

# H Series Cylinder

Project:	Type:
Product Code:	Date:

V093025



## Wall Mount

**ADA Compliant** Wall Mount Cylinder that mounts with ease while maintaining a low profile

**Integrated Brightness Switch** allows you to adjust the lumen output based on wall mounting height and illuminance needs

**Inviting Accent Light** perfect for any exterior or interior environment

**IP65 Rating Standard** ensuring superior protection against harsh exterior elements

### CYLINDER

#### Mount

Wall Mount

#### Size

Diameter: 3.5"

Height: 6.5"

#### Trims

Standard Trim Only

#### Finish

White, Black

### LIGHT OUTPUT & DISTRIBUTION

#### Lumens (Power)

Integrated Brightness Switch  
350 lm (5W), 750 lm (9W), 950 lm (12W)

#### Color Quality

90+ CRI, 3-step SDCM

#### Color Temperature

- 2700K
- 3000K
- Warm Dim (3000K – 2200K)

#### Beam Spread



#### Lighting Type



#### Warranty

5 year limited warranty; 50,000 hours

### POWER & CONTROLS

#### Input Voltage

120 V

#### 5% Dimming

TRIAC/ELV

#### Mounting

2-Gang Switch Boxes  
Most 3O, 4O, 4R & 4S Junction boxes

### RATINGS

- Wet Location / IP65 Rated
- NSF Listed



PRODUCT BUILDER

EXAMPLE: **HCW6B27WH**

CYLINDER	<div>HCW6B</div>	<b>HCW6B</b> H Series Cylinder, Wall Mount
CCT		<b>27</b> 2700K <b>30</b> 3000K <b>3C</b> Warm Dim (3000K-2200K)
FINISH	<div></div>	<b>WH</b> White <b>BK</b> Black

SUMMARY

	STATIC CCT	WARM DIM
CCT	2700K, 3000K	3000K - 2200K
LUMENS (POWER)	Up to 950 lm - Selectable 350 lm (5W), 750 lm (9W), 950 lm (12W)	Up to 950 lm - Selectable 350 lm (5W), 750 lm (9W), 950 lm (12W)
EFFICACY	70 lm/W, 60 lm/W, 67 lm/W	70 lm/W, 60 lm/W, 67 lm/W
COLOR QUALITY	90+ CRI <sup>1</sup> , 3-step SDCM	90+ CRI <sup>1</sup> , 3-step SDCM
BEAM SPREAD	General Ambient (90°+)	General Ambient (90°+)
DIMMING	TRIAC/ELV (120V) 5%	TRIAC/ELV (120V) 5%
LED CHIP	Cree	Bridgelux
LISTINGS	Energy Star Qualified <sup>2</sup> , California Title 24 2016-2022 JA8-E Compliant, UL Listed for Wet Location IP65 Rated, Shatter-resistant Construction, UL Certified US-CA, Declare, RoHS Compliant, NSF/ANSI 2 listed, suitable for splash-zone <sup>3</sup>	

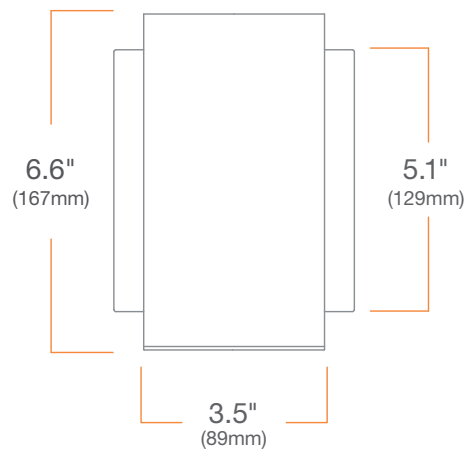
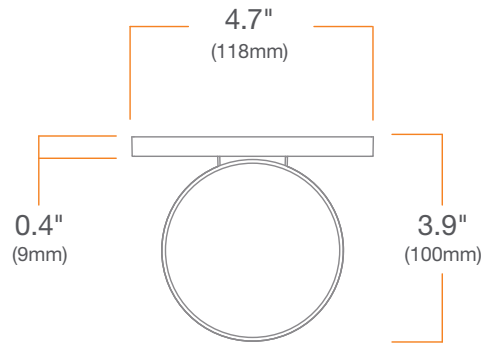
<sup>1</sup> Tested in accordance to IESNA LM-79-2008  
<sup>2</sup> Refer to ENERGY STAR Certified light fixtures database  
<sup>3</sup> This product has been evaluated in accordance to NSF/ANSI 2 for Splash Zones having designated trim finishes. Complies with standard black and white finishes only.

ADDITIONAL

<b>INPUT VOLTAGE:</b> 120V	<b>CYLINDER:</b> Extruded aluminum
<b>MAX INPUT CURRENT (120V):</b> 0.105 amps	<b>SIZE:</b> 6.5"
<b>POWER FACTOR:</b> Greater than 0.9	<b>FINISH:</b> White, Black
<b>TOTAL HARMONIC DISTORTION:</b> Less than 20%	<b>INSTALLATION:</b> Standard bracket compatible with two-gang, 3" octagonal, 3" round metallic, 3" round non-metallic old work, 4" octagonal, 4" round, and 4" square junction boxes
<b>AMBIENT OPERATING TEMPERATURE:</b> -20°C to 40°C	
<b>LIFETIME:</b> 50,000 hours at 70% lumen maintenance	
<b>WARRANTY:</b> 5 year limited warranty	

### 6.5" Wall Mount

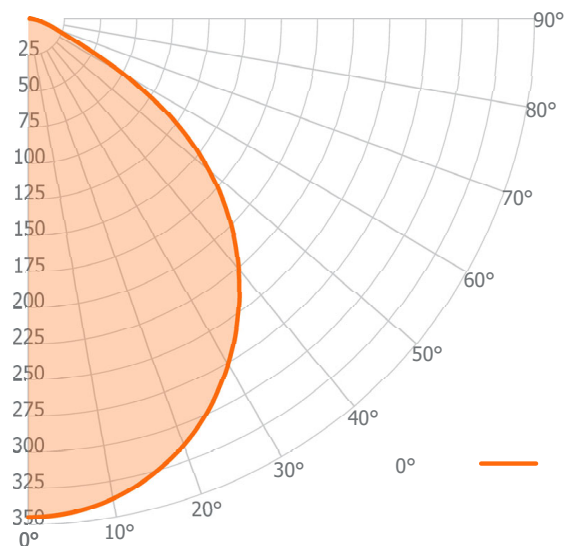
HCW6B



## PHOTOMETRY

### HCW6B30WH 750 lm, 9W, 3000K

Candela Distribution



Luminous Intensity

	0°
0°	345
5°	343
10°	337
15°	327
20°	314
25°	297
30°	276
35°	252
40°	226
45°	197
50°	163
55°	123
60°	76
65°	35
70°	20
75°	12
80°	7
85°	3
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	262	35%
0° - 40°	419	57%
0° - 60°	679	92%
0° - 90°	735	100%
0° - 180°	737	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	38.3 fc	6.8 ft
6 ft	9.6 fc	13.6 ft
9 ft	4.3 fc	20.5 ft
12 ft	2.4 fc	27.3 ft

Input Watts: **9.0 W**

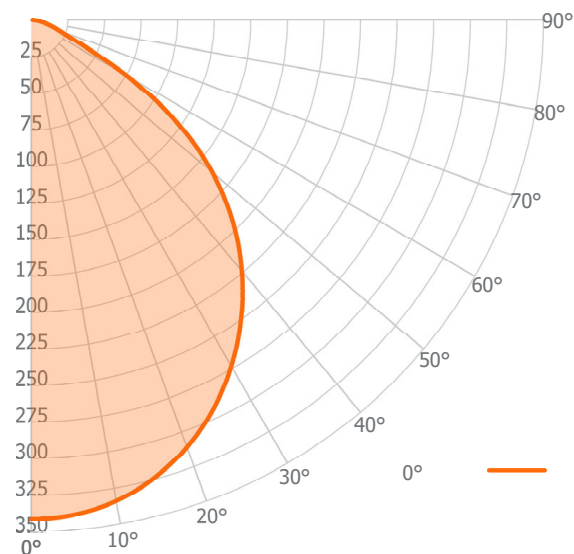
Lumens: **737 lm**

Efficacy: **82 lm/W**

Beam Angle: **97°**

### HCW6B3CWH 750 lm, 9W, 3000K-2200K

Candela Distribution



Luminous Intensity

	0°
0°	342
5°	340
10°	334
15°	324
20°	311
25°	294
30°	273
35°	250
40°	224
45°	195
50°	161
55°	122
60°	75
65°	35
70°	20
75°	12
80°	7
85°	3
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	259	35%
0° - 40°	415	57%
0° - 60°	672	92%
0° - 90°	728	100%
0° - 180°	730	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	38.0 fc	6.8 ft
6 ft	9.5 fc	13.6 ft
9 ft	4.2 fc	20.5 ft
12 ft	2.4 fc	27.3 ft

Input Watts: **9.0 W**

Lumens: **730 lm**

Efficacy: **81 lm/W**

Beam Angle: **97°**