

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

SkyBar LED

LED High Bay Luminaire

17-1/2" x 50-3/8"

22-1/2" x 50-3/8"

Typical Applications

Commercial • Industrial

Interactive Menu

- Order Information [page 2](#)
- Photometric Data [page 3](#)
- Integrated Sensor [page 4](#)
- Product Warranty

Product Certification



Product Features

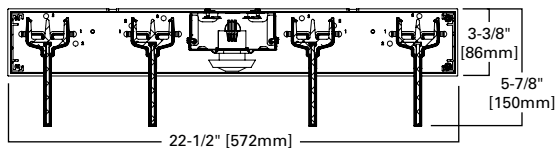


Top Product Features

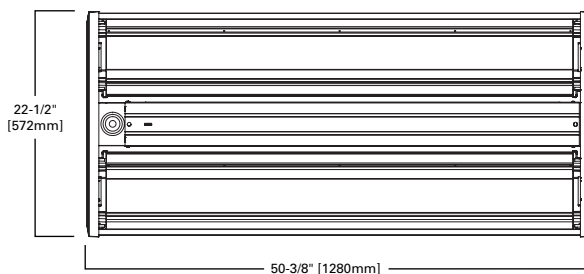
- Available in 2-blade, or 4-blade configurations
- Lumen packages up to 36K lumens
- High-Performance efficacy up to 128 LPW
- LEDs available in 3500K, 4000K and 5000K at typical 80 CRI
- Uplight in excess of 10%

Dimensional and Mounting Details

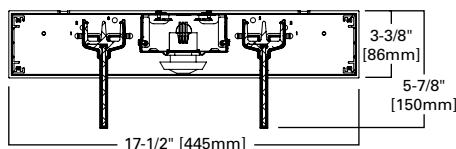
4-BLADE



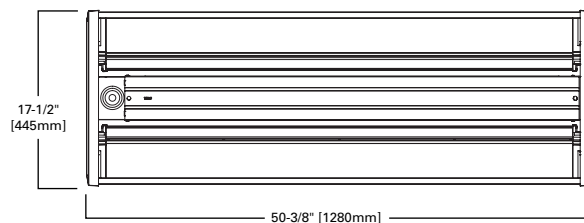
4-BLADE (Shown with optional integrated sensor)



2-BLADE



2-BLADE (Shown with optional integrated sensor)



[additional product diagrams](#)

Order Information

SAMPLE ORDER NUMBER: **SKB2-LD5-18-W-UNV-L840-CD2-U**

Series	Lamp Type	LED Lumen Output	Distribution	Voltage	Emergency Options	CCT
SKB2 =2-Blade WaveStream High Bay SKB4 =4-Blade WaveStream High Bay	LD5 =LED 5.0	2 Blades 9=9,000 Lumens 12=12,000 Lumens 15=15,000 Lumens 18=18,000 Lumens 4 Blades 18=18,000 Lumens 24=24,000 Lumens 30=30,000 Lumens 36=36,000 Lumens	N =Narrow W =Wide	120V =120 Volt 277V =277 Volt 347V =347 Volt 480V =480 Volt UNC =Universal Voltage 347-480 UNV =Universal Voltage 120-277	EL7W =7-watt, 120V-277V emergency battery pack installed ⁽⁴⁾ EL14W =14-watt 120V-277V emergency battery pack installed ⁽⁴⁾ GTR2 =Bodine Generator Transfer Relay ⁽⁵⁾ ETRD =Iota Emergency Transfer Relay with dimming control ⁽⁵⁾	L835 =3500K L840 =4000K L850 =5000K
				Notes (1) Voltage must be specified when ordered with plugs or emergency ballasts.	Notes (4) With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. (5) Used to bypass local control during outage. Must be used in conjunction with UL 1009 device (provided by others). GTR2 option includes 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices.	

Driver Type	Number of Drivers	Options	Packaging	Accessories
CD =0-10V Dimming Driver SLTD =Fifth Light (DALI) Driver	1=1 Drivers (9,000 Lumens) 2=2 Drivers (12,000, 15,000 and 18,000 Lumens) 4=4 Drivers (24,000, 30,000 and 36,000 Lumens)	MP =Modular Power Receptacle (used for all Cord or Cord and Plug options) ⁽²⁾ Motion Sensors MSI =Fixture integrated 360° or 180° motion sensor installed SVP3 =Integrated occupancy dimming sensor, 1200 sq. ft. coverage	U =Unit Pack PALC =Job Pack, in carton	HBL-SPM =Single Monopoint Hanger w/Hub ⁽³⁾ FH-1 =Fixture Hook FL-1 =Fixture Loop Y-TOGGLE =Y Mounting Toggle, #2 Cable (Specify 10' or 30') HBAYC-CHAIN/SET/U =(2) V-Hook Hangers, 36" Chain Sets w/S-Hooks MPC3 =3' Modular Power Cord & Plug (Specify Voltage) MC6 =6' Modular Power Cord C6 =120-277 PC6 =120-277 ISHH-01 =Programming Remote for Integrated Sensor ISHH-02 =Personal Control Remote for Integrated Sensor
		Notes (2) Requires use of MC or MPC cord accessories, specify voltage for plugs (MP).		Notes (3) Not available with UNC and EL options together.

Product Specifications

Construction

- Available in 2-blade (17-1/2" x 50-3/8") and 4-blade (22-1/2" x 50-3/8") configurations
- PAF side rails for rigidity
- Decorative endplates give an aesthetically pleasing look and are attached with screws for strength
- The WaveStream blades are retained with a clear polycarbonate bracket which allow them to be adjusted in the field

Electrical

- Long-Life LED system coupled with electrical driver to deliver optimal performance
- LED's available in 3500K, 4000K or 5000K with a CRI <85
- Electronic drivers are available for 120-277V, 347V and 480V applications

Emergency Battery Pack Option

- Optional 120-277V emergency battery available in 7W or 14W
- 90-minute backup period for code compliance
- Test switch with laser pointer and testing from floor feature for ease of use

- EZ Key feature prevents accidental discharge during construction
- Generator transfer options available

Compliances

- Luminaires are cULus listed for damp Locations -40C to 50C ambient environments
- ROHS Compliant, and LED modules comply with IESNA LM79/LM80 standards

Control

- Equipped standard with a 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer
- Dimming range is 5% to 100%; varies by control device
- Combine with energy saving products like occupancy sensors, daylighting controls, and lighting relay panels from Cooper Controls (www.coopercontrol.com) to maximize energy savings
- Optional integrated sensor provides occupancy detection

Optics

- Precision formed optical assembly with positively retained high optical grade acrylic lenses provide a directed optical distribution using WaveStream technology

Driver/Access

- Tool-less driver access from below the fixture

Mounting

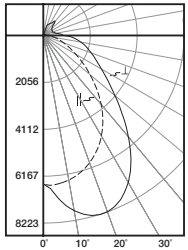
- Suspended using two V-hangers (included)
- Optional Y-hook, Y-Toggle or Surface/stem mount bracket available
- Mounting hardware must be ordered separately

Warranty

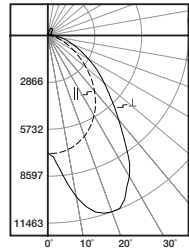
- Five year limited warranty

Photometric Data

[View IES files](#)



SKB4-LD5-24-W-UNV-L840-CD4-U
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (H) 1.16 x mounting height,
 (L) 1.49 x mounting height
 Lumens: 24568
 Input Watts: 206.2W
 Efficacy: 119.1 lm/W
 Test Report: SKB4-LD5-24-W-UNV-L840-CD4-U.IES



SKB4-LD5-24-N-UNV-L840-CD4-U
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (H) 1.17 x mounting height,
 (L) 1.56 x mounting height
 Lumens: 26558
 Input Watts: 206W
 Efficacy: 128.8 lm/W
 Test Report: SKB4-LD5-24-N-UNV-L840-CD4-U.IES

Energy and Performance Data

Energy and Performance Data by Catalog Number

Catalog Number	Delivered Lumens	Watts	Efficacy (lm/W)
2 Blade			
SKB2-LD5-9-W-UNV-L840-CD1-U	8967	75	119
SKB2-LD5-12-W-UNV-L840-CD2-U	12426	105	119
SKB2-LD5-15-W-UNV-L840-CD2-U	15383	132	116
SKB2-LD5-18-W-UNV-L840-CD2-U	18505	169	110
4 Blade			
SKB4-LD5-18-W-UNV-L840-CD2-U	18415	143	128
SKB4-LD5-24-W-UNV-L840-CD4-U	24568	206	119
SKB4-LD5-30-W-UNV-L840-CD4-U	30602	261	118
SKB4-LD5-36-W-UNV-L840-CD4-U	36914	334	111

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	L91	269,700

Max Ambient

Voltages	Ambient °C
UNV (120 - 277V)	50
UNC (347 - 480V)	45

Energy Data

Catalog No.	Input Watts
SKB2-LD5-9-	75.4
SKB2-LD5-12-	104.9
SKB2-LD5-15-	132.4
SKB2-LD5-18-	168.5
SKB4-LD5-18-	143.4
SKB4-LD5-24-	206.2
SKB4-LD5-30-	260.5
SKB4-LD5-36-	333.5

Shipping Data

Catalog No.	Wt.
SKB2-LD5-9	31 lbs.
SKB2-LD5-12	31 lbs.
SKB2-LD5-15	31 lbs.
SKB2-LD5-18	31 lbs.
SKB4-LD5-18	43 lbs.
SKB4-LD5-24	43 lbs.
SKB4-LD5-30	43 lbs.
SKB4-LD5-36	43 lbs.

Integrated Sensor

The SkyBar with Integrated Sensor technology provides automatic energy savings without sacrificing performance. Traditionally these types of energy savings required coordination between the luminaire and a lighting control system. The SkyBar delivers superior lighting with integrated occupancy controls.

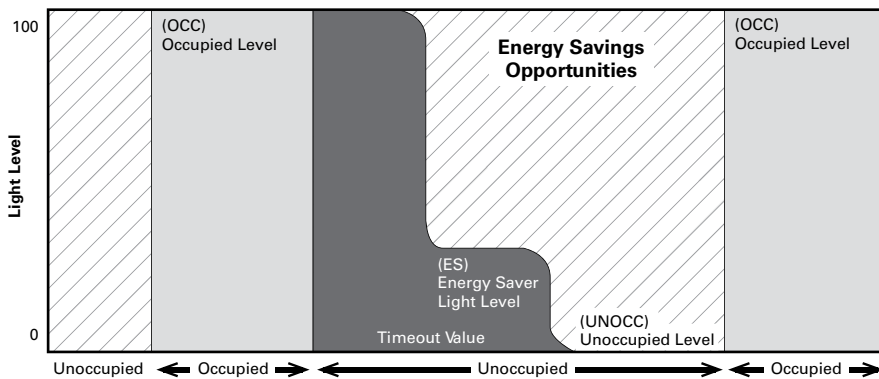
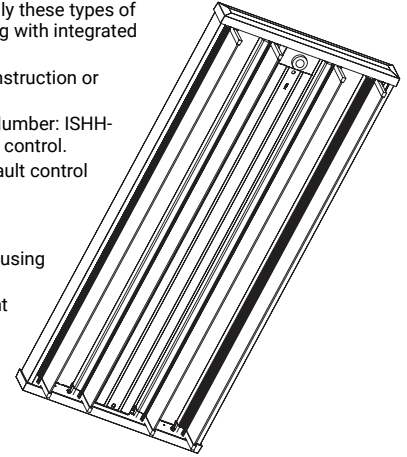
Capture the benefits of traditional lighting controls, without complicated coverage planning or special wiring. Ideal for new construction or retrofit the SkyBar delivers automatic ON to an energy saving light level, while turned OFF when the space is unoccupied.

Occupied light levels and unoccupied light levels can be adjusted using the integrated sensor programming remote (Catalog Number: ISHH-01). The integrated sensor personal remote (Catalog Number: ISHH-02) provides code compliant manual raise, lower, ON, OFF control.

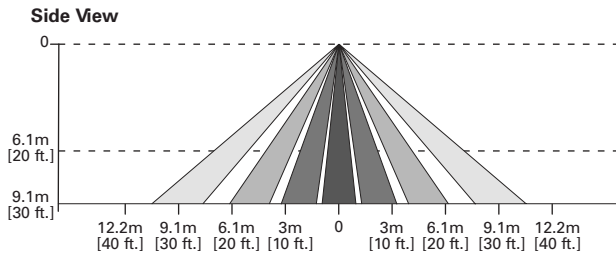
The SkyBar with Integrated Sensor is easy to install with no special wiring and ensures energy savings out-of-the-box with default control settings.

How it works:

- As the user enters the space controlled by the integral sensor, the lighting turns ON to full light output. This can be changed using the optional remote. occupancy timeout period (default 20 minutes).
- If the space remains unoccupied for half of the timeout period, the lighting will automatically reduce to the Energy Saver light level. This adjustable light level is typically half of the occupied level.
- At the end of the timeout period the lighting will go to the unoccupied light level. This adjustable light level uses the OFF default setting.



SVPD3 Coverage Pattern



Optional Remote Controls

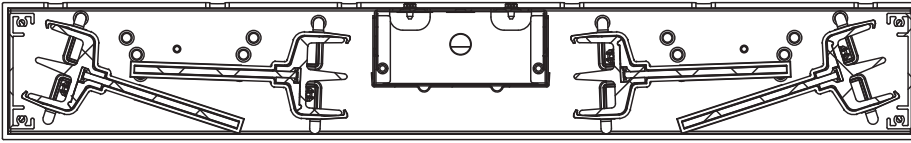


ISHH-01 Remote

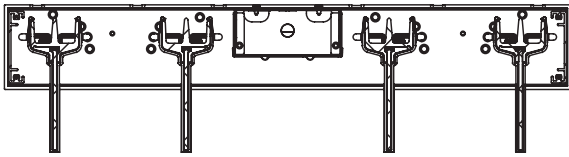


ISHH-02 Remote

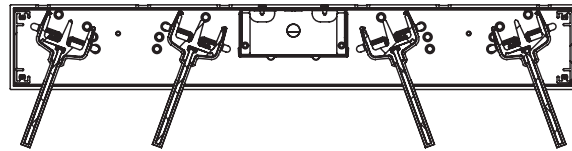
Blade Positioning to meet DLC



Product shipped in the "S" state, installer must rotate blades into position 1 or 2 to meet DLC general highbay category.



Blades in position 1



Blades in position 2