



OUTDOOR PHOTOMETRIC REPORT

CATALOG: ALUMIBAY

Manufacturer:

Test #: SLP LIGHTING TEST NO. alumibay clear lens

No

Test Lab: SLP LIGHTING ENGINEERING LAB

Photo

Catalog: alumibay

Available

Description: new alumibay fixture with 4 universal boards and phillips drivers CITADEL ROUND CTR-LENS-AC-CLEAR phillips

Lamp Catalog: universal 22" m10cc840d56n2a

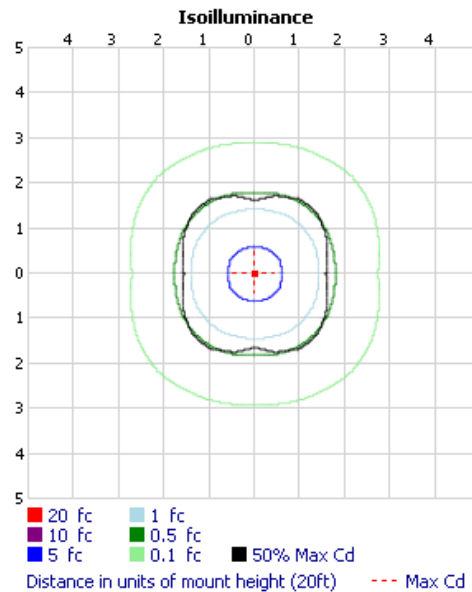
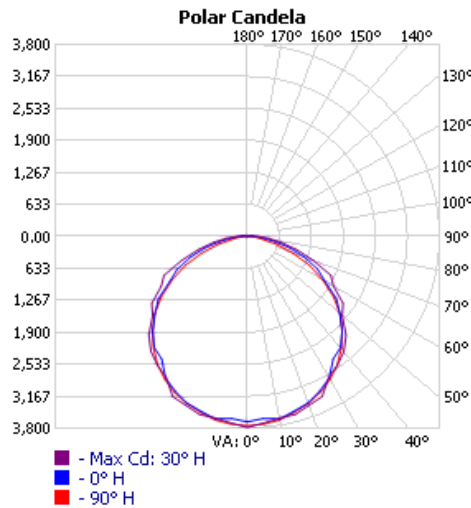
Lamp Output: Total luminaire Lumens: 12154.6, absolute photometry *

Input Wattage: 200

Luminous Opening: Rectangle w/Luminous Sides (L: 48", W: 6", H: 2")

Max Cd: 3,780.0 at Horizontal: 30°, Vertical: 0°

Roadway Class: Type VS



*Test based on absolute photometry where lamp lumens=lumens total.

*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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SLP LIGHTING TEST NO. ALUMIBAY CLEAR LENS
VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,919.3	24%
0-40	4,863.4	40%
0-60	8,933.9	73.5%
60-90	2,974.7	24.5%
70-100	1,591.2	13.1%
90-120	246.0	2%
0-90	11,908.6	98%
90-180	246.0	2%
0-180	12,154.6	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	350.9	2.9%	90-100	206.4	1.7%
10-20	990.2	8.1%	100-110	39.6	0.3%
20-30	1,578.2	13.0%	110-120	0.000	0%
30-40	1,944.1	16.0%	120-130	0.000	0%
40-50	2,092.8	17.2%	130-140	0.000	0%
50-60	1,977.7	16.3%	140-150	0.000	0%
60-70	1,589.8	13.1%	150-160	0.000	0%
70-80	983.4	8.1%	160-170	0.000	0%
80-90	401.4	3.3%	170-180	0.000	0%

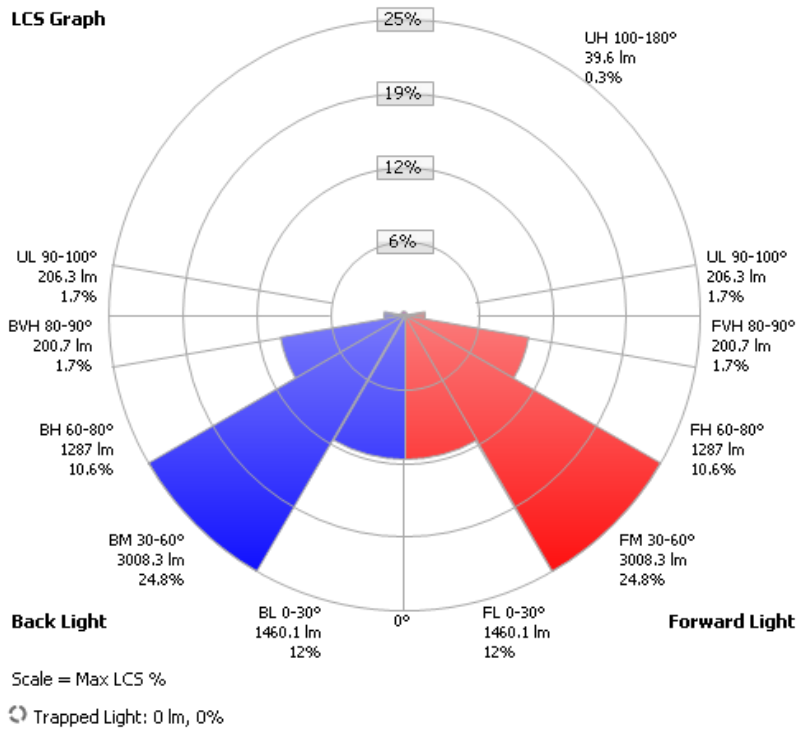
Roadway Summary

	Lumens	% Lamp	Type VS
Distribution:			210.0
Max Cd, 90 Deg Vert:			740.0
Max Cd, 80 to <90 Deg:			
Downward Street Side:	5,956.3	49%	
Downward House Side:	5,956.3	49%	
Downward Total:	11,912.5	98%	
Upward Street Side:	123.0	1%	
Upward House Side:	123.0	1%	
Upward Total:	245.9	2%	
Total Lumens:	12,158.4	100%	

LCS Table

BUG Rating	B3 - U3 - G2	
Forward Light	Lumens	Lumens %
Low(0-30):	1,460.1	12%
Medium(30-60):	3,008.3	24.8%
High(60-80):	1,287.0	10.6%
Very High(80-90):	200.7	1.7%
Back Light		
Low(0-30):	1,460.1	12%
Medium(30-60):	3,008.3	24.8%
High(60-80):	1,287.0	10.6%
Very High(80-90):	200.7	1.7%
Uplight		
Low(90-100):	206.3	1.7%
High(100-180):	39.6	0.3%
Trapped Light:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: ALUMIBAY



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Candela Table - Type C

	0	15	30	45	60	75	90
0	3670	3760	3780	3760	3740	3750	3750
5	3620	3660	3710	3720	3680	3770	3730
10	3670	3560	3650	3580	3700	3640	3690
15	3580	3570	3650	3490	2540	3620	3600
20	3510	3520	3560	3590	3490	3570	3520
25	3380	3350	3500	3480	3460	3410	3410
30	3240	3240	3220	3390	3330	3190	3270
35	2960	3100	3110	3110	3170	3110	3100
40	2870	2950	2970	2970	2960	2850	2890
45	2650	2620	2760	2830	2740	2700	2650
50	2390	2450	2450	2580	2520	2460	2400
55	2150	2170	2310	2300	2300	2150	2080
60	1770	1960	1970	2060	1960	1820	1720
65	1530	1610	1820	1720	1610	1470	1350
70	1200	1300	1380	1480	1330	1130	960
75	870	960	1010	1050	1010	770	590
80	540	650	680	740	660	480	280
85	310	370	420	430	390	260	160
90	140	170	210	210	190	130	70
95	90	1000	110	110	110	90	60
100	80	90	100	100	100	70	60
105	0	0	0	90	90	0	0
110	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0



OUTDOOR PHOTOMETRIC REPORT

CATALOG: ALUMIBAY

Manufacturer:

Test #: SLP LIGHTING TEST NO. alumibay clear lens 200w

No

Test Lab: SLP LIGHTING ENGINEERING LAB

Photo

Catalog: alumibay

Available

Description: new alumibay fixture with 4 universal boards and 2 osram 95w drivers ALB-EXT-HB-46 ALB-EXT-PC-46-CLR 2x osram 95w drivers

Lamp Catalog: universal 22" m10cc840d56n2a

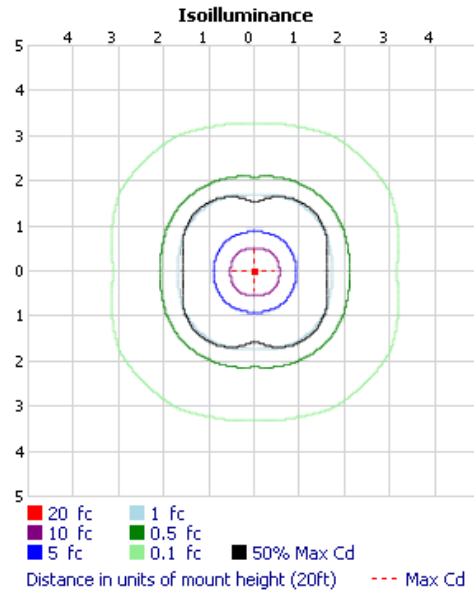
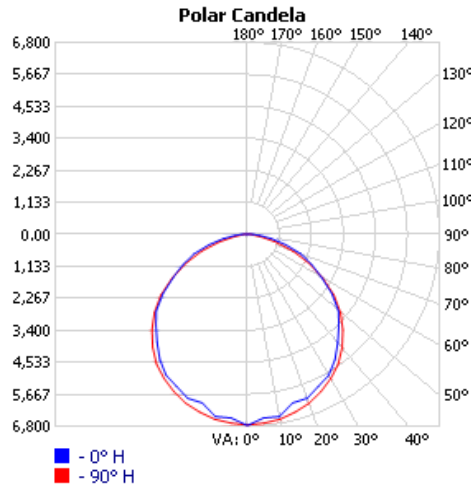
Lamp Output: Total luminaire Lumens: 21054.1, absolute photometry *

Input Wattage: 200

Luminous Opening: Rectangle w/Luminous Sides (L: 48", W: 6", H: 2")

Max Cd: 6,770.0 at Horizontal: 0°, Vertical: 0°

Roadway Class: Type VS



*Test based on absolute photometry where lamp lumens=lumens total.

*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	5,251.4	24.9%
0-40	8,714.2	41.4%
0-60	15,916.3	75.6%
60-90	5,064.3	24.1%
70-100	2,396.6	11.4%
90-120	73.5	0.3%
0-90	20,980.6	99.7%
90-180	73.5	0.3%
0-180	21,054.1	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	626.1	3.0%	90-100	73.5	0.3%
10-20	1,811.8	8.6%	100-110	0.000	0%
20-30	2,813.5	13.4%	110-120	0.000	0%
30-40	3,462.8	16.4%	120-130	0.000	0%
40-50	3,715.8	17.6%	130-140	0.000	0%
50-60	3,486.2	16.6%	140-150	0.000	0%
60-70	2,741.3	13.0%	150-160	0.000	0%
70-80	1,670.2	7.9%	160-170	0.000	0%
80-90	652.8	3.1%	170-180	0.000	0%

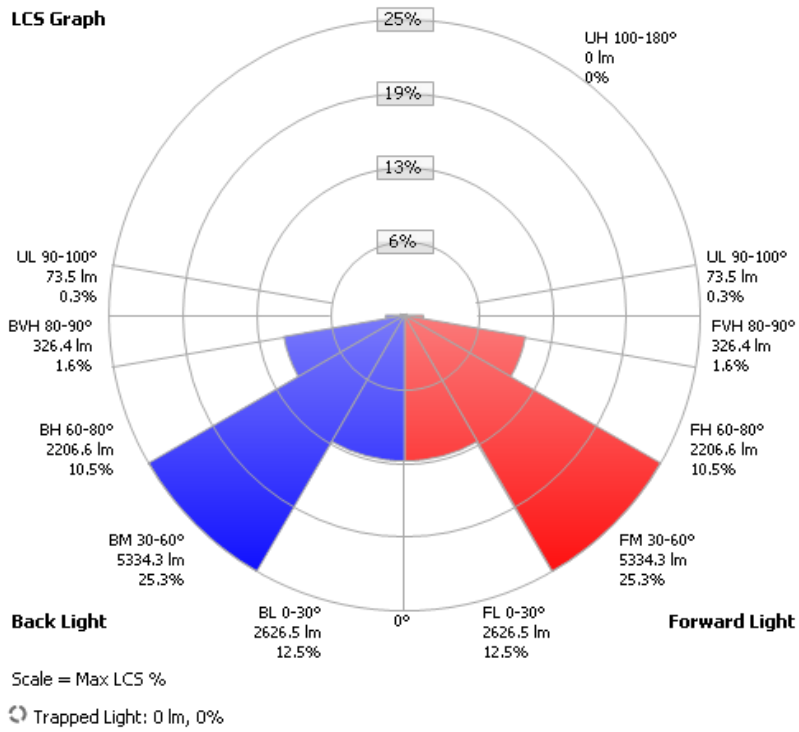
Roadway Summary

	Type	VS
Distribution:		
Max Cd, 90 Deg Vert:		340.0
Max Cd, 80 to <90 Deg:		1,220.0
	Lumens	% Lamp
Downward Street Side:	10,493.9	49.8%
Downward House Side:	10,493.9	49.8%
Downward Total:	20,987.8	99.7%
Upward Street Side:	36.8	0.2%
Upward House Side:	36.8	0.2%
Upward Total:	73.5	0.3%
Total Lumens:	21,061.3	100%

LCS Table

BUG Rating	B4 - U3 - G3	
Forward Light	Lumens	Lumens %
Low(0-30):	2,626.5	12.5%
Medium(30-60):	5,334.3	25.3%
High(60-80):	2,206.6	10.5%
Very High(80-90):	326.4	1.6%
Back Light		
Low(0-30):	2,626.5	12.5%
Medium(30-60):	5,334.3	25.3%
High(60-80):	2,206.6	10.5%
Very High(80-90):	326.4	1.6%
Uplight		
Low(90-100):	73.5	0.3%
High(100-180):	0.000	0%
Trapped Light:	0.000	0%

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CATALOG: ALUMIBAY



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Candela Table - Type C

	0	15	30	45	60	75	90
0	6770	6550	6590	6770	6760	6750	6750
5	6530	6490	6510	6710	6570	6700	6710
10	6550	6550	6270	6500	6520	6520	6650
15	6180	6390	6510	6330	6410	6590	6520
20	6180	6330	6160	6340	6160	6340	6370
25	5940	6010	6150	6080	6280	6070	6150
30	5760	5760	5960	6030	5930	5820	5900
35	5410	5340	5610	5550	5600	5510	5610
40	4980	5090	5140	5240	5400	5150	5220
45	4580	4720	4870	4990	4820	4900	4780
50	4210	4290	4440	4520	4510	4370	4300
55	3650	3880	3990	3950	4010	3840	3740
60	3030	3390	3590	3630	3520	3240	3070
65	2500	2770	2910	3000	2830	2580	2390
70	2010	2110	2260	2440	2330	2010	1720
75	1410	1530	1790	1740	1780	1370	1040
80	860	1020	1190	1220	1160	850	510
85	440	530	650	710	650	460	210
90	200	250	320	340	320	220	120
95	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0



OUTDOOR PHOTOMETRIC REPORT

CATALOG: ALUMIBAY

Manufacturer:

Test #: SLP LIGHTING TEST NO. alumibay frost lens

No

Test Lab: SLP LIGHTING ENGINEERING LAB

Photo

Catalog: alumibay

Available

Description: new alumibay fixture with 4 universal boards and phillips drivers CITADEL ROUND alb-ext-pc-46 phillips

Lamp Catalog: universal 22" m10cc840d56n2a

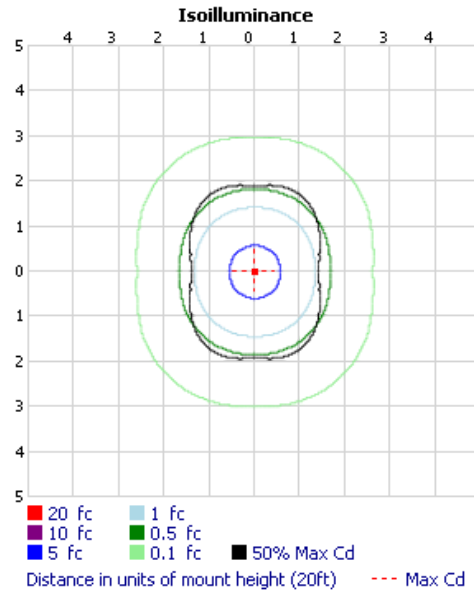
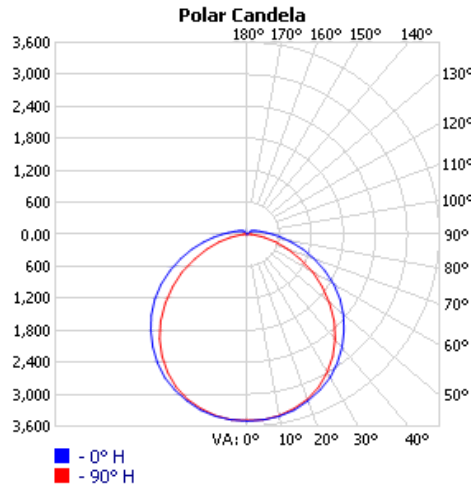
Lamp Output: Total luminaire Lumens: 12136.7, absolute photometry *

Input Wattage: 200

Luminous Opening: Rectangle w/Luminous Sides (L: 48", W: 6", H: 2")

Max Cd: 3,500.0 at Horizontal: 0°, Vertical: 0°

Roadway Class: Type VS




*Test based on absolute photometry where lamp lumens=lumens total.

*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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 SLP LIGHTING TEST NO. ALUMIBAY FROST LENS
VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,779.2	22.9%
0-40	4,603.0	37.9%
0-60	8,341.5	68.7%
60-90	3,075.6	25.3%
70-100	1,933.3	15.9%
90-120	607.3	5%
0-90	11,417.2	94.1%
90-180	719.5	5.9%
0-180	12,136.7	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	332.1	2.7%	90-100	322.8	2.7%
10-20	963.2	7.9%	100-110	175.2	1.4%
20-30	1,483.9	12.2%	110-120	109.3	0.9%
30-40	1,823.7	15.0%	120-130	70.2	0.6%
40-50	1,934.8	15.9%	130-140	37.1	0.3%
50-60	1,803.7	14.9%	140-150	5.0	0%
60-70	1,465.2	12.1%	150-160	0.000	0%
70-80	1,014.7	8.4%	160-170	0.000	0%
80-90	595.7	4.9%	170-180	0.000	0%

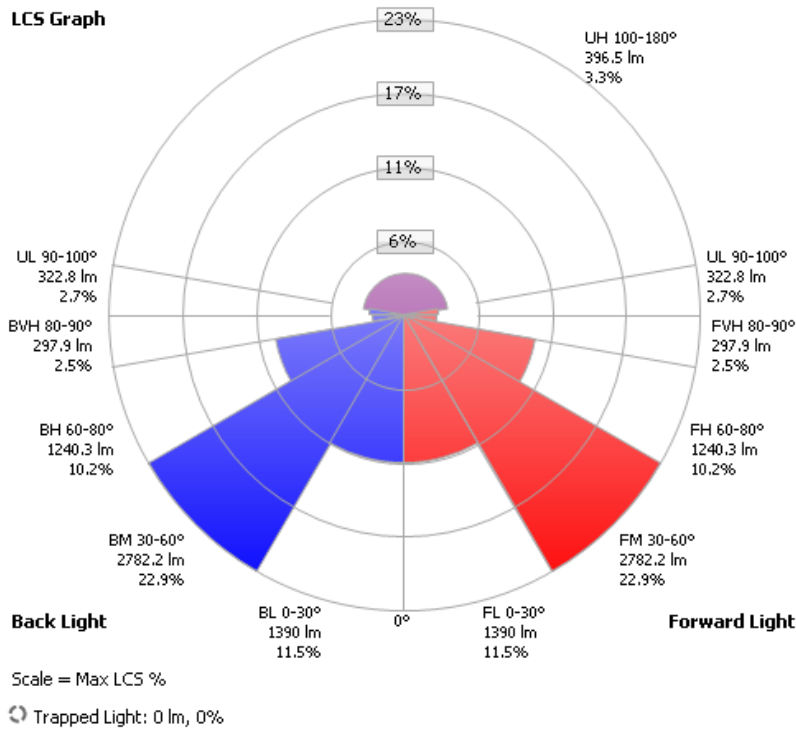
Roadway Summary

	Lumens	% Lamp	Type VS
Distribution:			520.0
Max Cd, 90 Deg Vert:			900.0
Max Cd, 80 to <90 Deg:			
Downward Street Side:	5,710.4	47.1%	
Downward House Side:	5,710.4	47.1%	
Downward Total:	11,420.8	94.1%	
Upward Street Side:	359.6	3%	
Upward House Side:	359.6	3%	
Upward Total:	719.3	5.9%	
Total Lumens:	12,140.0	100%	

LCS Table

BUG Rating	B3 - U3 - G3	
Forward Light	Lumens	Lumens %
Low(0-30):	1,390.0	11.5%
Medium(30-60):	2,782.2	22.9%
High(60-80):	1,240.3	10.2%
Very High(80-90):	297.9	2.5%
Back Light		
Low(0-30):	1,390.0	11.5%
Medium(30-60):	2,782.2	22.9%
High(60-80):	1,240.3	10.2%
Very High(80-90):	297.9	2.5%
Uplight		
Low(90-100):	322.8	2.7%
High(100-180):	396.5	3.3%
Trapped Light:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: ALUMIBAY



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Candela Table - Type C

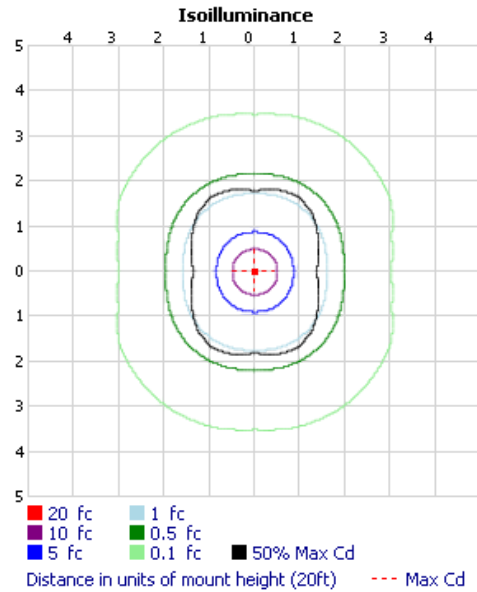
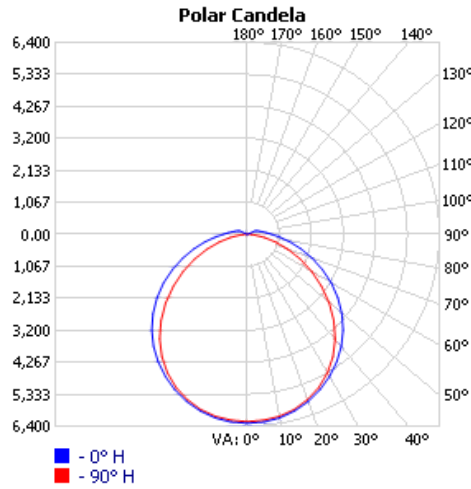
	0	15	30	45	60	75	90
0	3500	3490	3490	3490	3490	3490	3490
5	3490	3490	3490	3490	3490	3490	3490
10	3460	3470	3470	3470	3470	3460	3450
15	3410	3420	3430	3420	3420	3400	3380
20	3320	3340	3350	3350	3330	3310	3290
25	3220	3240	3250	3240	3220	3190	3160
30	3100	3110	3130	3120	3070	3030	2990
35	2940	2970	2970	2950	2910	2830	2790
40	2760	2810	2810	2770	2710	2620	2560
45	2560	2610	2610	2570	2480	2360	2300
50	2350	2400	2400	2330	2230	2100	2010
55	2120	2160	2170	2100	1970	1800	1710
60	1870	1920	1930	1840	1690	1500	1420
65	1600	1660	1660	1590	1410	1210	1090
70	1330	1390	1400	1320	1150	920	810
75	1080	1120	1140	1070	910	670	550
80	840	890	900	840	700	460	320
85	640	670	690	640	510	300	150
90	480	500	520	480	370	190	70
95	360	380	390	360	270	130	60
100	280	290	300	270	200	50	60
105	230	240	240	210	150	0	0
110	190	200	190	170	120	0	0
115	160	170	160	140	100	0	0
120	140	140	140	120	90	0	0
125	120	120	120	90	70	0	0
130	100	100	100	80	60	0	0
135	90	90	80	70	0	0	0
140	70	70	70	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0



OUTDOOR PHOTOMETRIC REPORT
CATALOG: ALUMIBAY


Manufacturer:
 Test #: SLP LIGHTING TEST NO. alumibay frost lens 200w
 Test Lab: SLP LIGHTING ENGINEERING LAB
 Catalog: alumibay
 Description: new alumibay fixture with 4 universal boards and 2 osram 95w drivers frost lens ALB-EXT-HB-46 ALB-EXT-PC-46-FST 2x osram 95w drivers
 Lamp Catalog: universal 22" m10cc840d56n2a
 Lamp Output: Total luminaire Lumens: 21314.8, **absolute photometry ***
 Input Wattage: 200
 Luminous Opening: Rectangle w/Luminous Sides (L: 48", W: 6", H: 2")
 Max Cd: 6,300.0 at Horizontal: 0°, Vertical: 0°
 Roadway Class: Type VS

No
Photo
Available



*Test based on absolute photometry where lamp lumens=lumens total.
 *Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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 SLP LIGHTING TEST NO. ALUMIBAY FROST LENS 200W
 VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	4,963.4	23.3%
0-40	8,206.2	38.5%
0-60	14,805.5	69.5%
60-90	5,421.1	25.4%
70-100	3,397.3	15.9%
90-120	1,088.2	5.1%
0-90	20,226.6	94.9%
90-180	1,088.2	5.1%
0-180	21,314.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	594.8	2.8%	90-100	568.5	2.7%
10-20	1,721.6	8.1%	100-110	339.8	1.6%
20-30	2,647.0	12.4%	110-120	179.9	0.8%
30-40	3,242.9	15.2%	120-130	0.000	0%
40-50	3,426.3	16.1%	130-140	0.000	0%
50-60	3,173.0	14.9%	140-150	0.000	0%
60-70	2,592.3	12.2%	150-160	0.000	0%
70-80	1,795.2	8.4%	160-170	0.000	0%
80-90	1,033.6	4.8%	170-180	0.000	0%

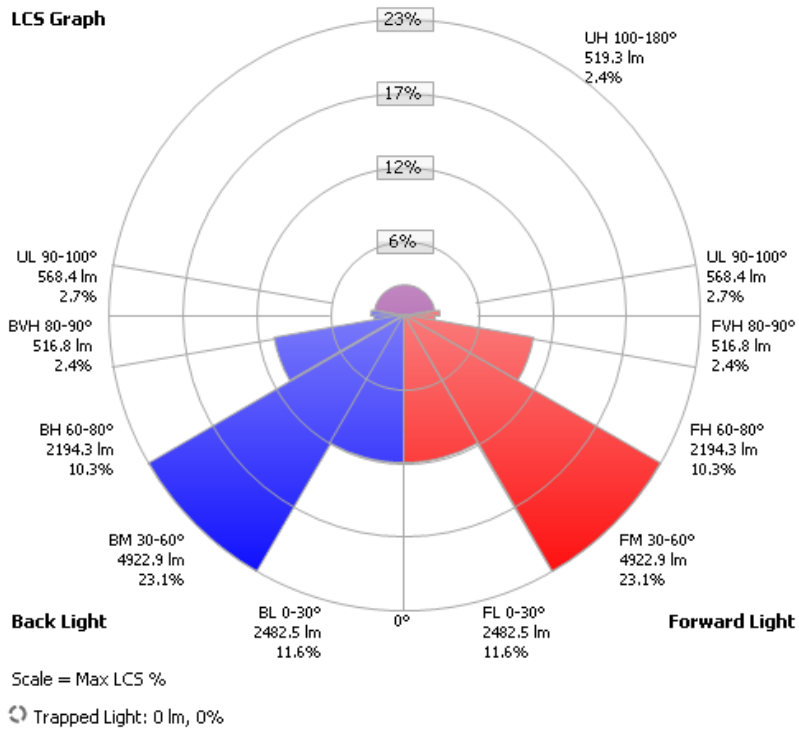
Roadway Summary

Distribution:	Type VS
Max Cd, 90 Deg Vert:	920.0
Max Cd, 80 to <90 Deg:	1,580.0
	Lumens % Lamp
Downward Street Side:	10,116.5 47.5%
Downward House Side:	10,116.5 47.5%
Downward Total:	20,233.1 94.9%
Upward Street Side:	543.9 2.6%
Upward House Side:	543.9 2.6%
Upward Total:	1,087.8 5.1%
Total Lumens:	21,320.8 100%

LCS Table

BUG Rating	B3 - U4 - G4	
Forward Light	Lumens	Lumens %
Low(0-30):	2,482.5	11.6%
Medium(30-60):	4,922.9	23.1%
High(60-80):	2,194.3	10.3%
Very High(80-90):	516.8	2.4%
Back Light		
Low(0-30):	2,482.5	11.6%
Medium(30-60):	4,922.9	23.1%
High(60-80):	2,194.3	10.3%
Very High(80-90):	516.8	2.4%
Uplight		
Low(90-100):	568.4	2.7%
High(100-180):	519.3	2.4%
Trapped Light:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: ALUMIBAY



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Candela Table - Type C

	0	15	30	45	60	75	90
0	6300	6270	6260	6260	6250	6240	6240
5	6280	6260	6260	6260	6250	6240	6220
10	6210	6200	6210	6220	6210	6190	6160
15	6090	6100	6120	6130	6110	6080	6040
20	5930	5950	5990	5990	5960	5920	5860
25	5720	5760	5800	5800	5760	5690	5630
30	5470	5530	5570	5550	5500	5410	5330
35	5190	5260	5280	5260	5180	5070	4970
40	4870	4940	4990	4930	4810	4660	4550
45	4510	4600	4630	4560	4400	4210	4070
50	4110	4210	4240	4150	3940	3710	3560
55	3680	3790	3820	3710	3460	3180	3010
60	3230	3350	3380	3250	2970	2640	2480
65	2750	2890	2920	2790	2480	2130	1940
70	2290	2410	2460	2320	2000	1630	1430
75	1840	1970	2000	1880	1560	1180	970
80	1440	1530	1580	1470	1180	790	570
85	1090	1180	1210	1130	870	510	260
90	820	890	920	840	620	310	120
95	640	690	700	630	450	200	110
100	510	540	540	490	330	150	100
105	420	440	440	380	250	120	100
110	350	370	350	310	200	110	90
115	300	300	300	300	180	100	80
120	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0



OUTDOOR PHOTOMETRIC REPORT

CATALOG: ALUMIBAY

Manufacturer:

Test #: SLP LIGHTING TEST NO. alumibay white lens

No

Test Lab: SLP LIGHTING ENGINEERING LAB

Photo

Catalog: alumibay

Available

Description: new alumibay fixture with 4 universal boards and phillips drivers CITADEL ROUND alb-ext-pc-46 phillips

Lamp Catalog: universal 22" m10cc840d56n2a

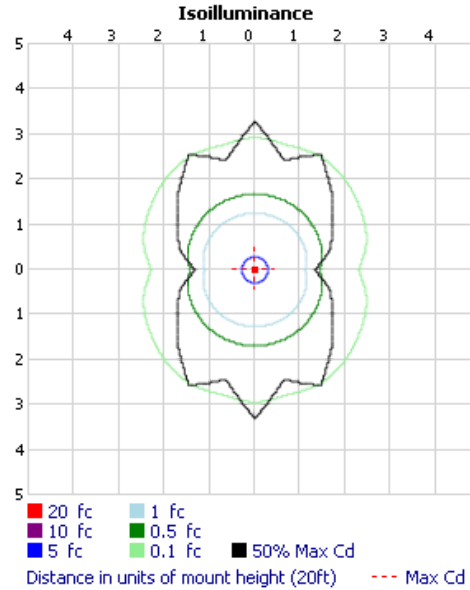
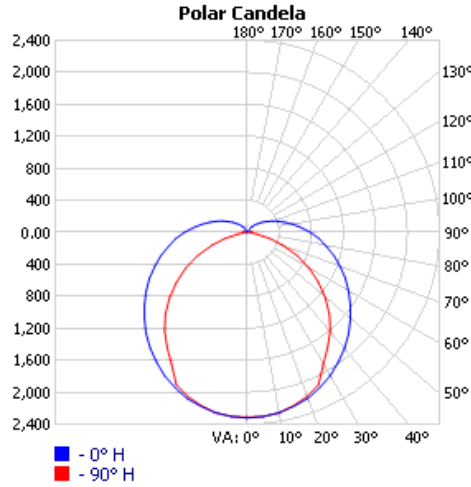
Lamp Output: Total luminaire Lumens: 9516.3, absolute photometry *

Input Wattage: 200

Luminous Opening: Rectangle w/Luminous Sides (L: 48", W: 6", H: 2")

Max Cd: 2,320.0 at Horizontal: 0°, Vertical: 0°

Roadway Class: VERY SHORT, TYPE IV

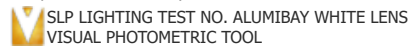


*Test based on absolute photometry where lamp lumens=lumens total.

*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,846.2	19.4%
0-40	3,069.3	32.3%
0-60	5,683.0	59.7%
60-90	2,706.1	28.4%
70-100	2,036.9	21.4%
90-120	963.6	10.1%
0-90	8,389.1	88.2%
90-180	1,127.2	11.8%
0-180	9,516.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	220.5	2.3%	90-100	471.4	5%
10-20	638.6	6.7%	100-110	310.0	3.3%
20-30	987.2	10.4%	110-120	182.2	1.9%
30-40	1,223.1	12.9%	120-130	103.0	1.1%
40-50	1,311.2	13.8%	130-140	51.0	0.5%
50-60	1,302.4	13.7%	140-150	9.5	0.1%
60-70	1,140.6	12.0%	150-160	0.000	0%
70-80	904.2	9.5%	160-170	0.000	0%
80-90	661.4	7.0%	170-180	0.000	0%

Roadway Summary

Distribution: TYPE IV, VERY SHORT

Max Cd, 90 Deg Vert:	790.0
Max Cd, 80 to <90 Deg:	1,000.0
	Lumens % Lamp
Downward Street Side:	4,195.6 44.1%
Downward House Side:	4,195.6 44.1%
Downward Total:	8,391.2 88.2%
Upward Street Side:	563.4 5.9%
Upward House Side:	563.4 5.9%
Upward Total:	1,126.7 11.8%
Total Lumens:	9,517.9 100%

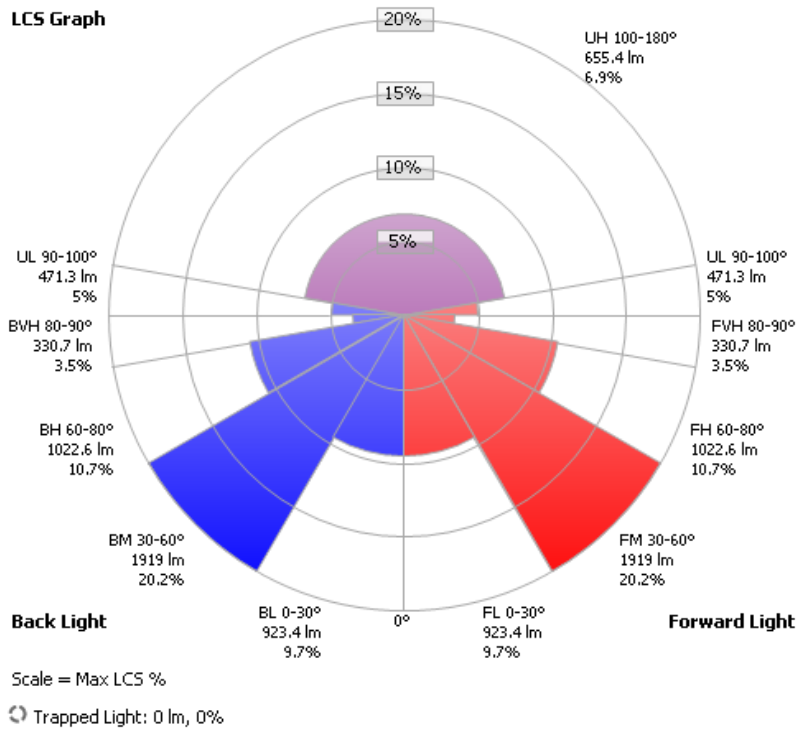
LCS Table

BUG Rating

B3 - U4 - G3

Forward Light	Lumens	Lumens %
Low(0-30):	923.4	9.7%
Medium(30-60):	1,919.0	20.2%
High(60-80):	1,022.6	10.7%
Very High(80-90):	330.7	3.5%
Back Light		
Low(0-30):	923.4	9.7%
Medium(30-60):	1,919.0	20.2%
High(60-80):	1,022.6	10.7%
Very High(80-90):	330.7	3.5%
Uplight		
Low(90-100):	471.3	5%
High(100-180):	655.4	6.9%
Trapped Light:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: ALUMIBAY



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Candela Table - Type C

	0	15	30	45	60	75	90
0	2320	2320	2320	2320	2320	2320	2310
5	2310	2320	2320	2320	2310	2320	2310
10	2290	2300	2300	2310	2300	2300	2290
15	2250	2260	2270	2270	2270	2250	2240
20	2210	2220	2220	2220	2210	2200	2180
25	2140	2160	2160	2160	2150	2120	2100
30	2070	2090	2080	2080	2050	2030	1900
35	1980	2000	2000	1990	1950	1920	1750
40	1890	1910	1910	1880	1840	1790	1610
45	1790	1800	1800	1760	1410	1650	1450
50	1680	1700	1690	1640	1570	1500	1270
55	1570	1590	1560	1510	1420	1330	1080
60	1460	1480	1440	1360	1260	1160	890
65	1350	1240	1320	1230	1110	970	690
70	1230	1120	1190	1090	940	790	470
75	1120	1010	1070	950	790	600	290
80	1000	890	950	820	650	440	120
85	900	780	830	710	520	300	50
90	790	680	720	600	410	190	40
95	680	580	620	490	320	120	40
100	580	490	520	410	240	90	60
105	490	410	430	320	180	70	0
110	410	330	350	260	140	50	0
115	340	270	290	200	120	50	0
120	270	210	220	160	90	40	0
125	220	160	170	130	80	40	0
130	170	120	140	100	60	0	0
135	140	90	100	80	60	0	0
140	100	70	80	60	0	0	0
145	80	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0



OUTDOOR PHOTOMETRIC REPORT

CATALOG: ALUMIBAY

Manufacturer:

Test #: SLP LIGHTING TEST NO. alumibay white lens 200w

No

Test Lab: SLP LIGHTING ENGINEERING LAB

Photo

Catalog: alumibay

Available

Description: new alumibay fixture with 4 universal boards and 2 osram 95w drivers white lens ALB-EXT-HB-46 ALB-EXT-PC-46-WHT 2x osram 95w drivers

Lamp Catalog: universal 22" m10cc840d56n2a

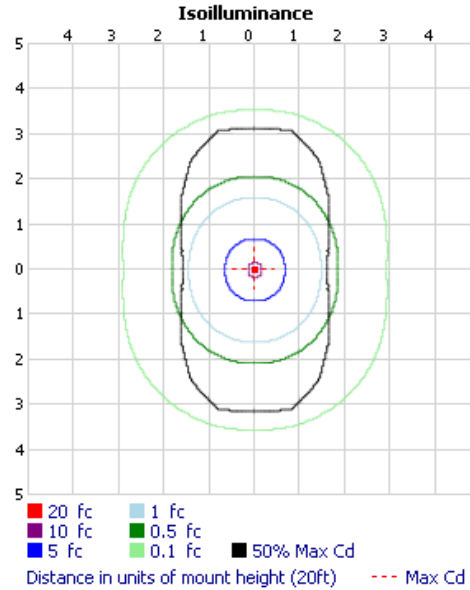
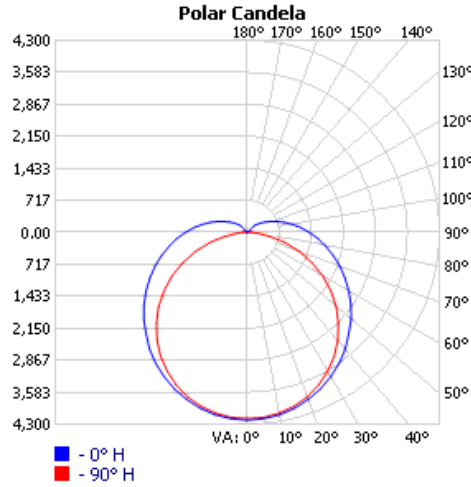
Lamp Output: Total luminaire Lumens: 17226.8, absolute photometry *

Input Wattage: 200

Luminous Opening: Rectangle w/Luminous Sides (L: 48", W: 6", H: 2")

Max Cd: 4,210.0 at Horizontal: 0°, Vertical: 0°

Roadway Class: VERY SHORT, TYPE IV



*Test based on absolute photometry where lamp lumens=lumens total.

*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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SLP LIGHTING TEST NO. ALUMIBAY WHITE LENS 200W
VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	3,327.8	19.3%
0-40	5,538.4	32.2%
0-60	10,298.3	59.8%
60-90	4,969.6	28.8%
70-100	3,716.2	21.6%
90-120	1,717.9	10%
0-90	15,267.9	88.6%
90-180	1,958.9	11.4%
0-180	17,226.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	397.4	2.3%	90-100	833.8	4.8%
10-20	1,151.2	6.7%	100-110	545.3	3.2%
20-30	1,779.1	10.3%	110-120	338.8	2%
30-40	2,210.7	12.8%	120-130	169.2	1%
40-50	2,404.9	14.0%	130-140	71.8	0.4%
50-60	2,355.0	13.7%	140-150	0.000	0%
60-70	2,087.1	12.1%	150-160	0.000	0%
70-80	1,669.9	9.7%	160-170	0.000	0%
80-90	1,212.6	7.0%	170-180	0.000	0%

Roadway Summary

Distribution: TYPE IV, VERY SHORT

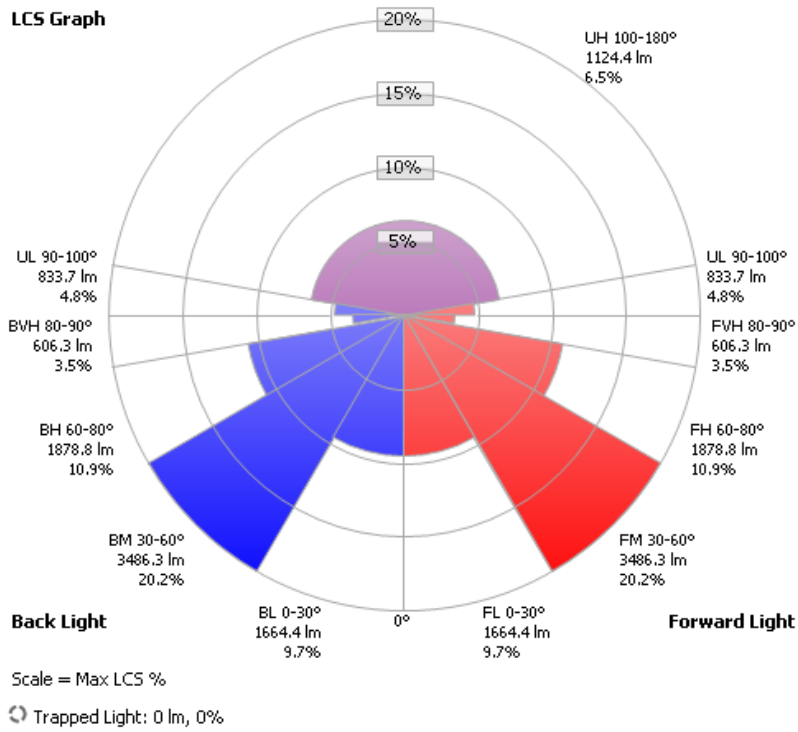
Max Cd, 90 Deg Vert:	1,390.0	
Max Cd, 80 to <90 Deg:	1,790.0	
	Lumens	% Lamp
Downward Street Side:	7,635.8	44.3%
Downward House Side:	7,635.8	44.3%
Downward Total:	15,271.6	88.6%
Upward Street Side:	979.1	5.7%
Upward House Side:	979.1	5.7%
Upward Total:	1,958.2	11.4%
Total Lumens:	17,229.7	100%

LCS Table

BUG Rating B3 - U5 - G4

Forward Light	Lumens	Lumens %
Low(0-30):	1,664.4	9.7%
Medium(30-60):	3,486.3	20.2%
High(60-80):	1,878.8	10.9%
Very High(80-90):	606.3	3.5%
Back Light		
Low(0-30):	1,664.4	9.7%
Medium(30-60):	3,486.3	20.2%
High(60-80):	1,878.8	10.9%
Very High(80-90):	606.3	3.5%
Uplight		
Low(90-100):	833.7	4.8%
High(100-180):	1,124.4	6.5%
Trapped Light:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: ALUMIBAY



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ALUMIBAY



Candela Table - Type C

	0	15	30	45	60	75	90
0	4210	4190	4180	4180	4170	4170	4170
5	4190	4180	4180	4180	4170	4170	4160
10	4150	4150	4160	4160	4150	4130	4110
15	4080	4090	4100	4090	4080	4050	4030
20	3980	4010	4010	4000	3980	3950	3920
25	3870	3890	3900	3880	3860	3810	3770
30	3730	3760	3760	3740	3700	3640	3590
35	3580	3600	3600	3570	3510	3440	3390
40	3410	3430	3420	3370	3290	3210	3150
45	3210	3250	3230	3160	3060	2960	2880
50	3030	3060	3020	2930	2800	2670	2600
55	2830	2860	2800	2690	2530	2370	2280
60	2620	2640	2580	2440	2240	2050	1950
65	2410	2430	2350	2180	1950	1730	1590
70	2200	2210	2130	1930	1670	1390	1230
75	1990	2010	1900	1690	1390	1050	870
80	1780	1790	1680	1450	1130	750	520
85	1590	1580	1470	1240	900	490	250
90	1390	1390	1270	1040	770	320	100
95	1210	1210	1090	860	530	200	90
100	1030	1030	910	700	410	150	0
105	870	870	750	560	310	120	0
110	720	720	620	450	240	110	90
115	580	580	500	350	190	100	80
120	470	460	390	280	150	0	0
125	370	360	310	220	0	0	0
130	280	280	240	170	0	0	0
135	220	220	190	150	0	0	0
140	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0