



**HESTORE.HU**

elektronikai alkatrész áruház

**EN:** This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at [www.hestore.hu](http://www.hestore.hu).

■ **Features**

- Light up LED without wires
- Built-in chip LED (LxWxT) of 1.6 x 0.8 x 0.6mm
- Small size Ø4.8mm x H5.0mm
- No batteries needed
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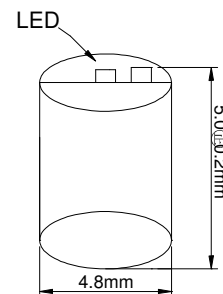
■ **Applications**

- Models
- Toys
- Games & etc.

■ **Photo**



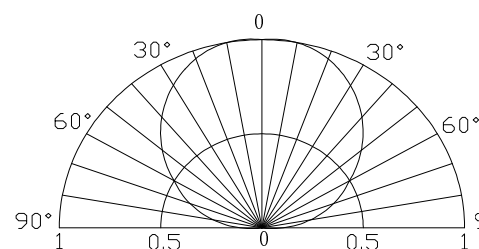
■ **Outline Dimension**












■ **Absolute Maximum Rating** (Ta=25°C)

Item	Symbol	Value	Unit
Power Dissipation	P <sub>D</sub>	102	mW
Operating Temperature	T <sub>opr</sub>	-40 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +85	°C

■ **Directivity**



■ **Electrical -Optical Characteristics** (Ta=25°C)

Part Number	Color			I <sub>v</sub> (mcd)			λD(nm)			2θ1/2(deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I <sub>F</sub> =20mA						
OSWM43-M5W	Warm White	M5		-	500	-	-	CCT:3000K	-	120
OSWM43-W5W	White	W5		-	550	-	-	CCT:10000K	-	120
OSWM43-B5W	Blue	B5		-	100	-	-	470	-	120
OSWM43-G5W	True Green	G5		-	600	-	-	525	-	120
OSWM43-Y5W	Yellow	Y5		-	120	-	-	590	-	120
OSWM43-R5W	Red	R5		-	120	-	-	625	-	120
# OSWM43-K4W	Pink	K4		-	150	-	-	X=0.31, Y=0.20	-	120
# OSWM43-VXW	Violet	VX		-	250	-	-	X=0.20, Y=0.09	-	120
# OSWM43-B6W	Ice Blue	B6		-	300	-	-	X=0.18 Y=0.26	-	120

\*1 Tolerance of measurements of chromaticity coordinate is ±10%

\*2 Tolerance of measurements of dominant wavelength is ±1nm

\*3 Tolerance of measurements of luminous intensity is ±15%

# New colors launched on April, 2020