

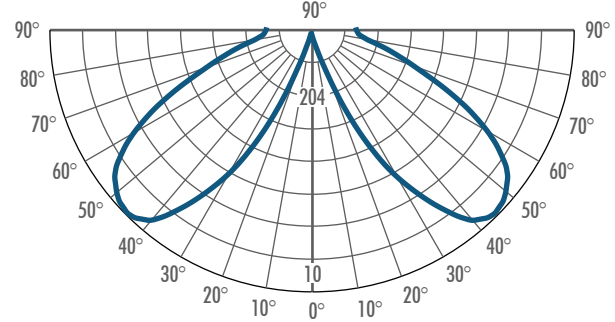
BL31 - PHOTOMETRY

7" LED Round Bollard - Cone Reflector

BL31BUE-T40 - 2300lm - 4000K

System Power	:27.7W	Multipliers	
Test Date	:6/2017	3000K	0.97
Beam Angle 50%	:46.6°	5000K	1.30
Field Angle 10%	:180°		
Color Temperature	:4200K		
CRI	:84.2		
R9 Value	:16.7		
Lumens Delivered	:2317lm		
CBCP	:550cd		
Power Factor	:0.99		

CANDELA TABULATION



Statistics:

Description	Bollard Symbol	FC loc. Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	○	+	4.9fc	28.1fc	0.20fc	141:1	25:1

NOTES:

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

+0.2	+0.3	+0.5	+0.8	+1.0	+1.2	+1.1	+0.8	+0.6	+0.4	+0.4	+0.4	+0.6	+0.8	+1.1	+1.2	+1.1	+0.8	+0.5	+0.3	+0.2
+0.3	+0.5	+0.9	+1.7	+2.9	+3.6	+2.9	+1.8	+1.0	+0.6	+0.5	+0.6	+1.0	+1.8	+2.9	+3.6	+2.9	+1.7	+0.9	+0.5	+0.3
+0.4	+0.8	+1.7	+4.4	+9.3	+12.4	+9.3	+4.4	+1.8	+0.9	+0.7	+0.9	+1.8	+4.4	+9.3	+12.4	+9.3	+4.4	+1.7	+0.8	+0.4
+0.5	+1.0	+2.9	+9.7	+9.3	+28.1	+23.5	+9.3	+3.0	+1.2	+0.9	+1.2	+3.0	+9.3	+23.5	+28.1	+23.5	+9.3	+2.9	+1.0	+0.5
+0.5	+1.2	+3.5	+12.4	+28.0	+1.1	+28.1	+12.5	+3.7	+1.4	+1.0	+1.4	+3.7	+12.5	+28.1	+1.0	+28.0	+12.4	+3.5	+1.2	+0.5

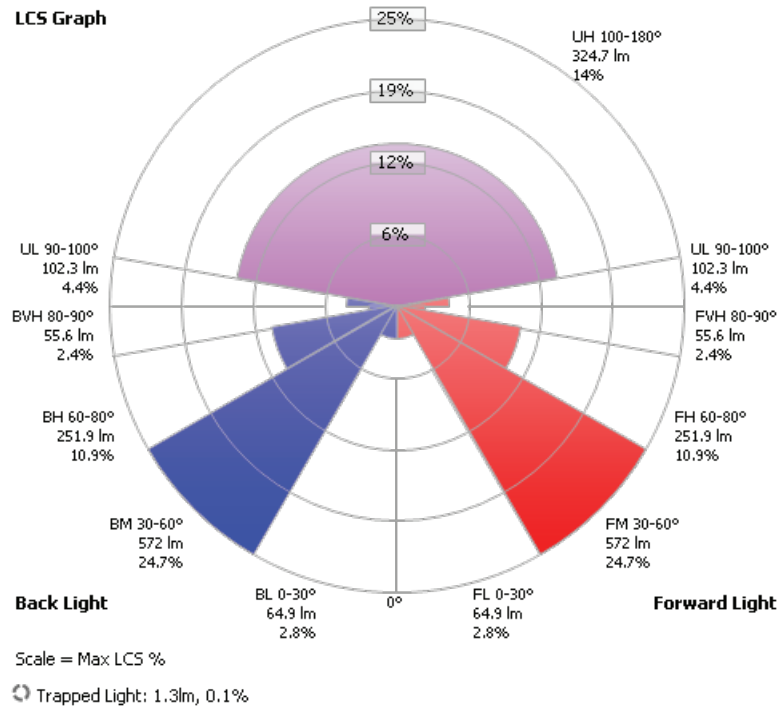
LCS TABLE

BUG Rating

B1 - U3 - G1

Forward Light	Lumens	Lumens %
Low (0-30):	64.9	2.80%
Medium (30-60):	572	24.70%
High (60-80):	251.9	10.90%
Very High (80-90):	55.6	2.40%
Back Light		
Low (0-30):	64.9	2.80%
Medium (30-60):	572	24.70%
High (60-80):	251.9	10.90%
Very High (80-90):	55.6	2.40%
Back Light		
Low (0-30):	102.3	4.40%
High (100-180):	324.7	14%
Trapped Light:	1.3	0%

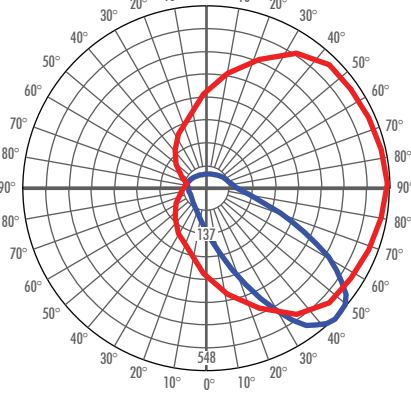
LCS Graph



BL31B-SUE-DUN-T40-BIV - 4000K

System Power	:27.5W	Multipliers	
Test Date	:5/2018	3000K	0.74
Beam Angle 50%	:103.7°	5000K	1.23
Field Angle 10%	:150.1°		
Color Temperature	:4064K		
CRI	:84		
R9 Value	:15.2		
Lumens Delivered	:1016lm		
CBCP	:549cd		
Power Factor	:> 0.9		

CANDELA TABULATION



Statistics:

Description	Bollard Symbol	FC loc. Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	○	+	3.6fc	26.0fc	0.10fc	260:1	36:1

NOTES:

1. On center spacing: 18 ft
2. Distance between fc reading: 2 ft

+0.2	+0.4	+0.6	+0.9	+1.3	+1.5	+1.3	+1.0	+0.7	+0.6	+0.6	+0.7	+1.0	+1.3	+1.5	+1.3	+0.9	+0.6	+0.4	+0.2
+0.3	+0.5	+1.1	+2.0	+3.3	+4.1	+3.4	+2.1	+1.2	+0.8	+0.8	+1.2	+2.1	+3.4	+4.1	+3.3	+2.0	+1.1	+0.5	+0.3
+0.3	+0.6	+1.4	+4.5	+9.5	+13.0	+3.6	+4.6	+1.8	+0.9	+0.9	+1.8	+4.6	+9.6	+13.0	+9.5	+4.5	+1.6	+0.6	+0.3
+0.2	+0.6	+1.9	+6.7	+19.9	+26.0	+10.0	+6.7	+2.0	+0.8	+0.8	+2.0	+6.7	+20.0	+26.0	+19.9	+6.7	+1.9	+0.6	+0.2
+0.1	+0.4	+0.1	+3.9	+8.5	+0.3	+8.5	+4.0	+1.2	+0.5	+0.5	+1.2	+4.0	+8.5	+0.3	+8.5	+3.9	+1.1	+0.4	+0.1

LCS TABLE

BUG Rating

B1 - U3 - G1

Forward Light	Lumens	Lumens %
Low (0-30):	39.8	3.9%
Medium (30-60):	445.9	43.9%
High (60-80):	241.3	23.7%
Very High (80-90):	54.6	5.4%
Back Light		
Low (0-30):	5.0	0.5%
Medium (30-60):	48.9	4.8%
High (60-80):	22.0	2.2%
Very High (80-90):	4.5	0.4%
Back Light		
Low (0-30):	46.7	4.6%
High (100-180):	105.5	10.0%
Trapped Light:	1.7	0.2%

LCS Graph

