# HCB01 | Swell general information

Rectilinear LED luminaire with flush lens Illuminated by BIOS®

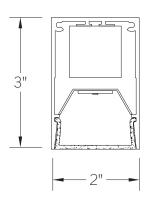


Project: Type: \_





### **SECTION**



### PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
Λ'	R: regular	590	9.7	2201	61
	H: high	780	13.6	2908	58

Note: All data reflects fixture with BIOS Static Spectrum 3500K LEDs

### **FEATURES**

The HCB01 is a linear LED luminaire tailored for health-centric lighting installations. The 2" wide by 3" tall extrusion is fitted with a flush, frosted lens and machined aluminum end caps.

The HBC01 fixture is embedded with BIOS SkyBlue® circadian solutions to produce the healthy "blue sky" light signal needed to stimulate human circadian biology. This specific light wavelength communicates directly with human biology through a non-visual photoreceptor to regulate circadian rhythms, providing healthier sleep patterns and ultimately, better health.

### **SPECIFICATIONS**

Fixture constructed of an extruded aluminum housing, extruded, frosted acrylic lens and machined aluminum end caps

Model variations offered for surface, wall mount and cable suspended applications

Standard finishes as shown below

Available in nominal lengths of 2', 4', 6' and 8' single fixtures and continuous runs

Basic continuous run fixtures provided with 18 ga. wiring harness for 6 Amp maximum load (consult factory for runs requiring multiple circuits, sensor integration, etc.)

Standard integral 120-277V driver offered with 0-10V dimming or non-dim

Integral 120-277V emergency battery backup available for 4' or 8' nominal non-dim or 0-10V (consult factory for all other lengths/drivers)

Standard light outputs are 590 and 780 lumens per foot

BIOS Static Spectrum or Dynamic LEDs available in 3000K, 3500K and 4000K, with a CRI of 80+ to 90 depending on color

Life: 50,000 hours L<sub>70</sub>

Limited five year warranty

UL and C-UL listed for dry and damp locations

# GET A QUOTE







## HCB01 -

NOMINAL **FIXTURE** LENGTH\* 2: 22-5/8" 4: 44-5/8" 6: 66-5/8" 8: 88-5/8"

CORRELATED COLOR **TEMPERATURE** [BIOS static] BS30: 3000K-85 CRI BS35: 3500K-85 CRI BS40: 4000K-90 CRI [BIOS dynamic] BD30: 3000K-83 CRI BD35: 3500K-83 CRI

BD40: 4000K-83 CRI

**DRIVER** 

ND: non-dimming [Dimming] D: 0-10V, 1%

LIGHT OUTPUT (lumens per foot) R: regular - 590

H: high - 780 CF: consult factory for custom output

#### **MOUNT**

SM: surface mount WD: wall mount direct WI: wall mount indirect C4: cable mount 4' cable length

C8: cable mount 8'

cable length

SN: single

AD: addei TR: terminator

### RUN **CONFIGURATION**

**OPTIONS** ST: starter

ED: emergency driver (4' or 8' non-dim or 0-10V only)

S1: occ sensor pos.1 (see options section)

L: louver (4' and 8' ONLY)

### **FINISH**

AW: architectural white (semi-matte)

WH: white (semi-gloss)

BL: black (semi-matte)

MB: matte black

ESS: environmental

BZ: bronze

PR: primer

CF: consult factory for custom finish

SA: satin anodize (may require additional lead time)

<sup>\*</sup> Actual dimension dependent on run configuration





MOUNTING	ORDERING CODE	DESCRIPTION
	SM	SURFACE MOUNT  Use appropriate fastener through Ø3/16" holes in housing
-   - 3/2°	WD	WALL MOUNT – DIRECT ORIENTATION  Mounting option includes:  • 1-7/8" H x 2-1/2" W aluminum bracket projects the fixture
		housing 3/4:" from the wall surface
	WI	WALL MOUNT – INDIRECT ORIENTATION  Mounting option includes:  • 1-7/8" H x 2-1/2" W aluminum bracket projects the fixture housing 3/4:" from the wall surface
	C4 and C8	CABLE MOUNT
C4 = 48" Nom. C8 = 96" Nom.		Mounting option includes:  • Ø 1/16"x 48" (C4) or 96" (C8) aircraft cables  • 60" (C4) or 108" (C8) power cable (in coordinating finish)  • Bracket bars  • Ø 5" white canopies  • Ceiling couplers  • Side exit cable grippers
OPTIONS		
ORDERING CODE	DESCRIPTION	SPECIFICATIONS
ED	EMERGENCY LED DRIVER	Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes  Available for 4' or 8' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers)  Note: remote battery backup available for shorter fixture lengths - ordered separately, consult factory for details  Indicator/test switch located on the top for C4/C8 mount and on the side at an end for SM mount
	OCCUPANCY SENSOR	Passive infrared occupancy sensor with hold-off daylighting adjustment (10-120 foot candles) and time delay adjustment from 30 seconds to 30 minutes  Light aperture length reduced by 4"
S1	OCCUPANCY SENSOR - POSITION 1	Sensor located on underside at an end
	LOUVER	Parabolic louver with 5/8" blades at 1" spacing, formed from diffuse, high reflectance aluminum and supplied with light diffusion film