

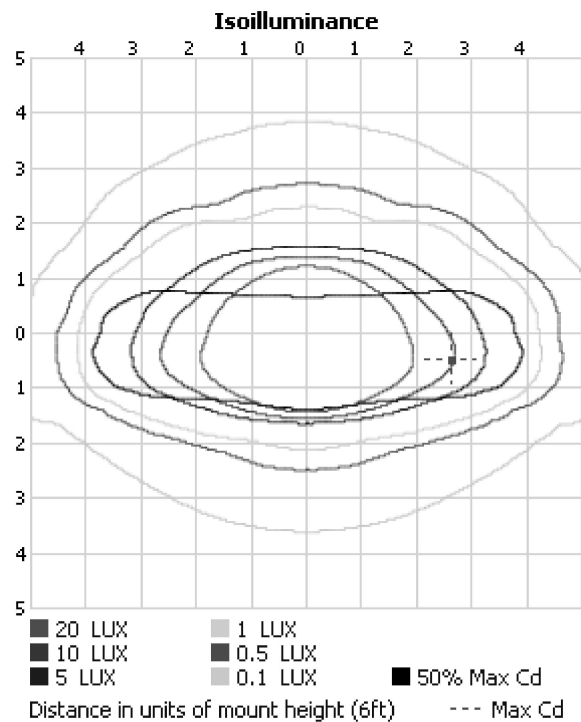
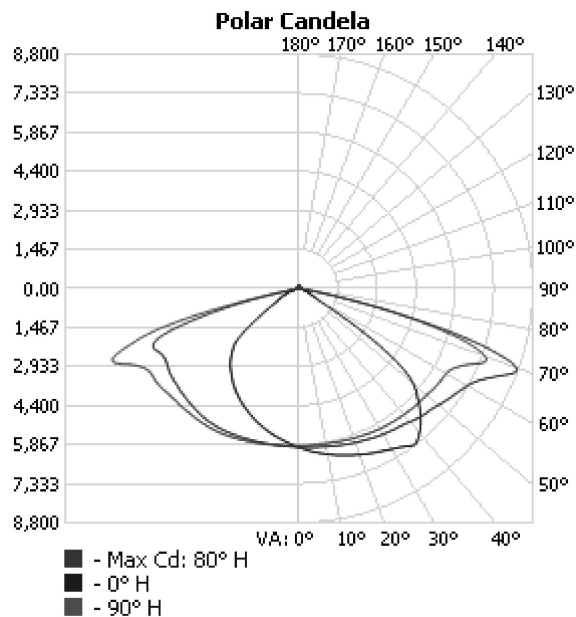
## OUTDOOR PHOTOMETRIC REPORT

CATALOG: LUMIN?RIA LED



Manufacturer: INBRAX  
Test #: Lite 118-03-2021  
Test Lab: Intertek SCS  
Catalog: LUMIN?RIA LED  
Description: IN.LUM.EFC-150W-4000K  
Lamp Output: 1 lamp, rated Lumens/lamp: 22045.6  
Input Wattage: 147.01  
Luminous Opening: Point  
Max Cd: 8,753.7 at Horizontal: 80°, Vertical: 69.5°  
CUTOFF CLASS: Cutoff  
Roadway Class: MEDIUM, TYPE II  
Efficiency: 100%

No  
Photo  
Available



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### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	5,025.3	22.8%	22.8%
0-40	8,779.9	39.8%	39.8%
0-60	17,399.3	78.9%	78.9%
60-90	4,308.3	19.5%	19.5%
70-100	1,389.9	6.3%	6.3%
90-120	118.9	0.5%	0.5%
0-90	21,707.5	98.5%	98.5%
90-180	338.4	1.5%	1.5%
0-180	22,046.0	100%	100%

### Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE II, MEDIUM	
Max Cd, 90 Deg Vert:	41.6	
Max Cd, 80 to <90 Deg:	748.1	
	Lumens	% Lamp
Downward Street Side:	12,463.3	56.5%
Downward House Side:	9,243.8	41.9%
Downward Total:	21,707.1	98.5%
Upward Street Side:	146.4	0.7%
Upward House Side:	192.0	0.9%
Upward Total:	338.3	1.5%
Total Lumens:	22,045.4	100%

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	568.0	2.6%	90-100	30.0	0.1%
10-20	1,690.7	7.7%	100-110	40.5	0.2%
20-30	2,766.6	12.5%	110-120	48.4	0.2%
30-40	3,754.6	17.0%	120-130	52.2	0.2%
40-50	4,438.1	20.1%	130-140	51.6	0.2%
50-60	4,181.2	19.0%	140-150	46.6	0.2%
60-70	2,948.4	13.4%	150-160	37.0	0.2%
70-80	1,259.4	5.7%	160-170	23.9	0.1%
80-90	100.4	0.5%	170-180	8.2	0%

### LCS Table

#### BUG Rating

#### B4 - U3 - G3

#### Forward Light

Lumens Lumens %

Low(0-30): 2,715.8 12.3%

Medium(30-60): 7,370.7 33.4%

High(60-80): 2,332.8 10.6%

Very High(80-90): 43.9 0.2%

#### Back Light

Low(0-30): 2,310.1 10.5%

Medium(30-60): 5,001.7 22.7%

High(60-80): 1,875.6 8.5%

Very High(80-90): 56.3 0.3%

#### Uplight

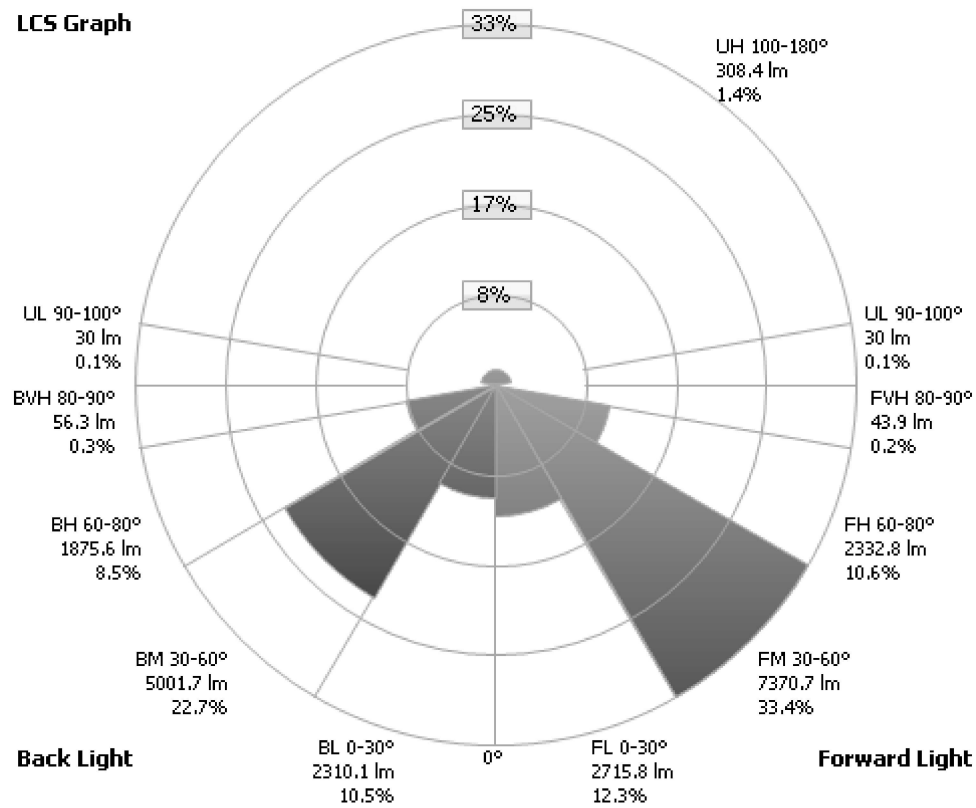
Low(90-100): 30.0 0.1%

High(100-180): 308.4 1.4%

#### Trapped Light:

0.2 0%

**LCS Graph**



**Back Light**

**Forward Light**

Scale = Max LCS %

Trapped Light: 0.2 lm, 0%

**Candela Table - Type C**

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	5966	5971	5966	5906	5926	5952	5966	5971	5966	5906	5926	5952	5966
5	6153	6128	6050	5896	5821	5780	5773	5811	5881	5915	6025	6117	6153
10	6320	6275	6149	5909	5731	5608	5577	5649	5814	5953	6144	6276	6320
15	6480	6429	6264	5940	5655	5434	5364	5486	5756	6010	6280	6435	6480
20	6638	6585	6384	5979	5596	5248	5135	5312	5705	6067	6408	6596	6638
25	6793	6755	6482	6030	5521	5044	4887	5119	5648	6133	6523	6768	6793
30	6964	6929	6594	6081	5434	4810	4621	4886	5577	6191	6651	6943	6964
35	7220	7164	6747	6119	5323	4547	4330	4621	5464	6220	6809	7185	7220
40	7045	7449	6947	6161	5164	4232	4003	4302	5299	6234	7000	7449	7045
45	6442	7007	7182	6210	4951	3853	3621	3912	5059	6260	7213	7037	6442
50	5641	6190	7522	6249	4674	3406	3099	3444	4759	6296	7545	6180	5641
55	3546	4861	7606	6332	4314	2884	1818	2898	4411	6393	7675	4890	3546
60	727	1960	6875	6394	3846	1719	955	1710	3967	6416	7012	2051	727
65	444	548	5091	6820	3341	876	667	877	3393	6803	5348	580	444
70	292	344	2212	7466	2390	512	450	512	2310	7376	2348	346	292
75	175	212	559	4575	914	301	240	298	804	4598	550	213	175
80	84	105	220	407	224	157	145	154	216	374	210	105	84
85	28	34	72	127	102	80	76	80	98	127	69	33	28
90	12	15	21	37	41	28	16	27	40	30	21	14	12
95	14	17	25	41	39	24	21	25	39	35	26	17	14
100	18	20	31	48	45	32	27	33	46	41	31	20	18
105	21	24	36	53	52	39	34	40	52	46	36	24	21
110	25	29	41	59	58	47	41	48	57	51	41	29	25
115	29	34	45	62	62	54	50	55	62	55	45	34	29
120	35	38	50	66	66	59	56	61	67	60	50	38	35
125	39	42	54	71	72	65	62	66	70	64	54	42	39
130	44	47	59	74	76	69	68	70	72	68	58	46	44
135	48	52	63	78	81	74	72	74	77	72	62	50	48
140	52	56	66	82	83	78	76	77	81	78	66	54	52
145	56	61	70	83	85	80	78	80	85	83	70	58	56
150	61	65	73	82	87	83	82	84	87	85	73	64	61
155	67	69	76	83	88	87	86	89	89	86	76	68	67
160	73	73	79	85	88	89	89	90	88	85	78	72	73
165	77	77	82	84	88	89	91	91	89	87	80	77	77
170	81	81	83	87	88	88	90	90	88	87	83	80	81
175	84	84	85	88	88	87	89	88	88	89	86	84	84
180	88	87	87	88	87	87	88	87	88	89	86	85	88