

BL731 - PHOTOMETRY

8" X 4" TRAPEZOID BOLLARD

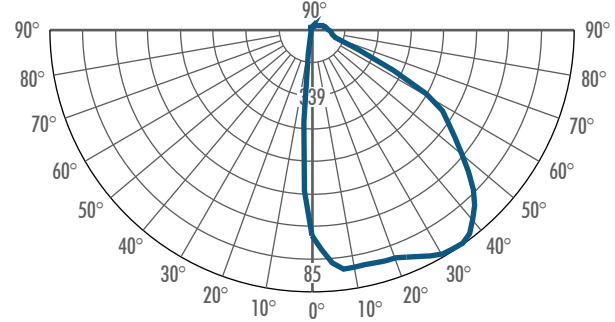
BL731-20BUE-DUN - 850lm - 4000K

System Power	:10.3W
Test Date	:12/2017
Beam Angle 50%	:157.9° H / 61.9° V
Field Angle 10%	:146.3° H / 81.1° V
Color Temperature	:3801K
CRI	:86.7
R9 Value	:28.5
Lumens Delivered	:931lm
CBCP	:339cd
Power Factor	:0.99

Multipliers

3000K | 0.79

CANDELA TABULATION



Statistics:

Description	Bollard Symbol	FC loc. Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1		+	3.4fc	143.3fc	0.10fc	143.3:1	34:01:00

NOTES:

1. On center spacing: 20 ft
2. Distance between fc reading: 2 ft

+0.2	+0.4	+0.6	+0.1	+0.2	+0.2	+0.6	+0.4	+0.3	+0.3	+0.3	+0.4	+0.6	+0.2	+0.2	+0.1	+0.6	+0.4	+0.2
+0.3	+0.7	+1.3	+1.8	+0.6	+1.8	+1.3	+0.7	+0.4	+0.4	+0.4	+0.7	+1.3	+1.8	+0.6	+1.8	+1.3	+0.7	+0.3
+0.4	+0.8	+2.8	+8.7	+18.1	+8.8	+2.7	+0.1	+0.6	+0.4	+0.6	+1.0	+2.7	+8.8	+18.1	+8.7	+2.8	+0.8	+0.4
+0.4	+0.8	+2.8	+18.1	+44.3	+18.3	+2.8	+0.8	+0.6	+0.4	+0.6	+0.8	+2.8	+18.3	+44.3	+18.1	+2.8	+0.8	+0.4

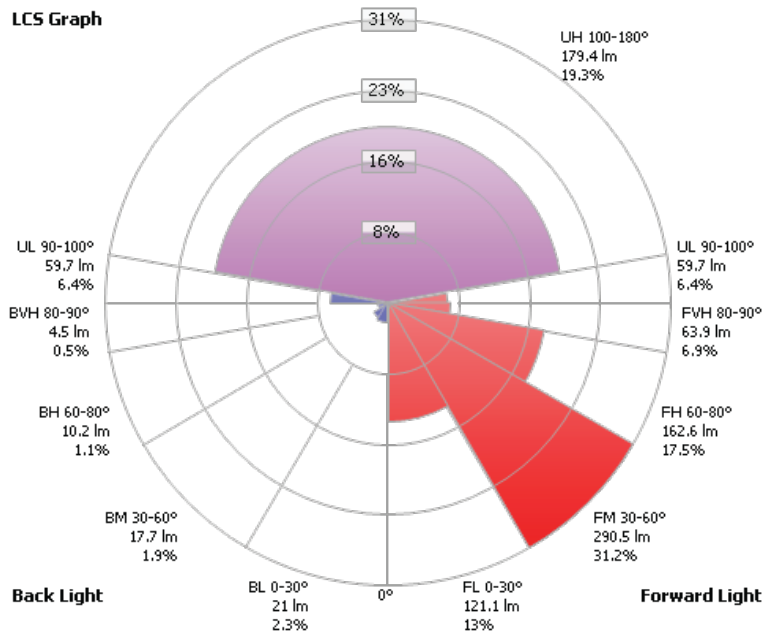
LCS TABLE

BUG Rating

B1 - U3 - G1

Forward Light	Lumens	Lumens %
Low (0-30):	121.1	13.00%
Medium (30-60):	290.5	31.20%
High (60-80):	162.6	17.50%
Very High (80-90):	63.9	6.90%
Back Light		
Low (0-30):	21	2.30%
Medium (30-60):	17.7	1.90%
High (60-80):	10.2	1.10%
Very High (80-90):	4.5	0.50%
Back Light		
Low (0-30):	59.7	6.40%
High (100-180):	179.4	19%
Trapped Light:	0.4	0%

LCS Graph



Back Light

Scale = Max LCS %

Trapped Light: 0.4lm, 0%

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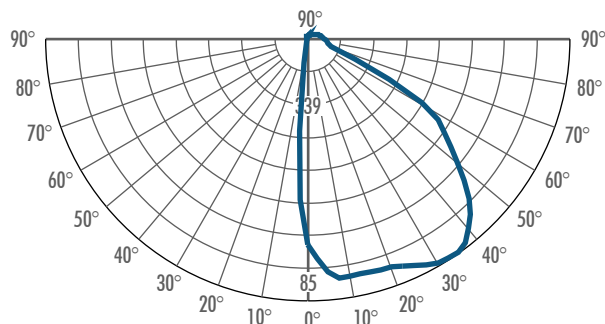
BL731-40UE-DUN - 850lm - 4000K

System Power	: 10.3W
Test Date	: 12/2017
Beam Angle 50%	: 157.9° H / 61.9° V
Field Angle 10%	: 146.3° H / 81.1° V
Color Temperature	: 3801K
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Power Factor	: 0.99

Multipliers

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CANDELA TABULATION



Statistics:

Description	Bollard Symbol	FC loc. Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1		+	1.7fc	29.5fc	0.10fc	295:1	17:1

NOTES:

1. On center spacing: 20 ft
2. Distance between fc reading: 2 ft

+0.2	+0.3	+0.2	+0.1	+0.1	+0.1	+0.2	+0.3	+0.3	+0.4	+0.3	+0.3	+0.2	+0.1	+0.1	+0.1	+0.2	+0.3	+0.2
+0.4	+0.5	+0.5	+0.2	+0.2	+0.3	+0.6	+0.6	+0.5	+0.5	+0.5	+0.6	+0.6	+0.3	+0.2	+0.2	+0.5	+0.5	+0.4
+0.6	+0.9	+1.1	+1.3	+1.0	+1.4	+1.2	+1.0	+0.8	+0.7	+0.8	+1.0	+1.2	+1.4	+1.0	+1.3	+1.1	+0.9	+0.6
+0.7	+1.4	+2.7	+4.2	+5.4	+4.3	+2.8	+1.5	+1.0	+0.8	+1.0	+1.5	+2.8	+4.3	+5.4	+4.2	+2.7	+1.4	+0.7
+0.9	+1.8	+4.4	+11.8	+21.4	+11.8	+4.5	+2.0	+1.1	+0.9	+1.1	+2.0	+4.5	+11.8	+21.4	+11.8	+4.4	+1.8	+0.9
+0.8	+1.7	+4.6	+14.1	+29.5	+14.2	+4.7	+1.9	+1.0	+0.8	+1.0	+1.9	+4.7	+14.2	+29.5	+14.1	+4.6	+1.7	+0.8

LCS TABLE

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LCS Graph

