

Select Series Linear High Bay

Product Specifications

The Select Series Linear High Bay by TCP is a versatile solution for endless applications. With an all-metal frame and included mounting hardware, the HB by TCP is quick to install and will provide a long-lasting, durable light source for years to come.

Reasons to choose the Select Series Linear High Bay from TCP

- Steel frame with no scalloping, pop riveted, and rounded-edge corners
- Frosted lens standard to eliminate glare
- Smooth, even lighting without shadows
- Wide beam spread due to angled LED design providing clean cutoff
- Includes 6 foot power cord
- 50,000 hour rated life
- 0-10V smooth dimming Includes V-brackets and 6-ft hanging chain
- Damp location rated

Ideal Applications

- High ceiling locations
- Commercial settings
- Industrial settings
- Retail settings
- Warehouses

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5 YEAR WARRANTY

Select Series Linear High Bay

Specifications

Input Line Voltage ..... 120-277 VAC
Input Line Frequency (Hz) 50/60Hz
Surge Protection 6kV
Wattage
- SW3 ..... 160/120/81W
- SW4 ..... 210/160/120W
- SW6 ..... 240/210/160W
- SW7 ..... 320/240/210W

Lumens
- SW3 ..... 26,500/19,800/14,025L
- SW4 ..... 32,000/26,500/19,800L
- SW6 ..... 40,500/32,000/26,500L
- SW7 .....

Lumens per Watt (LPW) ..... >130 LPW
Rated Life ..... 50,000 hours
Minimum Starting Temperature ..... -20°C
Maximum Operating Temperature ..... 50°C
CRI ..... >80
Power Factor ..... >90%
THD ..... <20%
Ratings ..... UL/cUL damp location rated
Controls ..... 0-10V dimming (standard)



Listings

RoHS Compliant

Warranty

Five year limited warranty against defects in manufacturing.

Applications

The Select Series Linear High Bay by TCP is a versatile solution for endless applications. With an all-metal frame and included mounting hardware, the HB by TCP is quick to install and will provide a long-lasting, durable light source for years to come. Best for use in high ceiling locations in commercial, industrial, retail, or warehouse settings.

Features

- Post painted steel frame with no scalloping, pop riveted, and rounded-edge corners
- Frosted lens standard to eliminate glare
- No shadows for smooth, even lighting
- Damp location rated
- 250W or 400W HID equivalent
- Wide beam spread

Hardware Included

- 2 Tong Hangers
- 5' Jack Chains
- 6-Foot Pre-wired Cord

Catalog Ordering Matrix

Example: HB2UZDSW6CCT

FAMILY	SIZE	VOLTAGE	DIMMING	WATTAGE[1] (LUMEN PACKAGES[2])	COLOR TEMPERATURE	FACTORY INSTALLED OPTIONS	SENSOR OPTIONS
HB – HB Series Linear High Bay	**2** – 2 Feet	**U** – 120-277V **H** – 347/480V	**ZD** – 0-10V Dimming	**SW3** – 160/120/81W (26,500/19,800/14,025L) **SW4** – 210/160/120W (32,000/26,500/19,800L) **SW6** – 240/210/160W (40,500/32,000/26,500L)	**CCT** – 4000K/5000K Selectable	**Blank** – No Sensor **EB** – Battery Backup	**Blank** – No Sensor **LS1** – PIR Motion Sensor **LS1D** – PIR Motion/ Daylight Sensor **IS** – Integrated Sensor **NLS** – Network Lighting Control[3]
	4 – 4 Feet	**U** – 120-277V **H** – 347/480V	**ZD** – 0-10V Dimming	**SW7** – 320/240/210W (51,200/44,800/40,500L)			

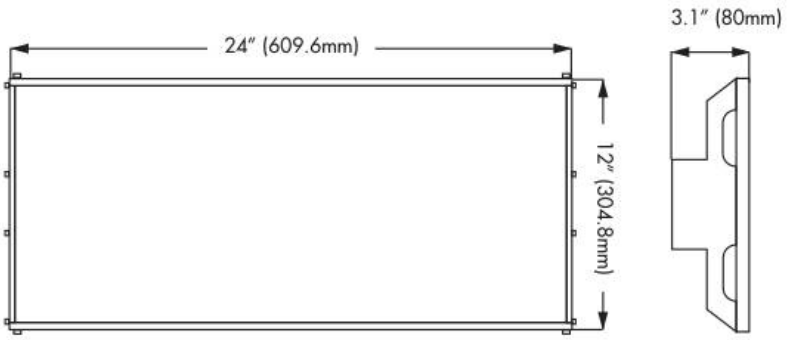
[1] Actual wattage may differ by +/- 10%.
[2] Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.
[3] The NLS Network Lighting Control sensor is sold as a field installed sensor and will be included in the box when using the suffix 'NLS.' This is done for compliance with all rebate requirements.

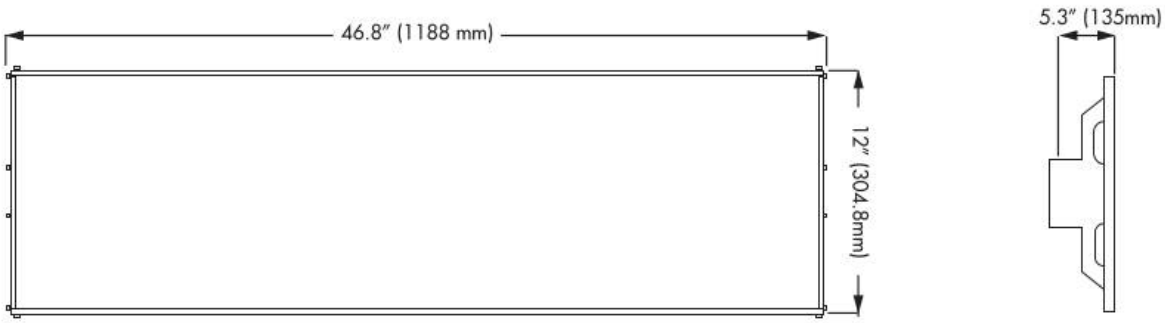
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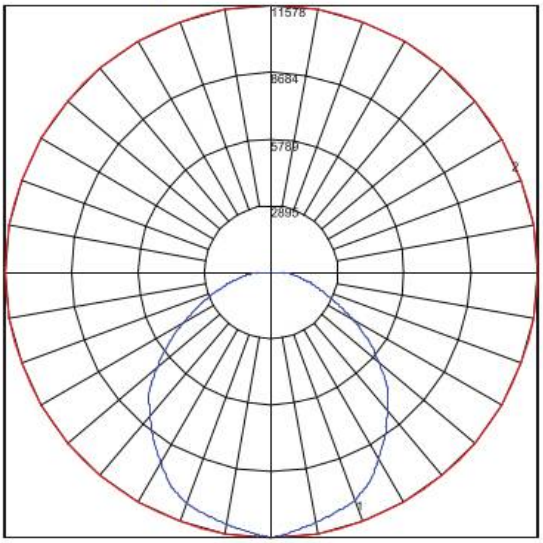
Dimensions





Photometric Report

Polar Graph



Maximum Candela = 11578 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Characteristics

Luminaire Lumens	29997
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	158
Total Luminaire Watts	190.407
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.12 m
Luminous Width (90-270)	0.54 m
Luminous Height	0.00 m

Specifications and dimensions subject to change without notice.

For the most up-to-date specs and warranty information, please visit www.tcpi.com

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Photometric Report

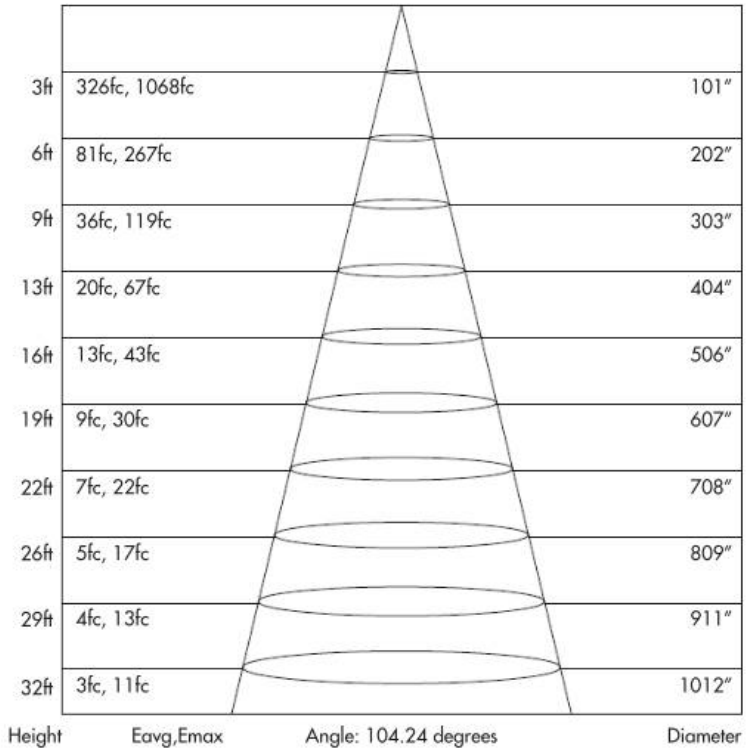
Based on photometric data for
TCP Item # HB2UZDSW6CCT

Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85
2	100	92	85	79	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	66	63	60
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	35	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

Based off wattage setting at 210W



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distances.

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	4163.26	13.90	13.90
0-30	8827.01	29.40	29.40
0-40	14337.76	47.80	47.80
0-60	24526.11	81.80	81.80
0-80	29450.6	98.20	98.20
0-90	29996.76	100.00	100.00
10-90	28914.93	96.40	96.40
20-40	10174.5	33.90	33.90
20-50	15699.55	52.30	52.30
40-70	13392.36	44.60	44.60
60-80	4924.49	16.40	16.40
70-80	1720.48	5.70	5.70
80-90	546.16	1.80	1.80
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	29996.76	100.00	100.00

Total Luminaire Efficiency = N.A.%

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TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 30 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

Sales:	Catalog Number:
Date:	Type:
Model:	Notes:
Project:	
Rep:	

TCP® we know light.™

For more information on the quality and care TCP can deliver, call us at 800.324.1496 or visit tcpi.com

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