

## EC200BC OUTDOOR BOLLARD



The EC200BC Bollard adds a modern look to any pathway. This fixture is available LED and its industrial strength features make it ETL listed and suitable for wet locations. Wave Lighting's EC200BC is designed for low mounting in reinforced concrete (by others), hardware and template is included.

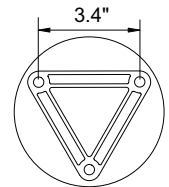
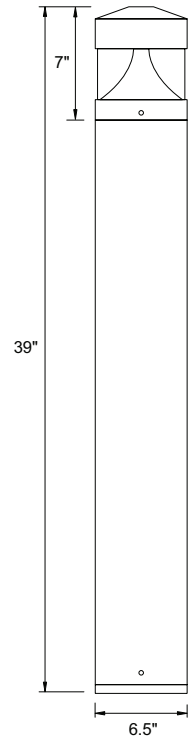
### SPECIFICATIONS:

- Powder Coated Finish
- Aluminum Housing
- Mounting Hardware Included
- Polycarbonate Lens
- Minimum Starting Temp -20°F
- ETL Listed for Wet Locations

### LED SOURCE OPTIONS:

#### LED MULTI-VOLT SYSTEM - L10

- 120-277V, 50/60Hz
- Estimated 50,000 Hrs L<sub>70</sub>
- Surge Supression
- 4000K CCT 80CRI
- 0 - 10V Dimming
- 5 Year Warranty



Anchor Bolt M10 x 6.7"  
(3 anchor bolts and template included)

### ORDERING INFORMATION:

ITEM #	LENS	LIGHT SOURCE		COLOR
EC200B	POLYCARBONATE C-Clear	LED LIGHT SOURCE		BK-Black BZ-Bronze
		LED MULTI-VOLT SYSTEM L10-10W 937lm	CCT C-4K	

## Distribution - Goniophotometer

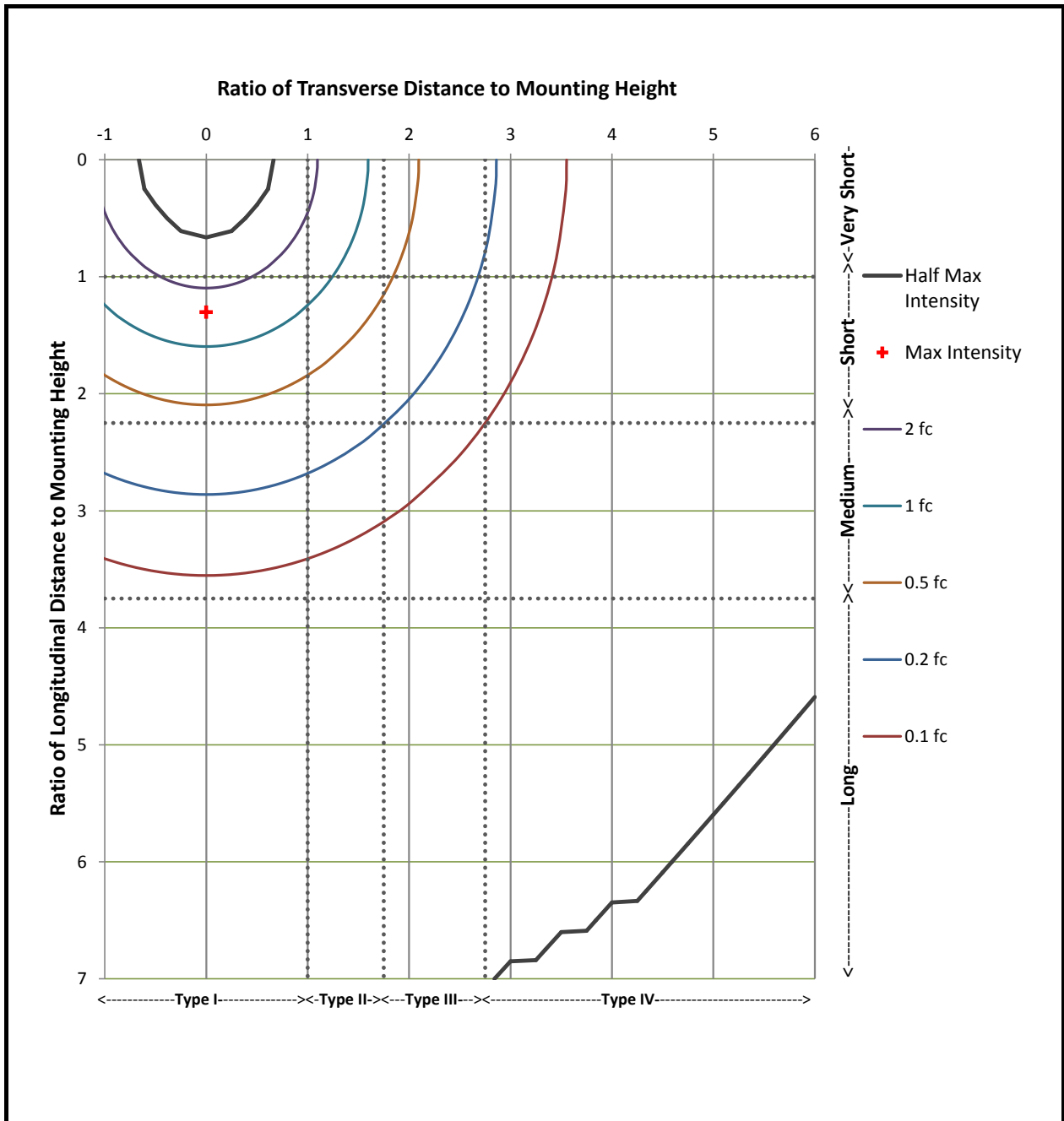
### Distribution Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.2 °C	120.0 VAC	0.1365 A	9.959 W	0.608	60 Hz	84.3 %

### Summary of Results

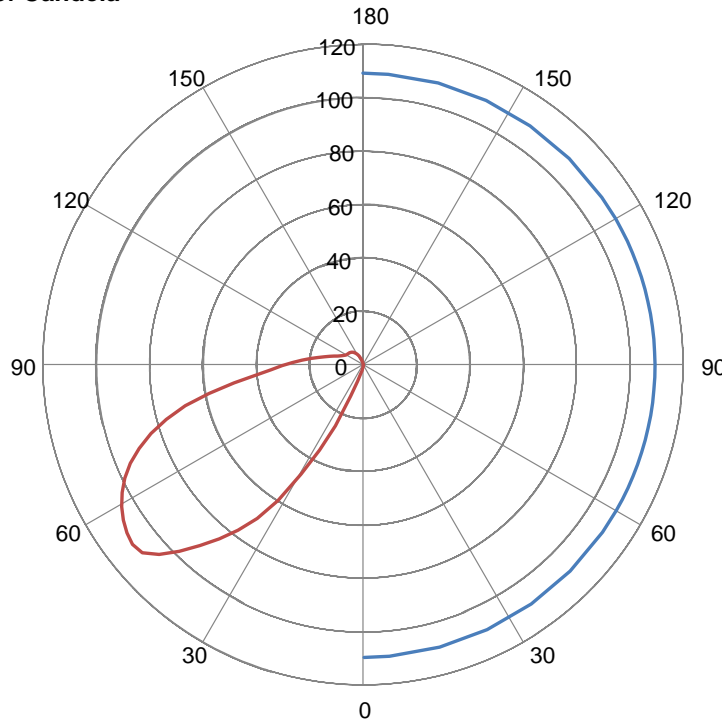
<b>IES Roadway Classification:</b>	Type V, Short	<b>Total Lumen Output:</b>	518 Lumens
<b>Cutoff Classification:</b>	Noncutoff	<b>Luminaire Efficacy:</b>	52.0 lm/w
<b>BUG Rating:</b>	B0 U2 G1	<b>Maximum Candela:</b>	109 Candela

### ISO FootCandle Plot at 4 Feet



Test Number 11789630.03

**Maximum Plane and Cone Plots of Candela**



Vertical Plane Through

0 ° Lateral

Lateral Cone Through

52.5 ° Vertical

**Maximum Intensity (Candlepower):** 109 Candela

**Zonal Lumen Summary**

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0.0	0.0%	60-65	49.6	9.6%	120-125	3.4	0.7%
5-10	0.0	0.0%	65-70	47.8	9.2%	125-130	3.1	0.6%
10-15	0.1	0.0%	70-75	43.5	8.4%	130-135	2.8	0.5%
15-20	0.7	0.1%	75-80	36.4	7.0%	135-140	2.5	0.5%
20-25	3.0	0.6%	80-85	26.8	5.2%	140-145	2.0	0.4%
25-30	9.2	1.8%	85-90	19.2	3.7%	145-150	1.6	0.3%
30-35	17.5	3.4%	90-95	14.6	2.8%	150-155	1.1	0.2%
35-40	25.9	5.0%	95-100	10.9	2.1%	155-160	0.7	0.1%
40-45	33.8	6.5%	100-105	8.1	1.6%	160-165	0.3	0.1%
45-50	42.0	8.1%	105-110	6.1	1.2%	165-170	0.1	0.0%
50-55	47.4	9.1%	110-115	4.7	0.9%	170-175	0.0	0.0%
55-60	49.4	9.5%	115-120	3.9	0.8%	175-180	0.0	0.0%

LCS	Zone	Lumens	Luminaire %
FL	(0-30)	6.5	1.3%
FM	(30-60)	108.0	20.8%
FH	(60-80)	88.7	17.1%
FVH	(80-90)	23.0	4.4%
BL	(0-30)	6.5	1.3%
BM	(30-60)	108.0	20.8%
BH	(60-80)	88.7	17.1%
BVH	(80-90)	23.0	4.4%
UL	(90-100)	25.5	4.9%
UH	(100-180)	40.4	7.8%
Total		518.3	100.0%
<b>BUG Rating</b>	<b>B0 U2 G1</b>		