

# PRODUCT DATASHEET FA10886\_TINA-RS

# TINA-RS

~13° spot beam optimized for Osram Golden Dragon+. Assembly with holder and installation tape.

### **SPECIFICATION:**

Dimensions	Ø 16.1
Height	10.1 mm
Fastening	tape
ROHS compliant	yes 🕕



### **MATERIALS:**

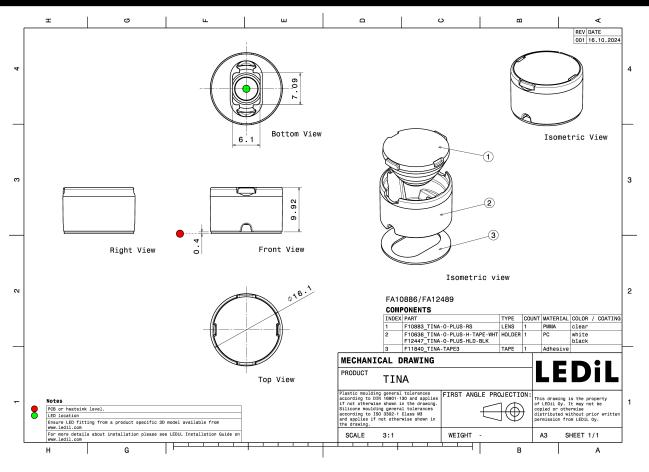
Component	Туре	Material	Colour	Finish	Length (mm)
TINA-O-PLUS-RS	Single lens	PMMA	clear		
TINA-O-PLUS-H-TAPE-WHT	Holder	PC	white		
TINA-TAPE3	Таре	Acrylic foam	black		

## **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA10886_TINA-RS	2016	288	144	4.1
» Box size:				



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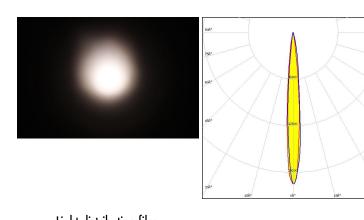
See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



# **OPTICAL RESULTS (MEASURED):**

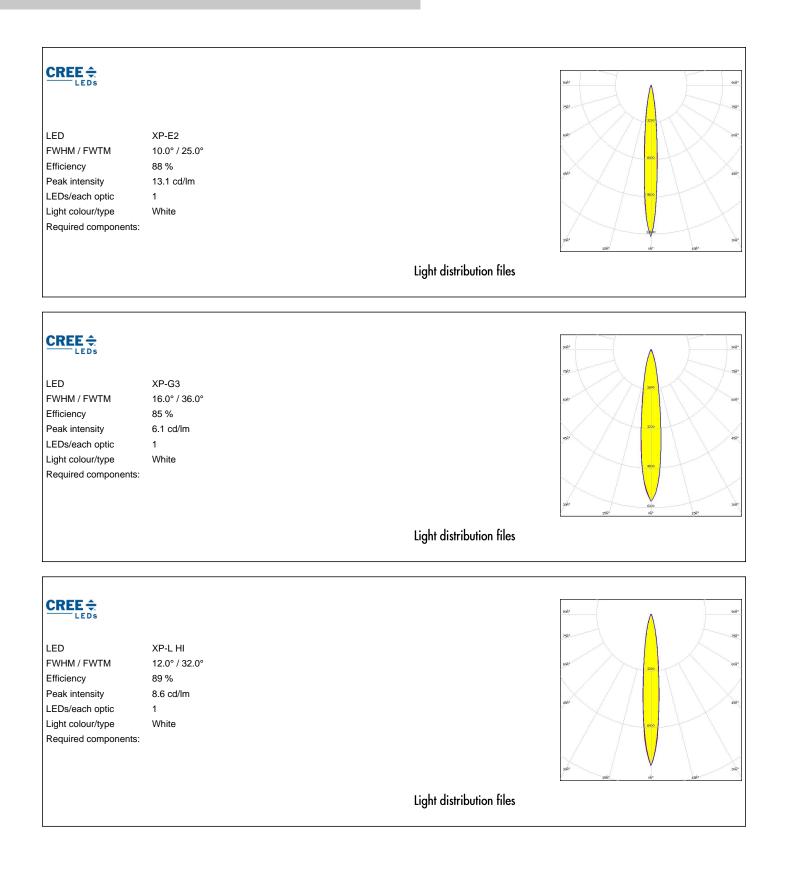
#### OSRAM Opto Semiconductors

LED	Golden Dragon+	
FWHM / FWTM	10.0° / 19.0°	
Efficiency	93 %	
Peak intensity	20.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

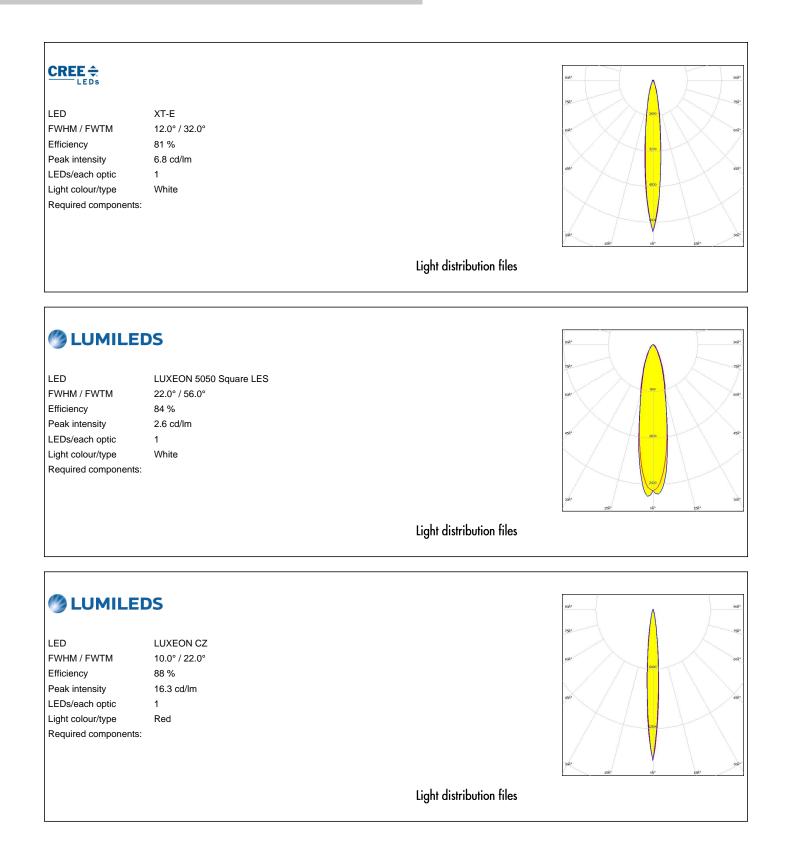


Light distribution files







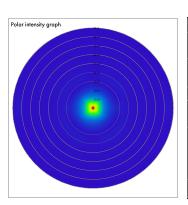


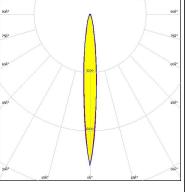


# UMILEDS

LED	LUXE
FWHM / FWTM	10.0°
Efficiency	80 %
LEDs/each optic	1
Light colour/type	IR
Required components:	

LUXEON IR Domed 150 (L1I0-0xxx150000000) 10.0° / 28.0° 80 % 1 IR





Light distribution files

#### **Μ**ΝΙCΗΙΛ NV4WB35AM I FD 18.0° / 46.0° FWHM / FWTM 85 % Efficiency 3.7 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files **ΜΝΙCΗΙΛ** LED NV4WB35AM FWHM / FWTM 18.0° / 45.0° Efficiency 85 % Peak intensity 3.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



#### **ΜΝΙCΗΙΛ** I FD NVSW219F FWHM / FWTM 14.0° / 34.0° Efficiency 88 % Peak intensity 7.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ NVSW519A I FD 19.0° / 40.0° FWHM / FWTM Efficiency 85 % Peak intensity 5.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ NVSxx19B/NVSxx19C LED FWHM / FWTM 14.0° / 34.0° 84 % Efficiency Peak intensity 6.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



#### OSRAM Opto Semiconductors LED OSLON Boost HX (KW CULPM1.TG) FWHM / FWTM 11.0° / 27.0° Efficiency 88 % Peak intensity 11.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductors Polar intensity graph SFH 4716AS I FD FWHM / FWTM 8.0° / 26.0° Efficiency 83 % LEDs/each optic 1 Light colour/type IR Required components: Light distribution files SAMSUNG 90Å LED LH351C FWHM / FWTM 16.0° / 37.0° Efficiency 91 % Peak intensity 6.4 cd/lm ès: LEDs/each optic 1 Light colour/type White Required components:

Light distribution files



#### **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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