

#### **OLGA-M**

 ${\sim}30^{\circ}$  wide beam. Assembly with holder and installation tape.

## **TECHNICAL SPECIFICATIONS:**

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes 🕕



#### **MATERIAL SPECIFICATIONS:**

Component	Type	Material	Colour	Finish
OLGA-M	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

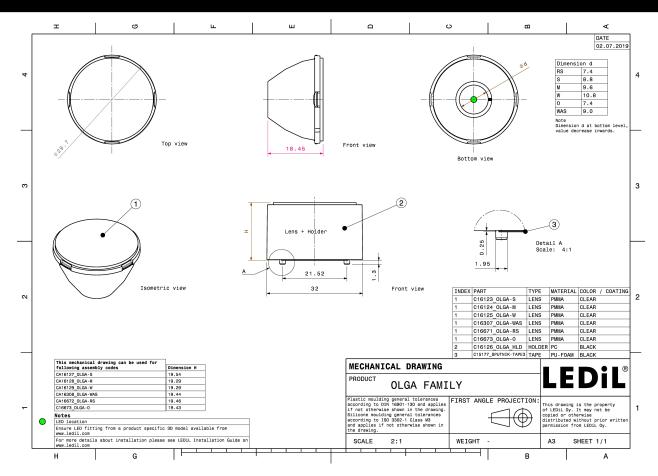
#### **ORDERING INFORMATION:**

» Box size: 476 x 273 x 292 mm

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16128_OLGA-M	Single lens	792	132	66	9.8

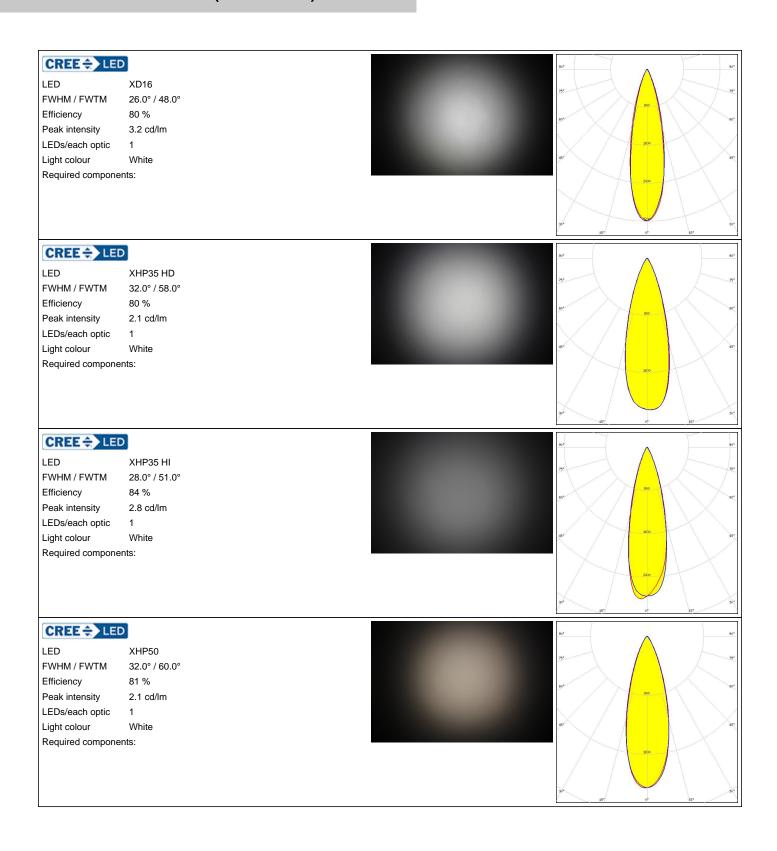


# PRODUCT DATASHEET CA16128\_OLGA-M



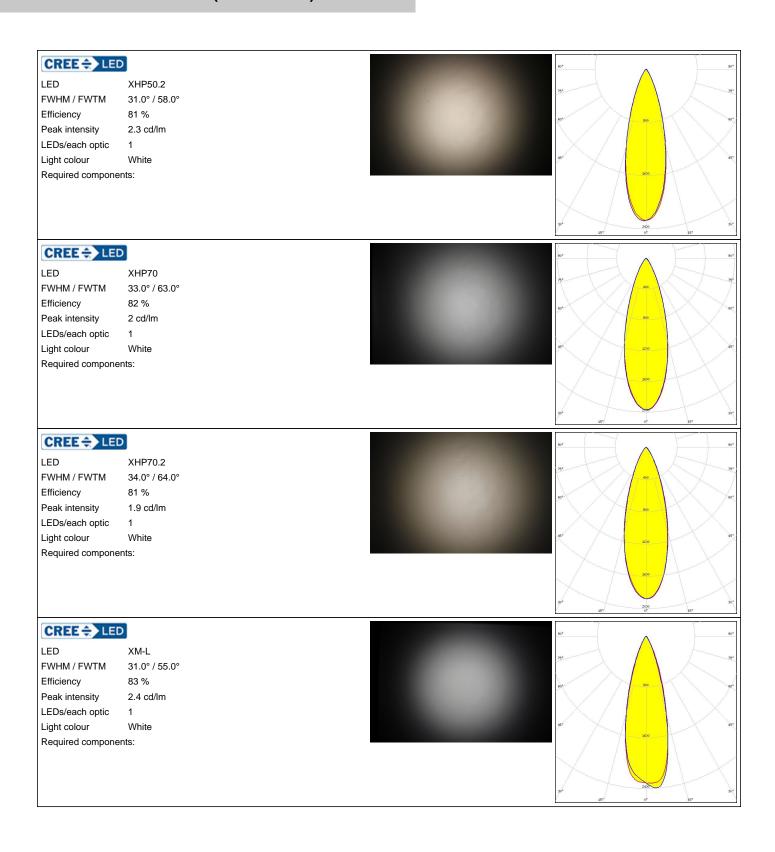
See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>





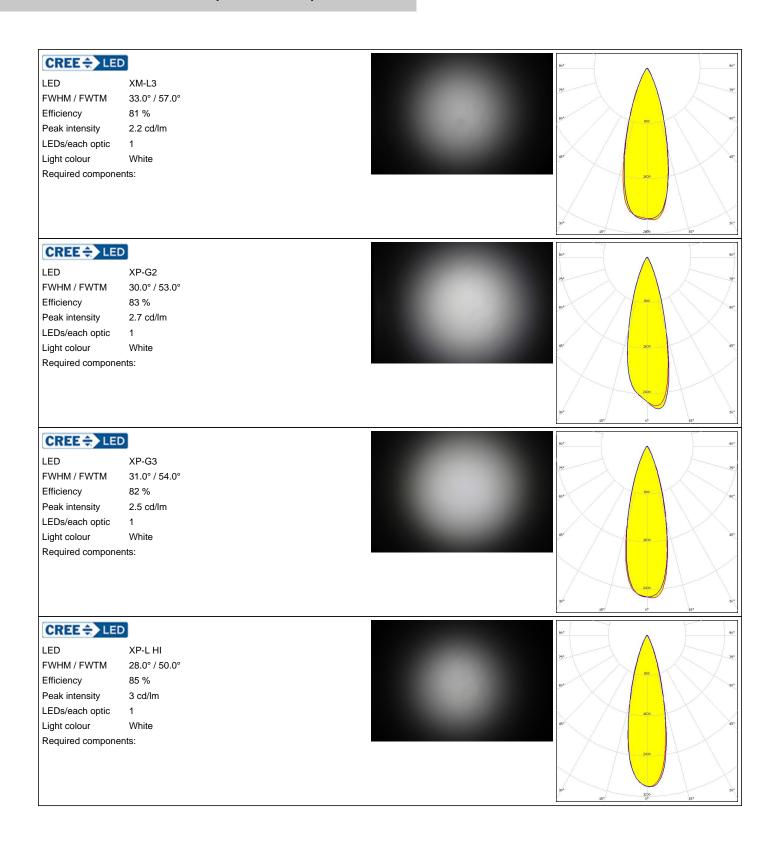
3/20



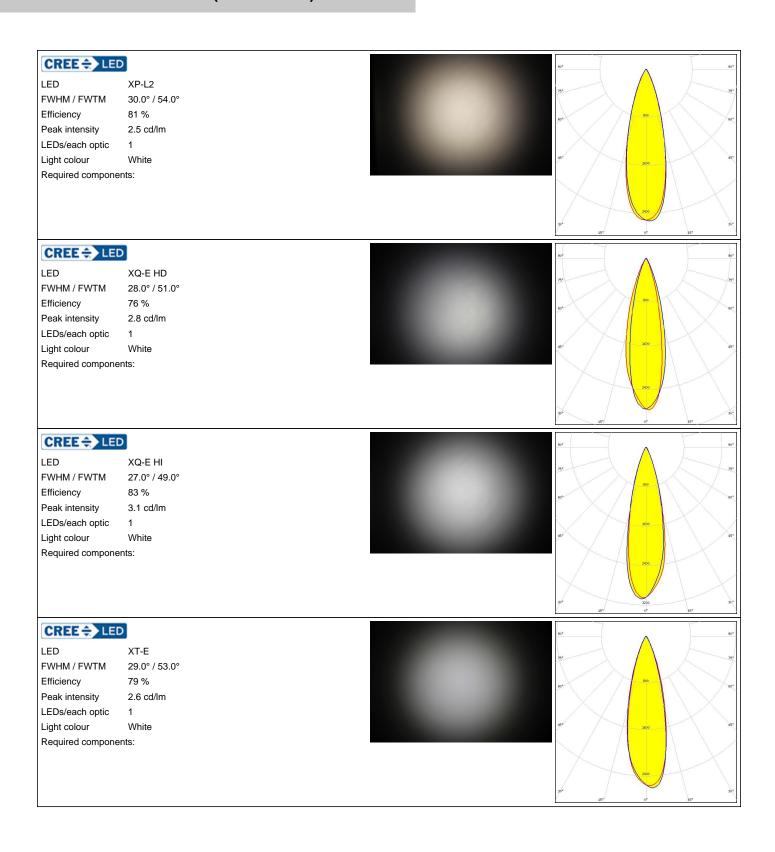


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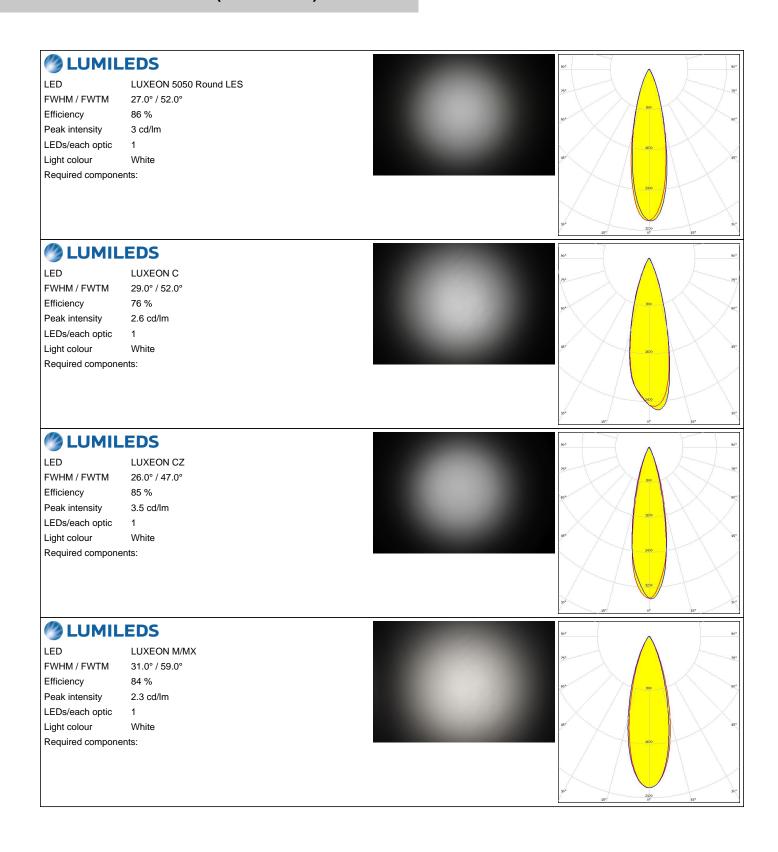




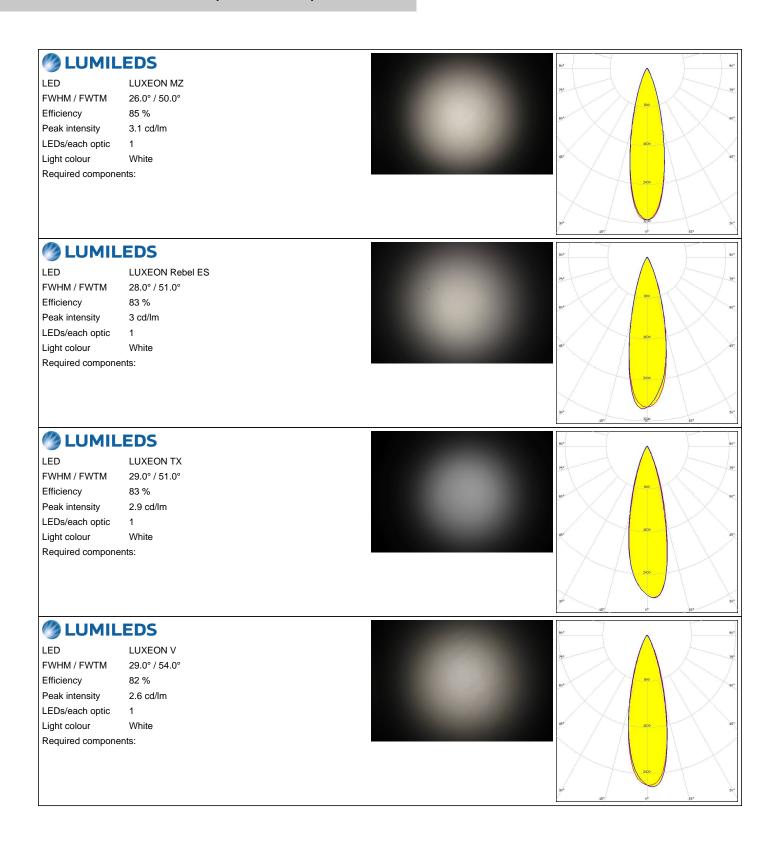


6/20

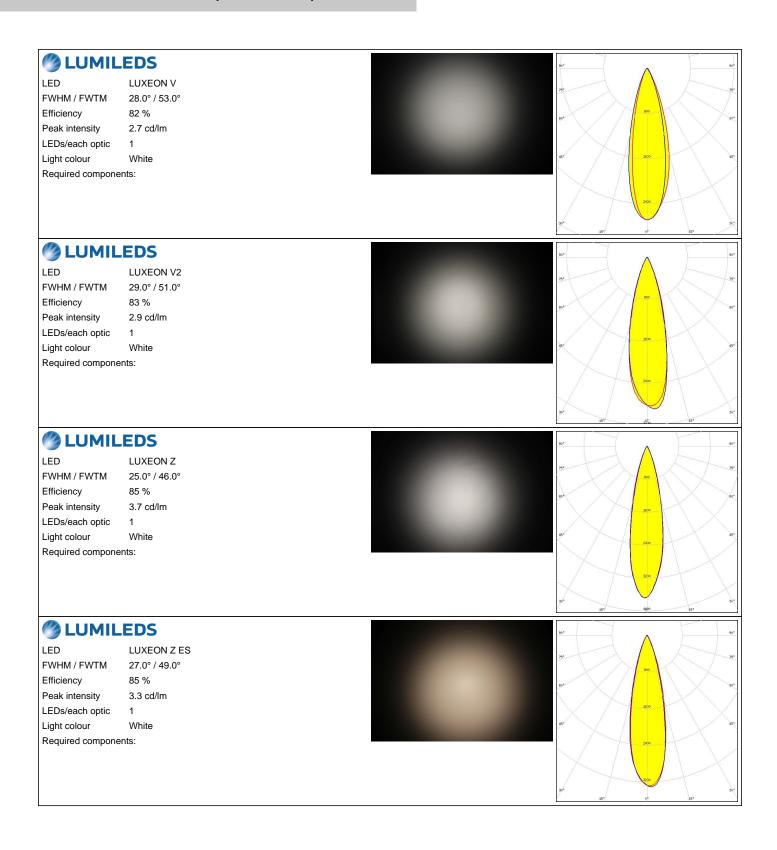




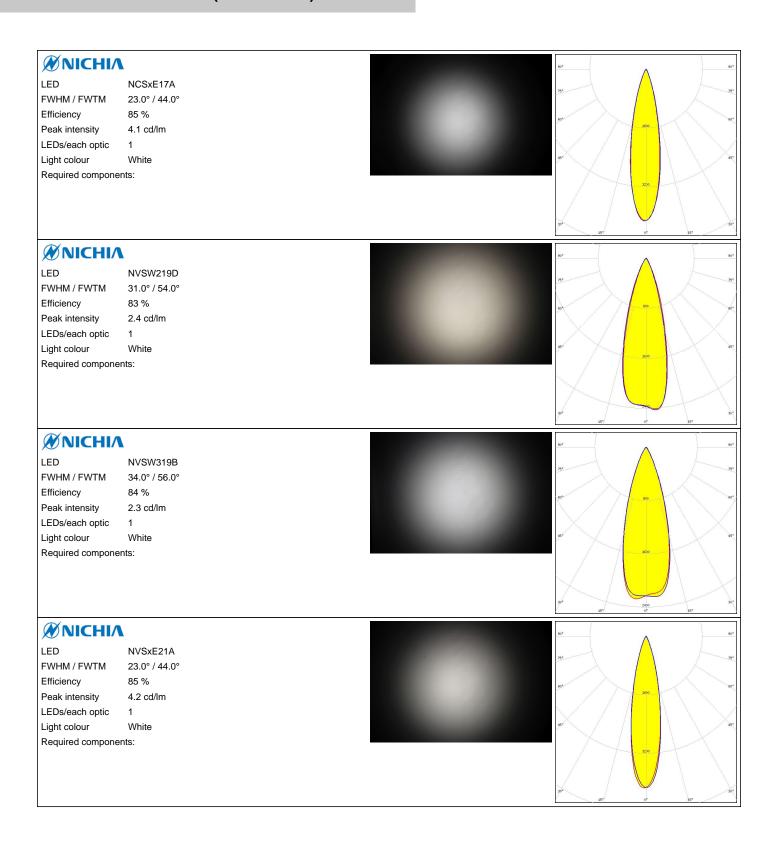




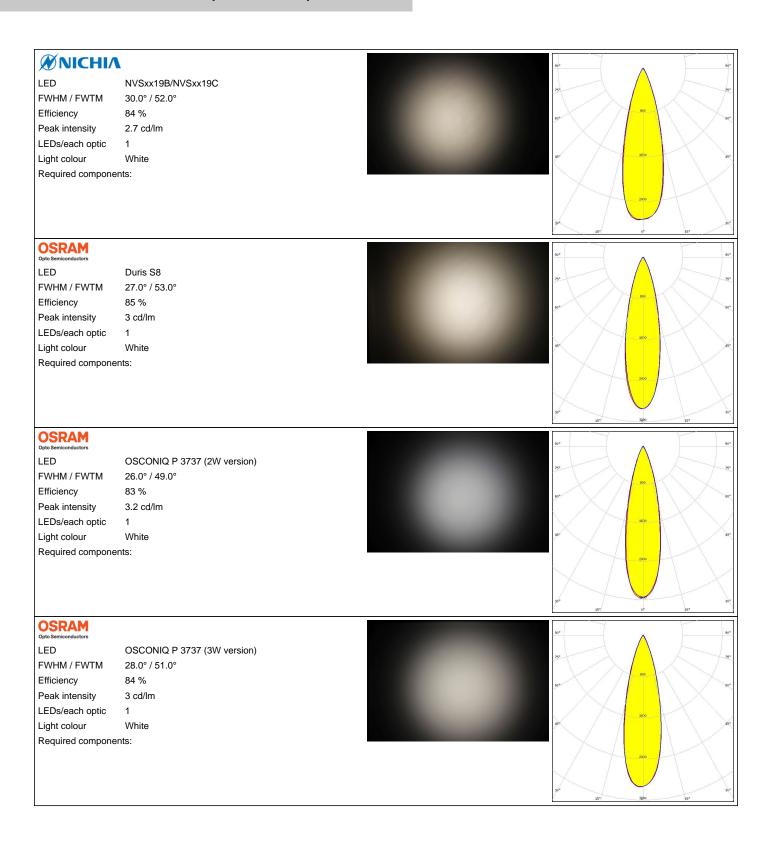




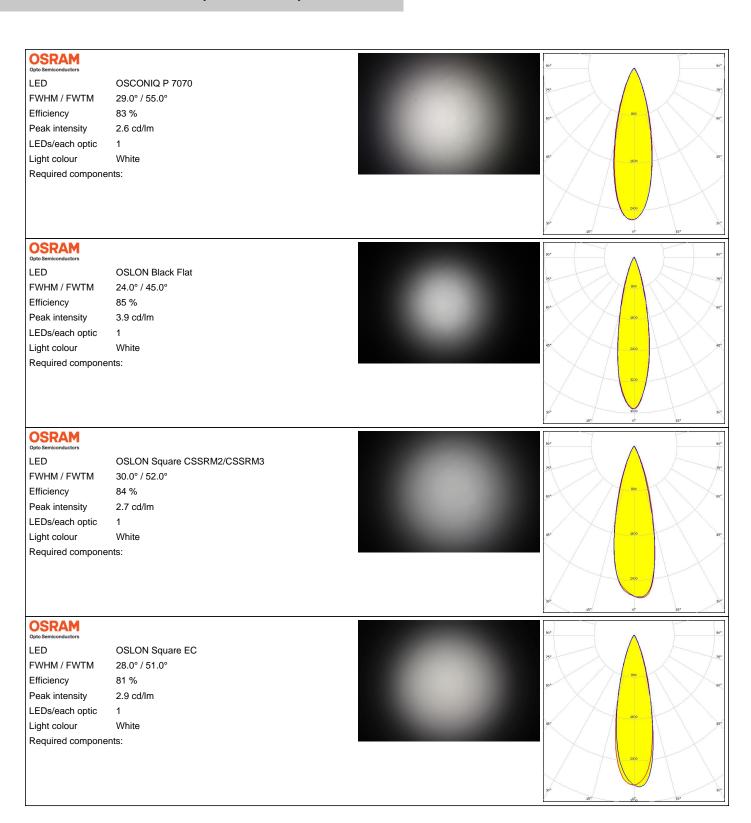




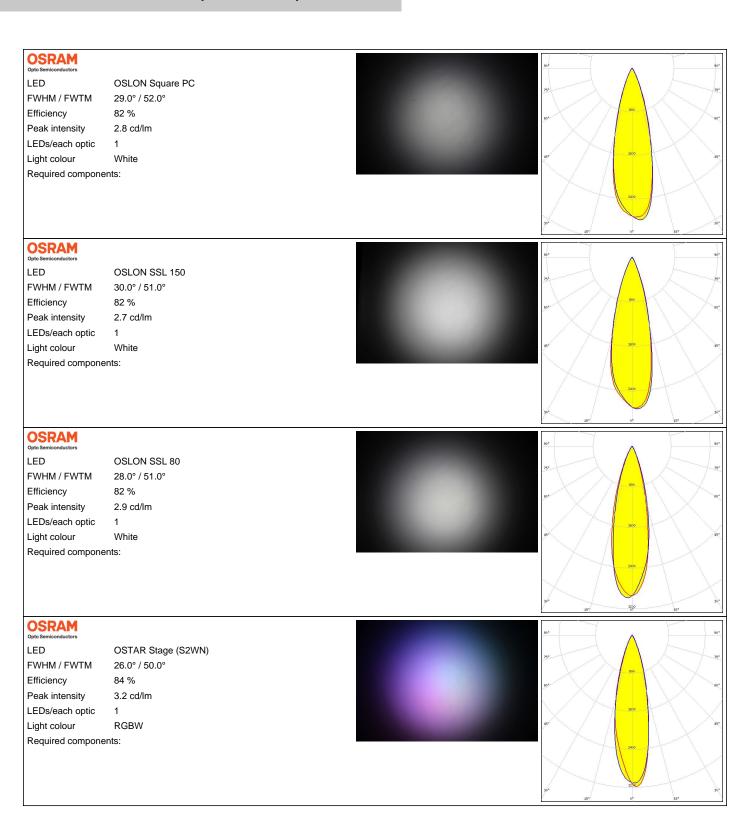




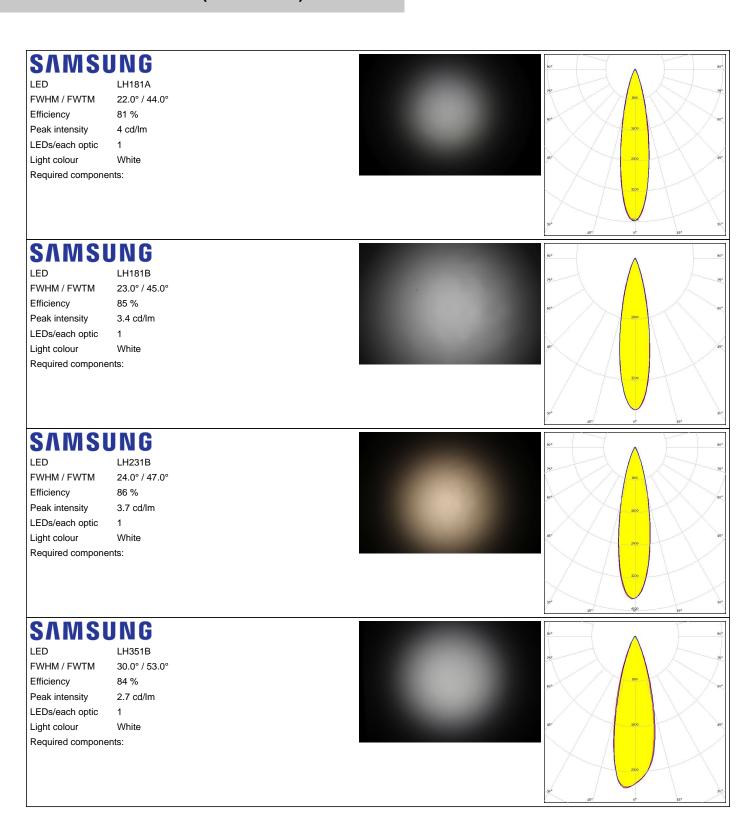




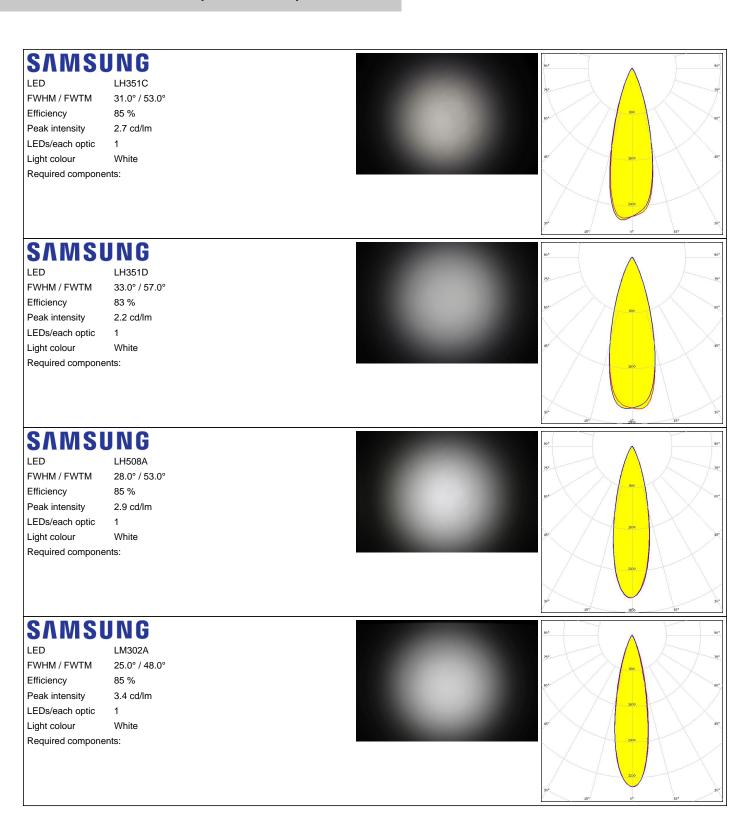




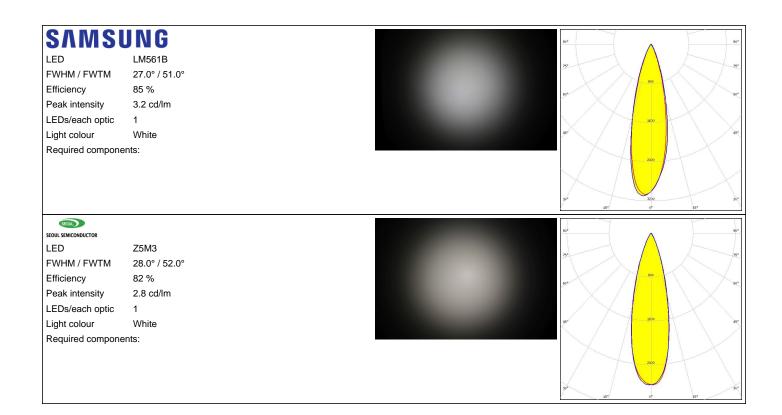














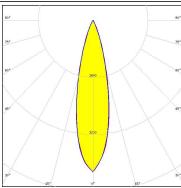
## PHOTOMETRIC DATA (SIMULATED):



LED J Series 5050 Round LES

FWHM / FWTM 25.0° / 46.0°
Efficiency 92 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

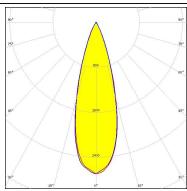


#### CREE - LED

LED XHP50.3 HD FWHM / FWTM 31.0 + 30.0° / 52.0°

Efficiency 83 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### CREE + LED

 LED
 XHP50.3 HI

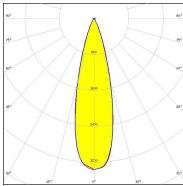
 FWHM / FWTM
 28.0° / 48.0°

 Efficiency
 95 %

 Peak intensity
 3.4 cd/lm

LEDs/each optic 1
Light colour White
Required components:

n

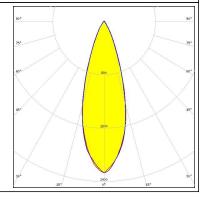


#### CREE - LED

LED XHP70.3

FWHM / FWTM 33.0 + 32.0° / 58.0°

Efficiency 82 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



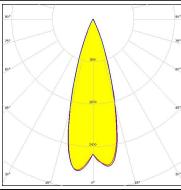


## PHOTOMETRIC DATA (SIMULATED):

## CREE 1 LED

LED XP-G2 HE
FWHM / FWTM 33.0° / 50.0°
Efficiency 89 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1

Light colour
Required components:



#### **WNICHIA**

LED COB S-Type (LES 7)

White

FWHM / FWTM 32.0° / 58.0°

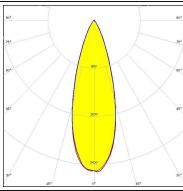
Efficiency 91 %

Peak intensity 2.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



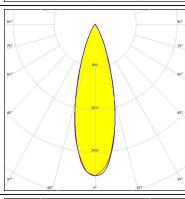
#### **WNICHIA**

LED COB T-Type FWHM / FWTM 30.0° / 56.0°

Efficiency 91 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1

Light colour White

Required components:



## **WNICHIA**

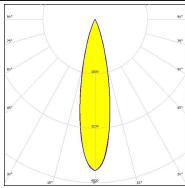
 LED
 NCSxE17A

 FWHM / FWTM
 24.0° / 44.0°

 Efficiency
 88 %

Peak intensity 4.5 cd/lm LEDs/each optic 4 Light colour White

Required components:





## PHOTOMETRIC DATA (SIMULATED):

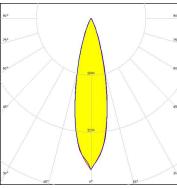
#### **WNICHIA**

LED NFMW48xA  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 25.0° / 47.0° 92 %

Efficiency Peak intensity 4.3 cd/lm

LEDs/each optic Light colour White

Required components:

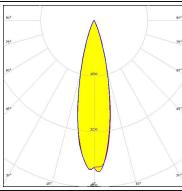


#### **WNICHIA**

LED NV4WB35AM FWHM / FWTM 25.0° / 44.0°

Efficiency 91 % Peak intensity 4.4 cd/lm LEDs/each optic 1

White Light colour Required components:



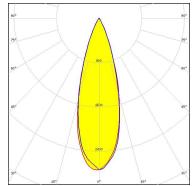
#### **WNICHIA**

LED NV4x144A FWHM / FWTM 31.0° / 54.0°

Efficiency 86 % Peak intensity 2.7 cd/lm

LEDs/each optic 1 Light colour White

Required components:



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## PRODUCT DATASHEET CA16128 OLGA-M

#### **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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