# High Intensity Spot Lights OPT-PIG series New product



High-Intensity Spot Light FOV

Tested with the same camera and

telecentric lens in the same setup.

The high-intensity spot light enabled an exposure time of just

spot light, 400 µs were required.

The brightness of high-intensity

spot light is over 5 times higher.

1.0

enabled an exposure time of just  $80 \mu s$ , while with the standard  $\frac{1}{2}$ 

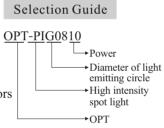
Light Intensity

#### Product Features

- **1** Five times higher intensity than standard lights
- **2** Housing temperature remains  $< 45^{\circ}$ C thanks to elaborated heat release design
- **3** Over 400,000 lux thanks to special lighting-guide tube
- Uniformity of > 85%

#### Application Areas

- Detection of condensate
- ◆ Screw surface defects inspection, convex and concave points inspection
- Pitch measurement of connectors
- ◆ Inspection of soldering points



#### **Customization Options**



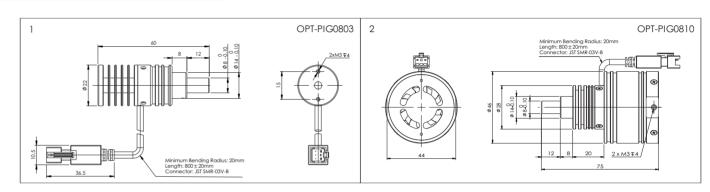
#### Application Examples

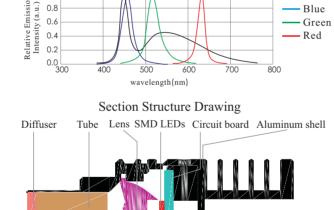


### Model Table

No.	Model	Output	Color	Recommended Controller
1	OPT-PIG0803	0.7A/2.4W	000	OPT-APA0705
2	OPT-PIG0810	0.8A/9.6W	000	OPT-APA0812

## Dimensional Drawings [mm]





224

64

32

Spectrum Chart

Standard Spot Light FOV

Uniformity Chart

306 612 918 1224 1530 1836 2142 2448

Pixel

