

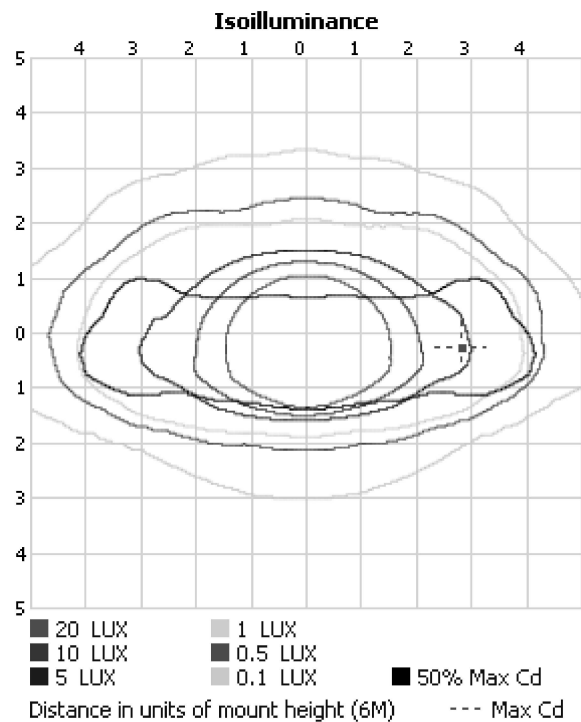
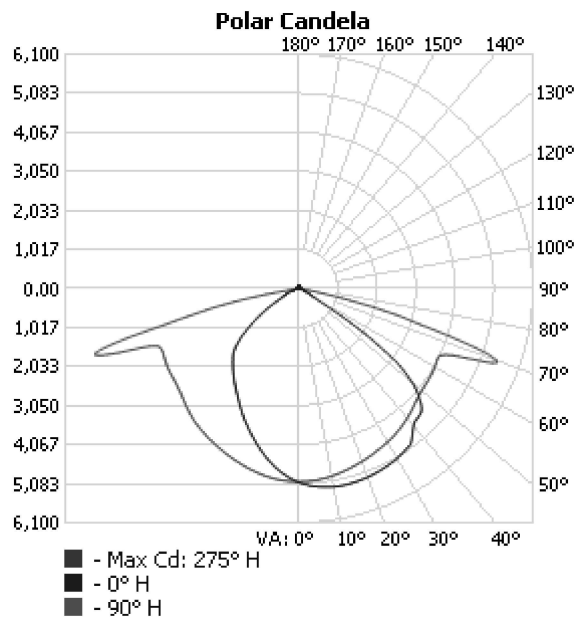
OUTDOOR PHOTOMETRIC REPORT

CATALOG: LUMIN?RIA LED



Manufacturer: INBRAX
Test #: Lite 119-01-2021
Test Lab: Intertek SCS
Catalog: LUMIN?RIA LED
Description: IN.LUM.EFC-100W-5000K
Lamp Output: 1 lamp, rated Lumens/lamp: 15349.1
Input Wattage: 99.62
Luminous Opening: Point
Max Cd: 6,021.6 at Horizontal: 275°, Vertical: 72°
CUTOFF CLASS: Cutoff
Roadway Class: MEDIUM, TYPE I
Efficiency: 100%

No
Photo
Available



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Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	3,928.0	25.6%	25.6%
0-40	6,573.6	42.8%	42.8%
0-60	12,251.0	79.8%	79.8%
60-90	2,829.9	18.4%	18.4%
70-100	987.8	6.4%	6.4%
90-120	96.1	0.6%	0.6%
0-90	15,081.0	98.3%	98.3%
90-180	268.3	1.7%	1.7%
0-180	15,349.3	100%	100%

Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE I, MEDIUM	
Max Cd, 90 Deg Vert:	32.2	
Max Cd, 80 to <90 Deg:	878.2	
	Lumens	% Lamp
Downward Street Side:	8,502.8	55.4%
Downward House Side:	6,578.4	42.9%
Downward Total:	15,081.2	98.3%
Upward Street Side:	119.0	0.8%
Upward House Side:	149.2	1%
Upward Total:	268.2	1.7%
Total Lumens:	15,349.5	100%

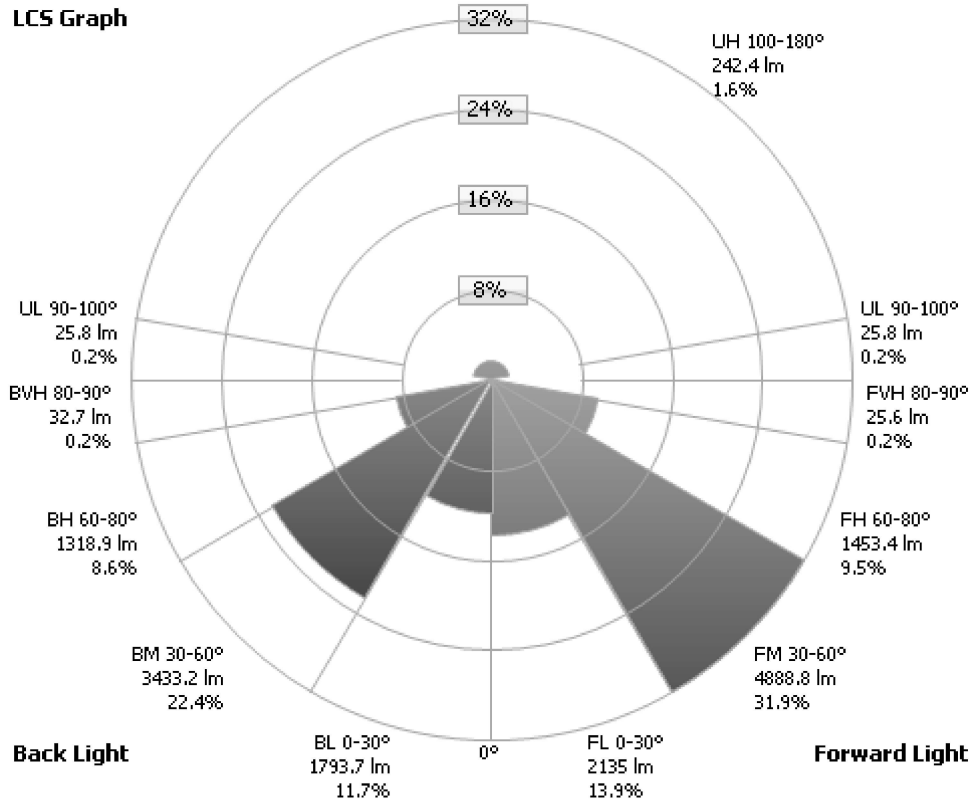
Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	475.9	3.1%	90-100	25.8	0.2%
10-20	1,360.9	8.9%	100-110	32.5	0.2%
20-30	2,091.3	13.6%	110-120	37.8	0.2%
30-40	2,645.6	17.2%	120-130	40.6	0.3%
40-50	2,961.7	19.3%	130-140	40.3	0.3%
50-60	2,715.8	17.7%	140-150	36.6	0.2%
60-70	1,867.9	12.2%	150-160	29.2	0.2%
70-80	903.5	5.9%	160-170	19.0	0.1%
80-90	58.5	0.4%	170-180	6.6	0%

LCS Table

BUG Rating	B3 - U3 - G3	
Forward Light	Lumens	Lumens %
Low(0-30):	2,135.0	13.9%
Medium(30-60):	4,888.8	31.9%
High(60-80):	1,453.4	9.5%
Very High(80-90):	25.6	0.2%
Back Light		
Low(0-30):	1,793.7	11.7%
Medium(30-60):	3,433.2	22.4%
High(60-80):	1,318.9	8.6%
Very High(80-90):	32.7	0.2%
Uplight		
Low(90-100):	25.8	0.2%
High(100-180):	242.4	1.6%
Trapped Light:	0.000	0%

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0 lm, 0%

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	5047	5052	5052	5027	5031	5038	5047	5052	5052	5027	5031	5038	5047
5	5174	5160	5110	5008	4921	4855	4835	4873	4949	5014	5095	5152	5174
10	5240	5217	5130	4955	4767	4603	4550	4631	4799	4961	5114	5212	5240
15	5249	5232	5122	4878	4608	4324	4213	4356	4631	4878	5102	5224	5249
20	5226	5208	5081	4792	4437	4031	3873	4053	4432	4781	5054	5197	5226
25	5176	5138	5000	4700	4254	3747	3539	3759	4230	4680	4969	5139	5176
30	5106	5074	4888	4611	4075	3469	3219	3473	4037	4580	4874	5073	5106
35	5002	5014	4783	4512	3892	3211	2945	3203	3838	4473	4769	4998	5002
40	4648	4898	4723	4391	3686	2952	2683	2939	3653	4356	4678	4871	4648
45	4514	4559	4733	4259	3442	2650	2430	2666	3458	4217	4667	4530	4514
50	3901	4095	4715	4165	3185	2326	1980	2370	3212	4093	4666	4179	3901
55	2342	3034	4780	4124	2920	1809	1339	1866	2907	4029	4663	3282	2342
60	414	1261	4308	4083	2578	1251	718	1272	2593	3988	4542	1540	414
65	219	339	2762	4099	2200	656	422	696	2278	3923	3368	371	219
70	130	161	1450	5485	1755	318	258	345	1736	4671	1770	179	130
75	80	93	175	2595	630	158	139	176	932	3643	340	100	80
80	36	45	85	280	114	80	80	86	122	862	105	50	36
85	17	20	32	62	56	46	45	48	58	72	40	21	17
90	14	16	21	29	32	25	19	30	32	26	21	15	14
95	15	18	24	33	32	23	19	22	31	28	23	16	15
100	17	21	28	38	35	28	23	27	35	33	26	20	17
105	19	22	31	41	40	32	28	31	40	36	29	22	19
110	22	26	34	44	43	37	33	36	45	39	33	25	22
115	26	28	37	46	47	43	39	41	47	42	36	28	26
120	29	32	40	50	51	46	43	45	51	46	40	31	29
125	33	35	44	53	54	51	48	50	54	49	42	34	33
130	36	38	47	55	57	55	53	54	56	51	45	37	36
135	39	42	50	59	60	58	56	57	59	55	49	41	39
140	42	45	53	62	62	61	60	59	64	59	52	44	42
145	46	50	55	63	64	63	63	63	66	63	54	48	46
150	50	54	59	64	67	65	66	66	68	64	57	52	50
155	53	57	60	65	68	68	69	70	70	65	59	55	53
160	58	60	64	65	69	69	71	71	70	66	61	58	58
165	62	62	66	67	70	70	72	72	71	68	63	62	62
170	64	65	67	68	69	69	72	71	71	70	66	65	64
175	67	68	68	69	70	69	72	71	71	71	68	67	67
180	69	69	69	69	69	69	71	70	70	70	69	69	69