



Filename: H6L632M23MV

Luminaire: 6/32W T8 LAMP 3 ADVANCE BALLAST #ICN-2P32-SC WATTS=168 REFL=90%

Luminaire Cat: AL-4-632

Lamp Cat: F32T8/835/RS

Lamp Output: 6 lamps, rated Lumens/lamp: 2950

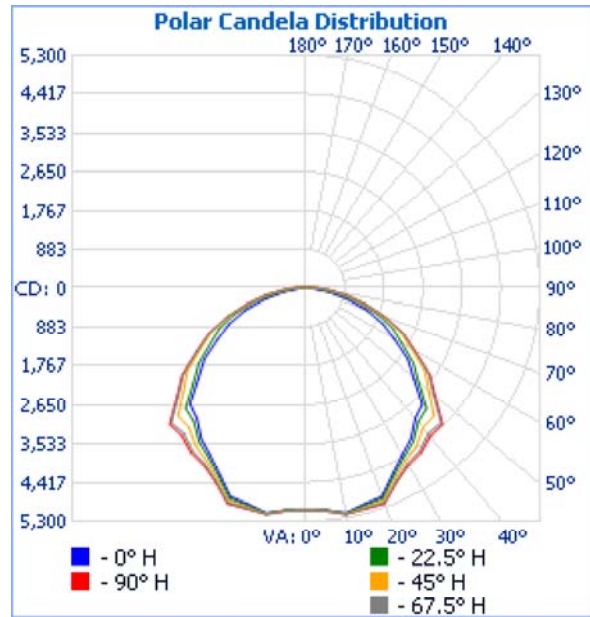
Max Candela: 5,213.0 at Horizontal: 90°, Vertical: 10°

Input Wattage: 168

Luminous Opening: Rectangle w/Luminous Sides (L: 48", W: 15.62", H: 0.5")

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	233.0	
Max Cd, 80 to <90 Deg:	929.0	
	Lumens	% Lamp
Downward Street Side:	8,404.8	47.5%
Downward House Side:	8,404.8	47.5%
Downward Total:	16,809.5	95%
Upward Street Side:	41.6	0.2%
Upward House Side:	41.6	0.2%
Upward Total:	83.2	0.5%
Total Lumens:	16,892.7	95.4%

Flood Summary

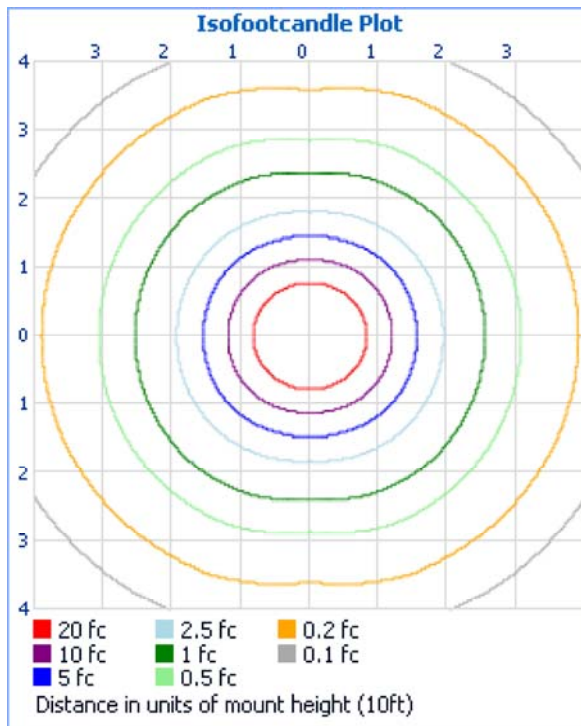
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	93.7%	16,582.2	169.5	163
Beam (50%):	73.6%	13,035.9	125.8	113.5
Total:	95.4%	16,886.7		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	4,160.9	23.5%	24.6%
0-40	6,881.0	38.9%	40.7%
0-60	12,766.6	72.1%	75.6%
60-90	4,037.9	22.8%	23.9%
70-100	1,878.7	10.6%	11.1%
90-120	83.2	0.5%	0.5%
0-90	16,804.4	94.9%	99.5%
90-180	83.2	0.5%	0.5%
0-180	16,887.6	95.4%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	489.5	2.9%	90-100	76.4	0.5%
10-20	1,461.0	8.7%	100-110	6.9	0%
20-30	2,210.4	13.1%	110-120	0	0%
30-40	2,720.1	16.1%	120-130	0	0%
40-50	3,063.1	18.1%	130-140	0	0%
50-60	2,822.4	16.7%	140-150	0	0%
60-70	2,235.5	13.2%	150-160	0	0%
70-80	1,340.4	7.9%	160-170	0	0%
80-90	461.9	2.7%	170-180	0	0%



	Center Beam fc	Beam Width	
1.7R	1,750 fc	5.2 ft	6.6 ft
3.3R	464 fc	10.1 ft	12.9 ft
5.0R	202 fc	15.3 ft	19.5 ft
6.7R	113 fc	20.4 ft	26.2 ft
8.3R	73.4 fc	25.3 ft	32.4 ft
10.0R	50.6 fc	30.5 ft	39.0 ft

■ Vert. Spread: 113.5°
■ Horiz. Spread: 125.8°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.13	1.13	1.13	1.13	1.11	1.11	1.11	.95	1.06	1.06	1.06	1.01	1.01	1.01	.97	.97	.97	.95
1	1.03	.98	.94	.90	1.00	.96	.92	.79	.92	.88	.85	.88	.85	.83	.84	.82	.80	.78
2	.93	.85	.78	.72	.91	.83	.77	.66	.80	.74	.70	.76	.72	.68	.73	.70	.66	.64
3	.85	.74	.66	.59	.82	.73	.65	.55	.70	.63	.58	.67	.61	.57	.64	.60	.56	.53
4	.77	.65	.57	.50	.75	.64	.56	.47	.62	.54	.49	.59	.53	.48	.57	.52	.47	.45
5	.71	.58	.49	.43	.69	.57	.49	.41	.55	.48	.42	.53	.46	.41	.51	.45	.41	.39
6	.65	.52	.43	.37	.63	.51	.43	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
7	.60	.47	.39	.33	.59	.46	.38	.31	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
8	.56	.43	.35	.29	.55	.42	.34	.28	.41	.34	.29	.40	.33	.28	.38	.33	.28	.26
9	.52	.39	.31	.26	.51	.39	.31	.25	.38	.31	.26	.36	.30	.25	.35	.30	.25	.23
10	.49	.36	.28	.23	.48	.36	.28	.23	.35	.28	.23	.34	.27	.23	.33	.27	.23	.21

Candela Table - Type C

	0	22.5	45	67.5	90
0	5057	5057	5057	5057	5057
5	5059	5061	5071	5078	5082
10	5187	5196	5208	5212	5213
15	5082	5116	5154	5180	5191
20	5036	5087	5141	5192	5213
25	4650	4709	4782	4841	4862
30	4357	4426	4520	4597	4639
35	4151	4237	4360	4492	4548
40	3854	3960	4128	4303	4376
45	3724	3861	4102	4327	4372
50	3195	3334	3627	3781	3817

55	2812	2971	3294	3401	3431
60	2311	2500	2758	2838	2850
65	1929	2174	2375	2427	2427
70	1466	1730	1848	1891	1907
75	971	1204	1285	1352	1373
80	518	698	828	911	929
85	149	298	412	485	502
90	24	82	161	216	233
95	0	6	57	107	121
100	0	5	8	33	45
105	0	0	0	12	10
110	0	0	0	0	0
115	0	0	0	0	0
120	0	0	0	0	0
125	0	0	0	0	0
130	0	0	0	0	0
135	0	0	0	0	0
140	0	0	0	0	0
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

Luminaire Report Summary

[LUMINAIRE] 6/32W T8 LAMP
 [LUMINAIRE] 3 ADVANCE BALLAST #ICN-2P32-SC WATTS=168 REFL=90%
 [LUMCAT] AL-4-632
 [LAMPCAT] F32T8/835/RS
 FILE: CANDELA MULTIPLIER: 1
 FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 5
 FILE: COORDINATE SYSTEM: TYPE C
 FILE: UNIT OF MEASURE: STANDARD
 FILE: BALLAST FACTOR: 1

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