EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

OptoSupply
Light It Up

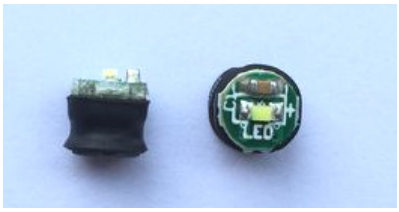
Wireless Micro LED (Wide Angle Type)

OSWM43-XXW

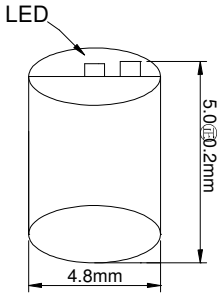
■Features

- Light up LED without wires
- Built-in chip LED (LxWxT) of 1.6 x0.8 x 0.6mm
- Small size Ø4.8mm x H5.0mm
- No batteries needed
-

■Photo



■Outline Dimension



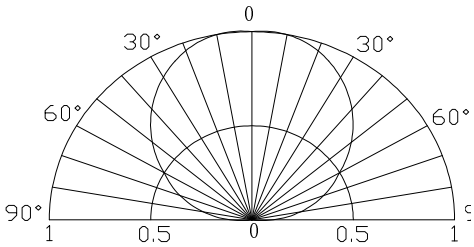
■Applications

- Models
- Toys
- Games & etc.

■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
Power Dissipation	P_D	102	mW
Operating Temperature	Topr	-40 ~ +85	℃
Storage Temperature	Tstg	-40~ +85	℃

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

Part Number		Color			Iv(mcd)			λD(nm)			2θ1/2(deg)
					Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
					I_F=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