

# 9866-B0W

## Motion Sensor Downlight

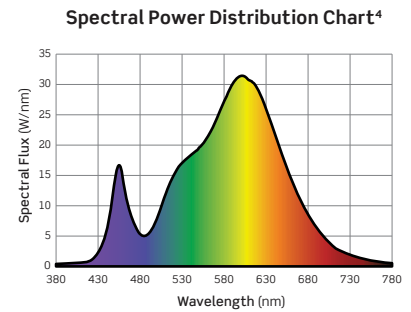
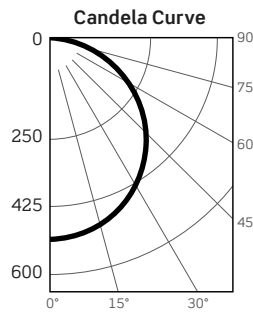
DATE	PROJECT
TYPE	CATALOG NO.

### PHOTOMETRICS

#### 9866-001-B0W: 8-Inch Round Motion Sensor Downlight

Fixture Delivered Lumens: 1474  
 Total Watts@120V: 17.7  
 Lumens Per Watt: 83.3  
 Center Beam Candle Power: 510  
 Beam Distribution: 113°  
 Spacing Criterion: 1.38  
 Color Rendering Index (CRI)<sup>1</sup>: 81.8  
 Color Temperature (CCT)<sup>2</sup>: 2999K  
 Designed for 50,000 Hour Lamp Life<sup>3</sup>  
 LM-63 Test No. G26030501  
 LM-79 Test No. S26031001

Cone of Light		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	14.2	18.0
8 FT	8.0	24.0
10 FT	5.1	30.0
12 FT	3.5	36.0
14 FT	2.6	42.0
16 FT	2.0	48.0



#### PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature (CCT), Color Rendering Index (CRI), Trim Finish, and Wattage.

To estimate lumen output of other combinations, multiply the published results by the following factors:

9866	
CCT	80 CRI
3000K	1.00
4000K	1.22
5000K	1.13

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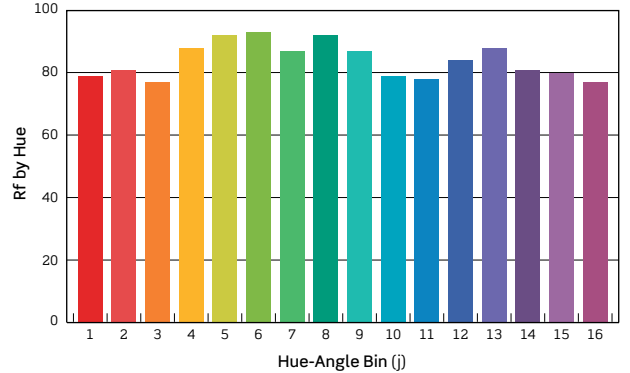
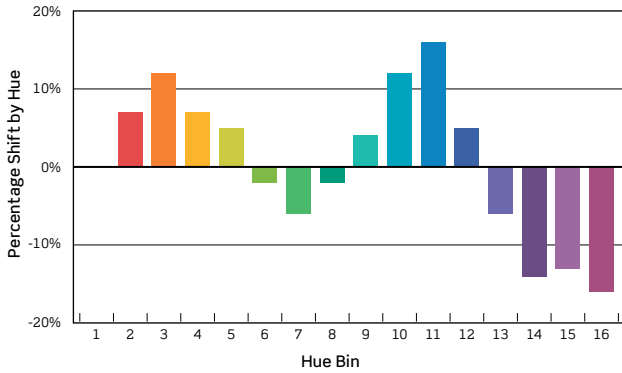
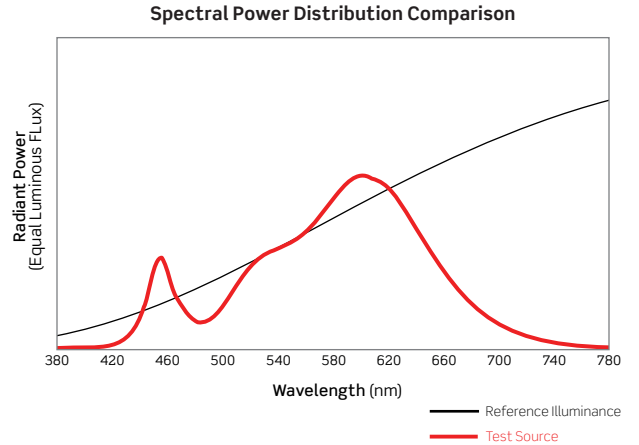
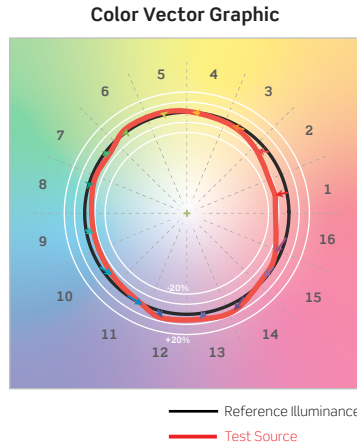
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**PHOTOMETRICS**

**TM-30 DATA: 9866-001-B0W 8-Inch Motion Sensor Downlight**

ANSI/IES TM-30-18 Color Rendition Report Test No. S26031001

$R_f$	84
$R_g$	96
CCT(K)	2999K
$D_{uv}$	0.0008
$u^l$	0.2503
$v^l$	0.5225



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	0%	7%	12%	7%	5%	-2%	-6%	-2%	4%	12%	16%	5%	-6%	-14%	-13%	-16%
Rf VALUE	79	81	77	88	92	93	87	92	87	79	78	84	88	81	80	77

Colors are for visual orientation purposes only