



Q Series High Bay Selectable CCT

Product Specifications



The Q Series High Bay family features a lightweight extruded aluminum body and up to 22,275 lumens resulting in a versatile solution for endless applications. The included mounting hardware makes the Q Series High Bay quick to install and will provide a long-lasting, durable light source for years to come.

Reasons to choose the LED Q Series High Bay from TCP

- Lightweight, quick install construction
- Standard frosted lens for glare control
- No shadows for smooth, even lighting
- Damp location rated
- 0-10V smooth dimming
- 50,000 hour rated life
- Wide 160° field angle beam spread reduces cave effect
- Optional controls available
- Includes 6-foot power cord

Ideal Applications

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



*Scan me with your phone to see the QHB in action!



Q Series High Bay Selectable CCT

Applications

The Q Series High Bay family is a versatile solution for endless applications. With a lightweight extruded aluminum body and included mounting hardware, the Q Series QHB by TCP is quick to install and will provide a long-lasting, durable light source for years to come.

Features

- Lightweight, quick install construction
- Standard frosted lens for glare control
- No shadows for smooth, even lighting
- Damp location rated
- 0-10V smooth, no-flicker dimming
- Operating temperature: -4°F to 122°F
- 250W or 400W HID equivalent
- Long 50,000 hour rated life
- LED design provides wide beam spread and clean cutoff
- Optional battery backup and motion sensors available
- Includes 6-foot power cord

Hardware Included

- 2 tong hangers
- 5' jack chains
- 6' pre-wired cord

Item Number

Notes

Type



Listings

cULus Listed
RoHS Compliant

Warranty

Five year limited warranty against defects in manufacturing.

Installation

Before hanging installation, please consult your local ordinances and building codes.

Catalog Ordering Matrix

Example: QHB2UZDA2CCT

FAMILY	LENGTH	VOLTAGE	CONTROLS	LUMEN PACKAGE (Power) ^{1,2}	COLOR TEMPERATURE
QHB – Q Series High Bay	2 – 2 foot	U – 120-277V	ZD – 0-10V Dimming	A3 – 22,275L (165W)	CCT – 4000K and 5000K Color Selectable

¹ Approximate lumen output. Actual performance may vary based on CCT, options selected and end use application

² Actual wattage may differ by +/- 10%

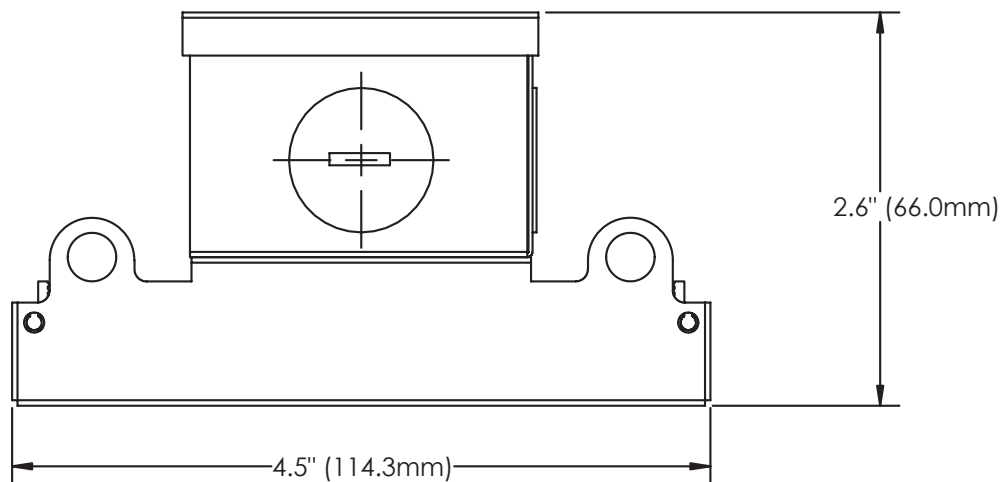
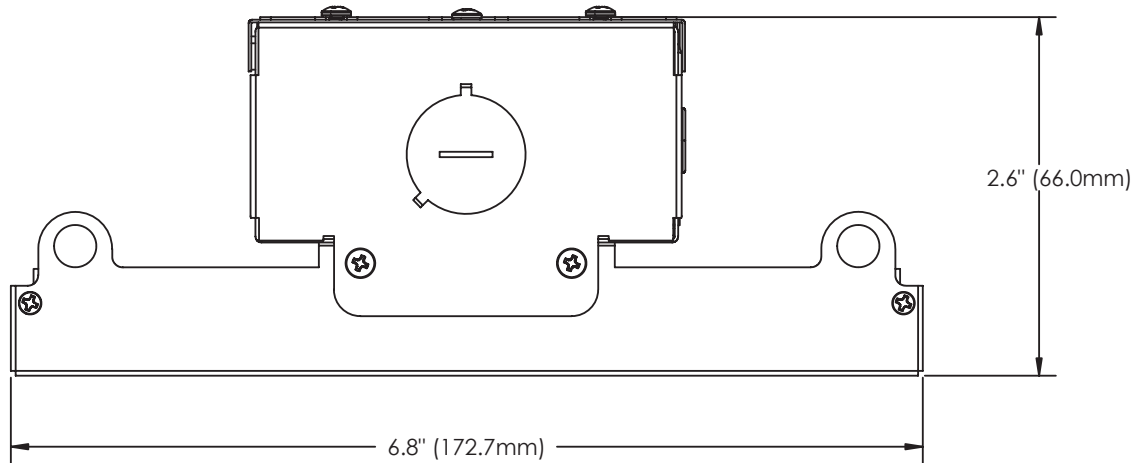
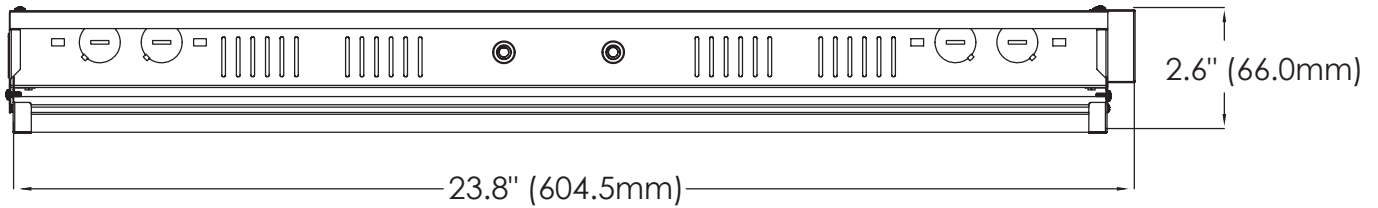
Field Installed Accessories

- QHB2WGUARD2 - Wire Guard for 130W-220W Models
- QHB2SMOUNT2 - 130W-220W Surface Mount Kit



QHB2SMOUNT2 Surface Mount Kit

Wireline Dimensions



Photometric Report

Spacing Criterion

QHB2UZDA3CCT

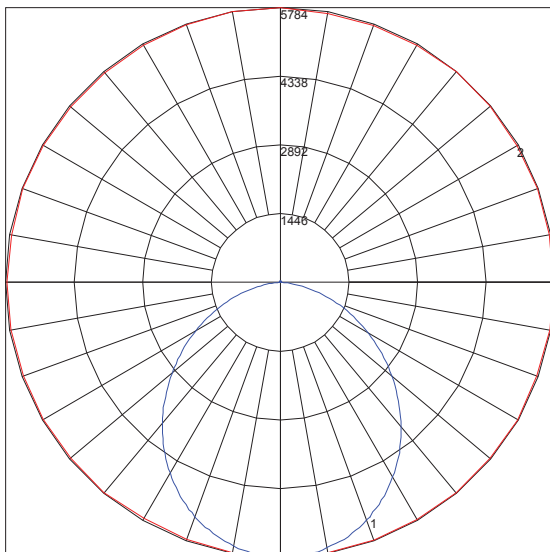
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.22

QHB2UZDA2CCT

Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.24

Based on photometric data for
TCP Item # QHB2UZDA3CCT

Polar Graph



Maximum Candela = 5784.2 Located At Horizontal Angle = 90, Vertical Angle = 2
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)

Specifications and dimensions subject to change without notice.

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	50	30	10	0
0	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98			98
1	108	104	100	96	106	101	98	94	97	94	91	92	90	87	88	86	84	82			82
2	99	91	84	79	96	89	83	78	85	80	75	81	77	73	78	74	71	69			69
3	90	80	72	66	88	78	71	65	75	69	64	72	67	62	69	65	61	59			59
4	83	71	63	56	80	70	62	55	67	60	54	64	58	53	62	57	52	50			50
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	56	50	46	44			44
6	71	57	49	42	69	56	48	42	54	47	42	52	46	41	51	45	40	38			38
7	65	52	44	38	64	51	43	37	50	42	37	48	41	36	46	40	36	34			34
8	61	48	39	34	59	47	39	33	45	38	33	44	37	33	43	37	32	30			30
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	39	34	29	27			27
10	54	40	33	28	52	40	32	27	39	32	27	38	31	27	37	31	27	25			25

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	2091.37	N.A.	13.70
0-30	4392.26	N.A.	28.70
0-40	7081.78	N.A.	46.30
0-60	12047.92	N.A.	78.70
0-80	14652.39	N.A.	95.80
0-90	14922.37	N.A.	97.50
10-90	14377.93	N.A.	94.00
20-40	4990.42	N.A.	32.60
20-50	7660.38	N.A.	50.10
40-70	6640.53	N.A.	43.40
60-80	2604.47	N.A.	17.00
70-80	930.07	N.A.	6.10
80-90	269.98	N.A.	1.80
90-110	159.35	N.A.	1.00
90-120	224.87	N.A.	1.50
90-130	278.54	N.A.	1.80
90-150	349.58	N.A.	2.30
90-180	380.35	N.A.	2.50
110-180	221.00	N.A.	1.40
0-180	15302.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

Average Luminance candelas/square meter (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	74205	66677	65051
55	67501	58054	55694
65	60232	47918	44695
75	52168	35229	30270
85	41658	16454	9197

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:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



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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