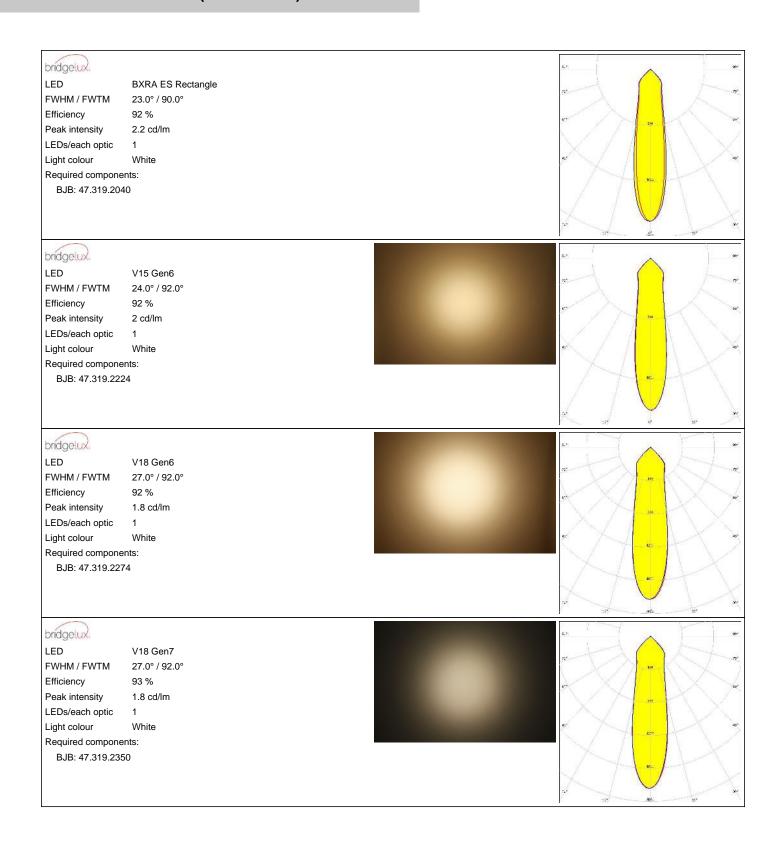
 825
 110
 55
 11.3



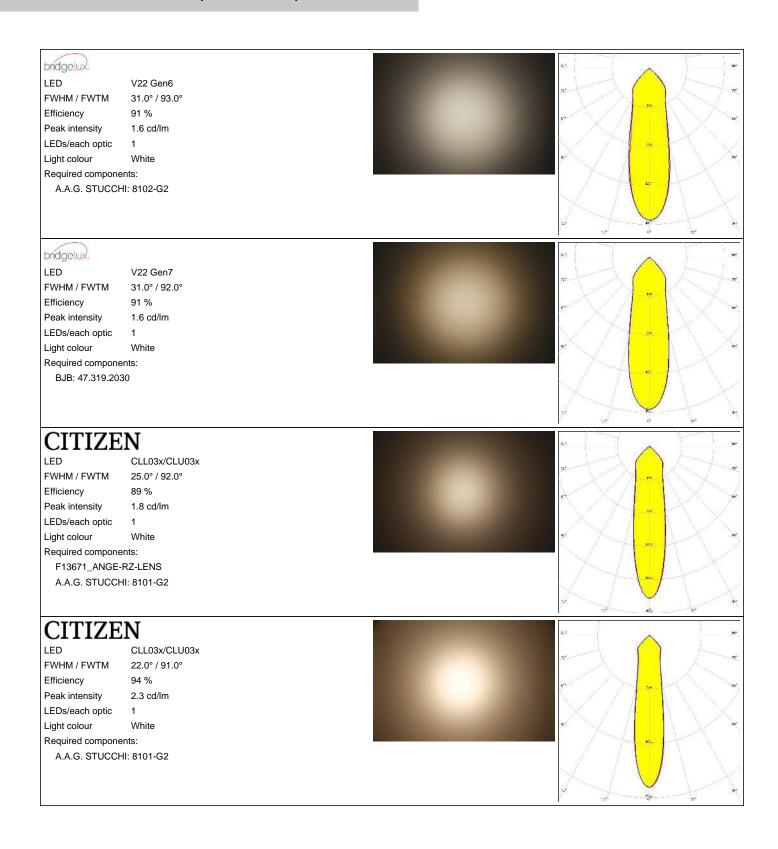


See also our general installation guide: www.ledil.com/installation\_guide

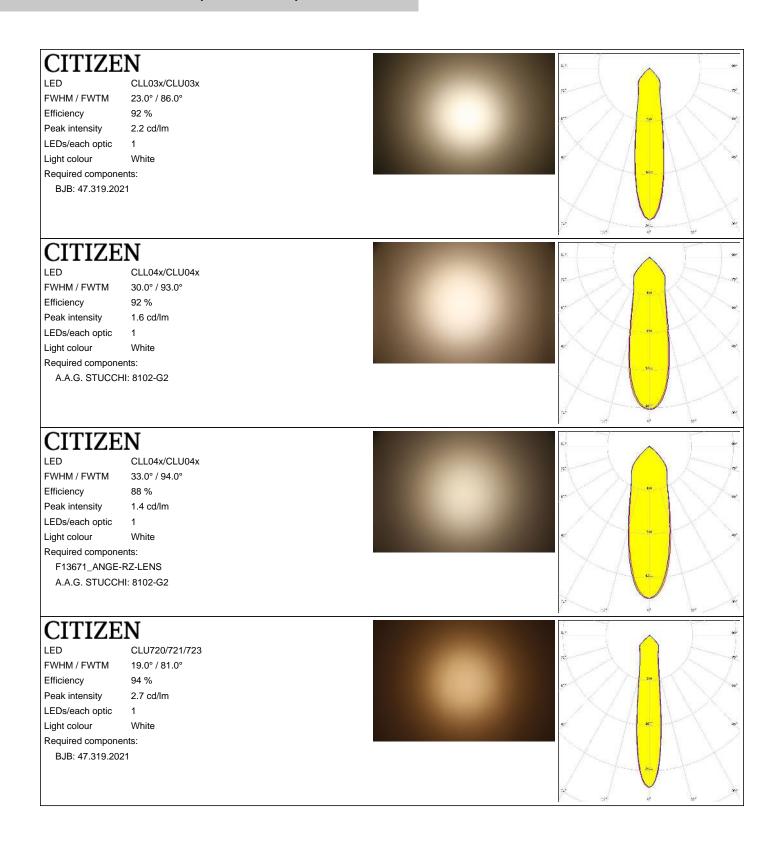




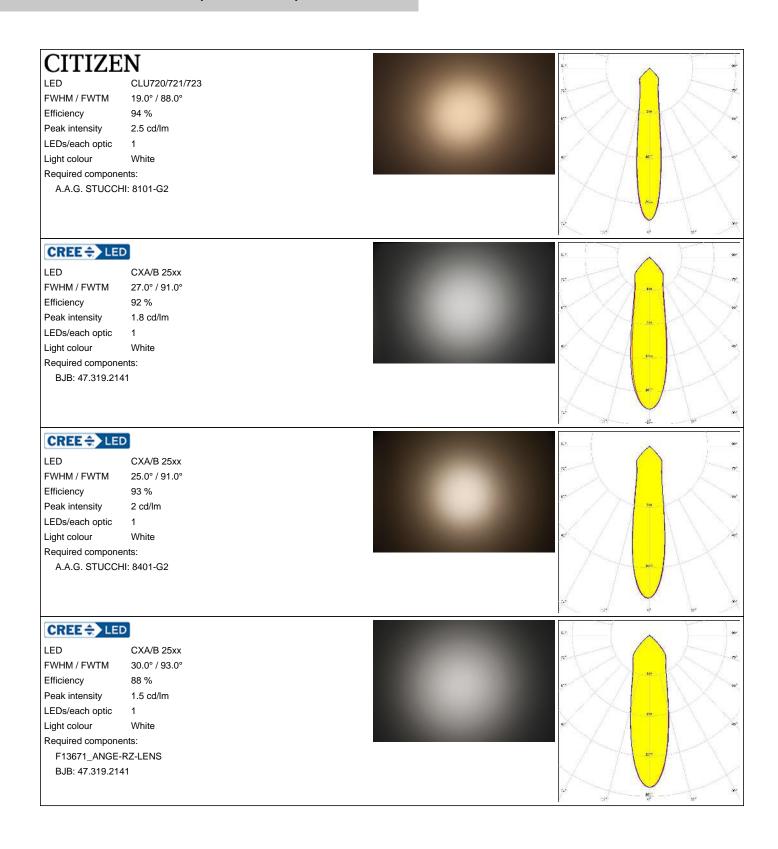




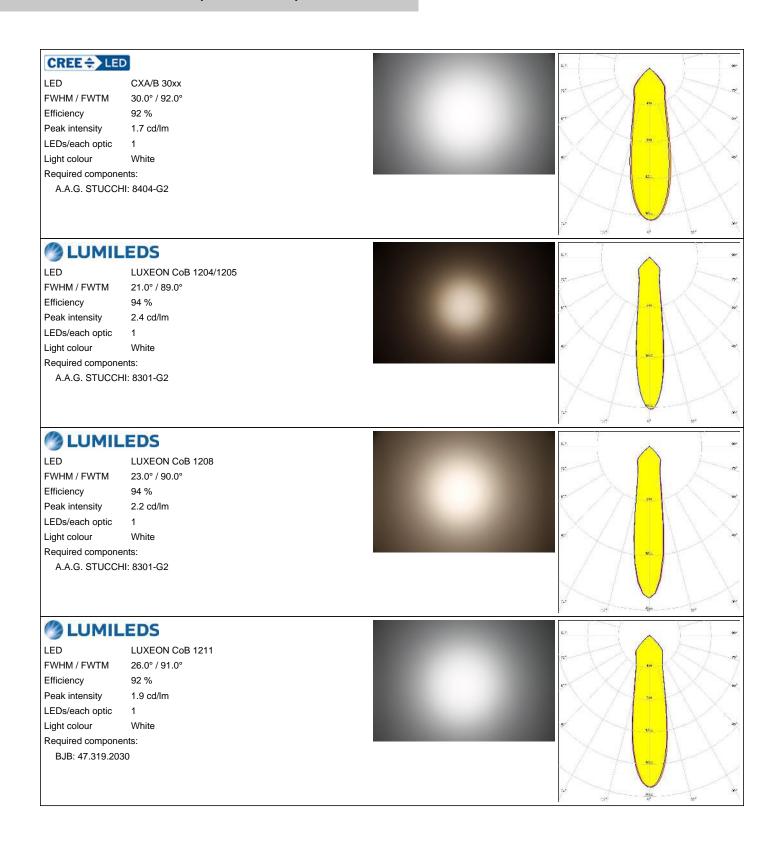




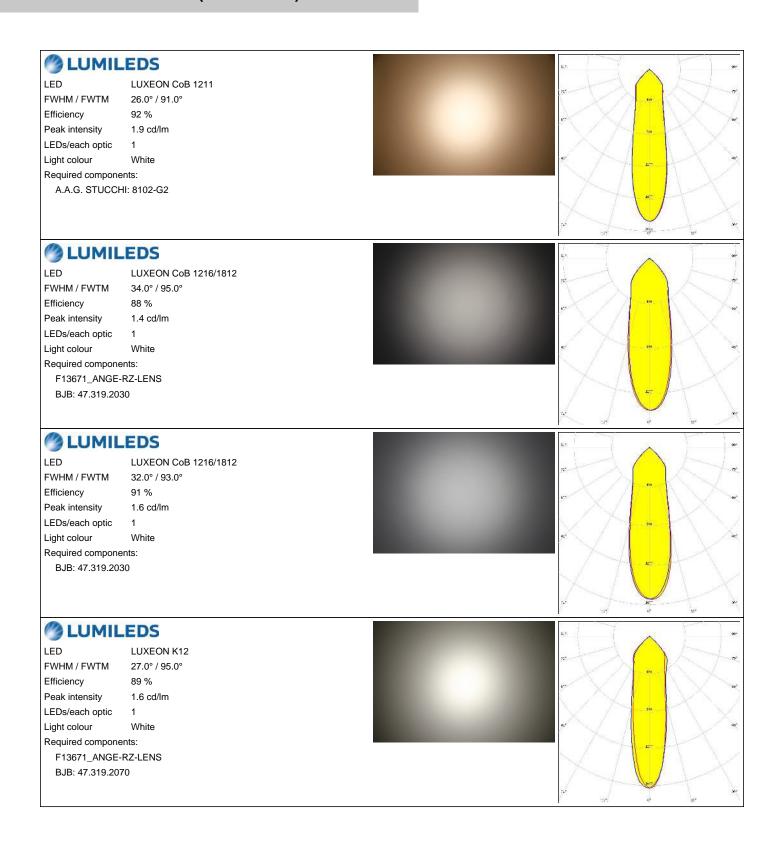




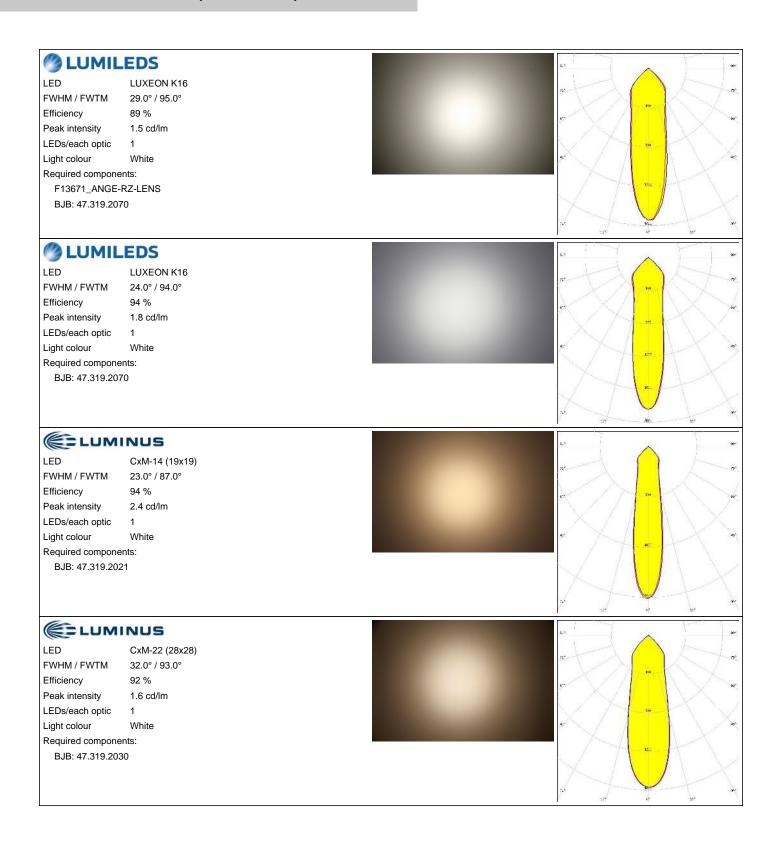




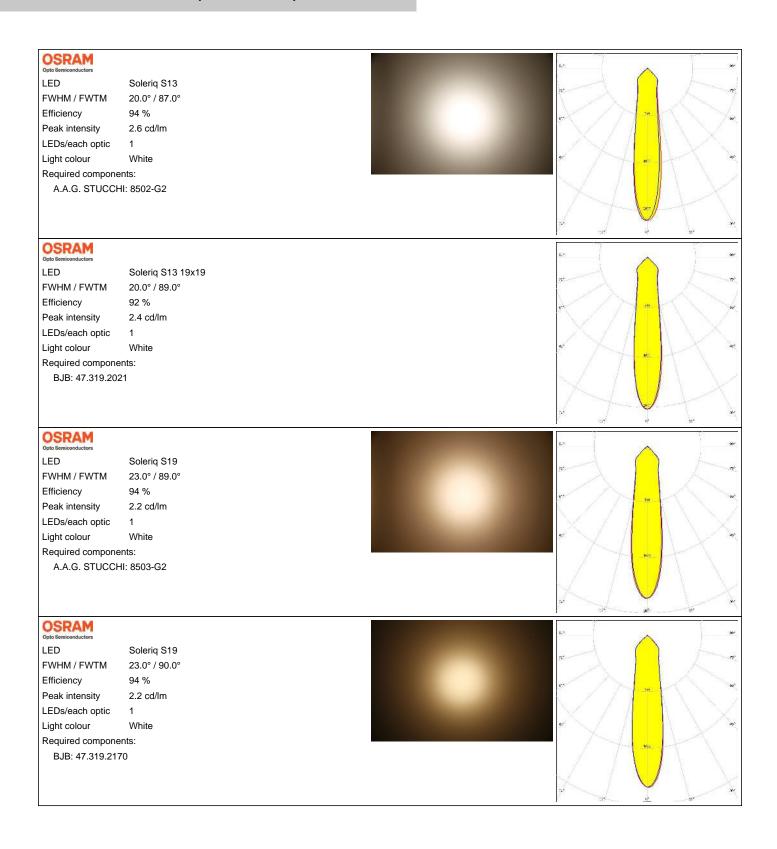












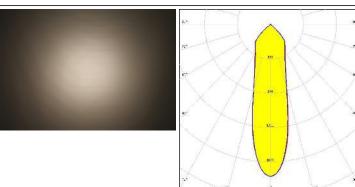


# PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 27.0° / 92.0° Efficiency 93 % Peak intensity 1.8 cd/lm LEDs/each optic 1

Light colour White Required components: BJB: 47.319.2030



### PHILIPS

LED Fortimo SLM L19 CoB

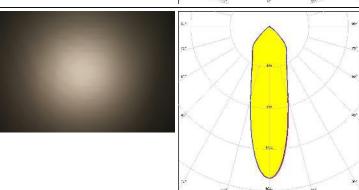
FWHM / FWTM 30.0° / 94.0°

Efficiency 88 %

Peak intensity 1.5 cd/lm

LEDs/each optic 1

Light colour White
Required components:
F13671\_ANGE-RZ-LENS
BJB: 47.319.2030



# PHILIPS

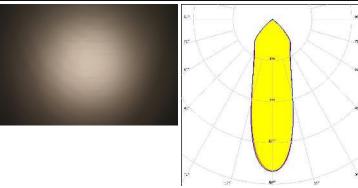
LED Fortimo SLM L23 CoB

 FWHM / FWTM
 32.0° / 95.0°

 Efficiency
 93 %

 Peak intensity
 1.5 cd/lm

LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



# **PHILIPS**

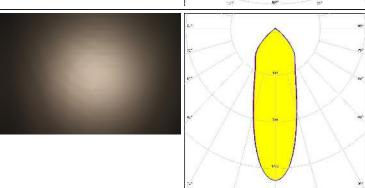
Light colour

LED Fortimo SLM L23 CoB

White

FWHM / FWTM 34.0° / 95.0°
Efficiency 88 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1

Required components: F13671\_ANGE-RZ-LENS BJB: 47.319.2030

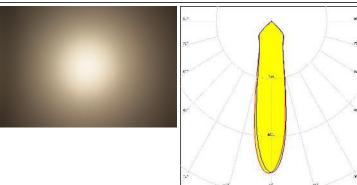




# SAMSUNG

LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 24.0° / 91.0° Efficiency 93 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour White Required components: A.A.G. STUCCHI: 8101-G2

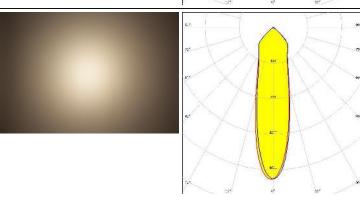


# SAMSUNG

LC016D / LC019D / LC026D / LC033D LED

FWHM / FWTM 27.0° / 93.0° Efficiency 89 % Peak intensity 1.7 cd/lm LEDs/each optic 1 White Light colour Required components:

F13671\_ANGE-RZ-LENS BJB: 47.319.2021

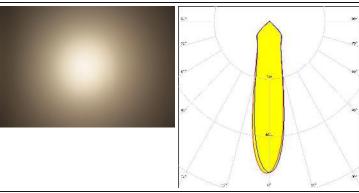


# SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 24.0° / 91.0° Efficiency 93 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour White

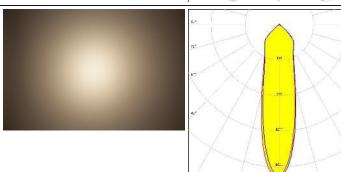
Required components: BJB: 47.319.2021



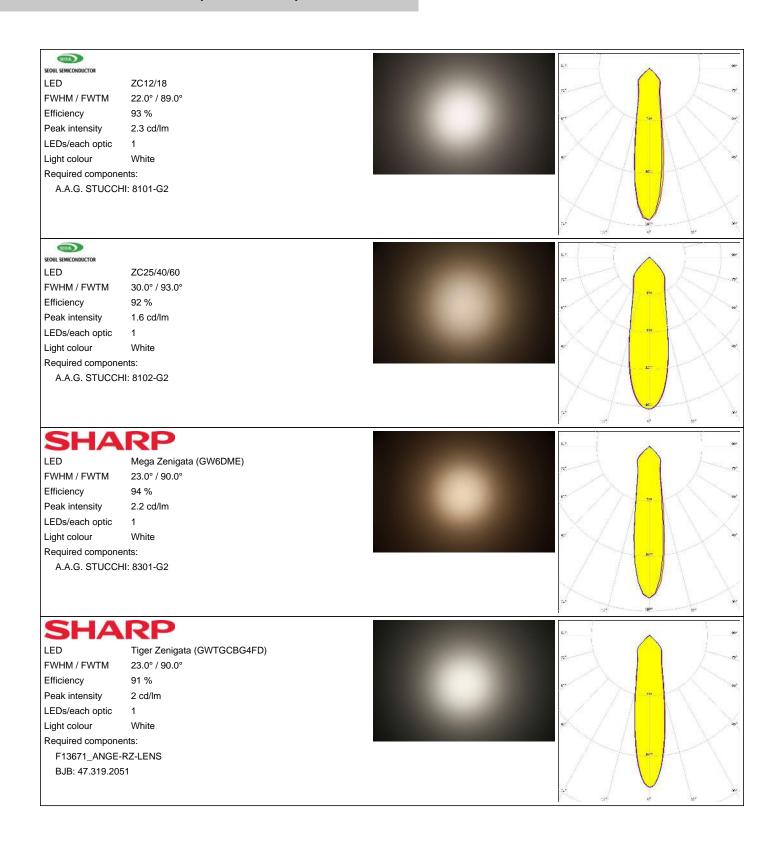
# SAMSUNG

LC016D / LC019D / LC026D / LC033D

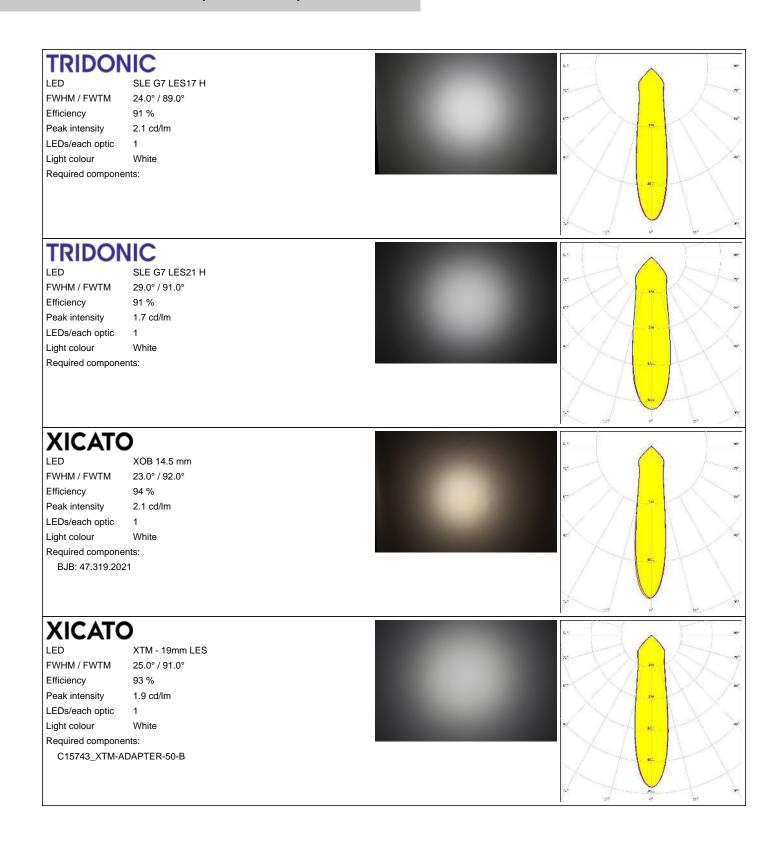
FWHM / FWTM 27.0° / 93.0° Efficiency 89 % Peak intensity 1.7 cd/lm LEDs/each optic White Light colour Required components: F13671\_ANGE-RZ-LENS A.A.G. STUCCHI: 8101-G2













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

# **CITIZEN**

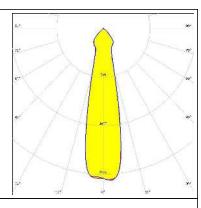
LED CLL04x/CLU04x
FWHM / FWTM 24.0° / 79.0°

Efficiency 89 %
Peak intensity 2.5 cd/lm

LEDs/each optic 1

Light colour White

Required components: BJB: 47.319.2315



# **CITIZEN**

LED CLL04x/CLU04x
FWHM / FWTM 22.0° / 68.0°
Efficiency 95 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White

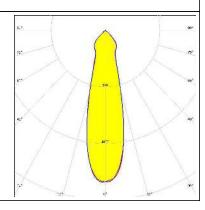
Required components: BJB: 47.319.2030

# SAMSUNG

LED LC040D / LC060D / LC080D

FWHM / FWTM 27.0° / 85.0°
Efficiency 90 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White

Required components: BJB: 47.319.2030





# PRODUCT DATASHEET F13659 ANGELINA-S-B

#### **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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