

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

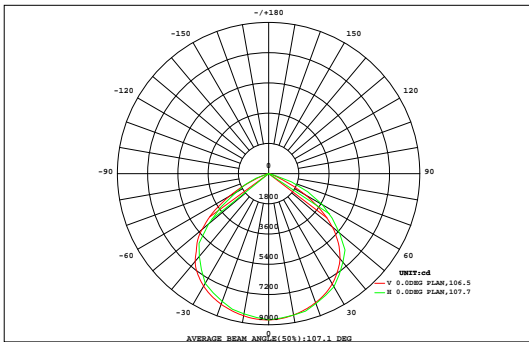
Maximum Intensity (Luminaire orientation as tested.)		404.4 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	141.9V x 133.6H 107.7V x 106.5H 53.5V x 54.6H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	997.9 lumens per klm. 980.4 lumens per klm. 810.6 lumens per klm. 254.2 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.8 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:STEVEN
Test Date:2017-08-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LED HIGH BAY Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:110.30lm/W	
MODEL	SEH-200W	I _{max} (cd)	8711
NOMINAL POWER(W)	200	AVAILABILITY(%)	98.5
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	21208
NOMINAL FLUX(lm)	21541.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	21541
TEST VOLTAGE(V)	220	θ @50%(H,V)	107,108DEG

	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a																			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
80	0.09	0.36	0.63	0.90	1.26	1.60	1.84	1.94	1.90	1.91	1.89	1.70	1.41	1.05	0.70	0.46	0.23	0.06	19.9	0.00																			
70	0.14	0.55	1.09	2.22	5.79	14.0	27.3	39.1	45.7	46.2	40.7	29.3	15.8	6.46	2.17	0.77	0.36	0.09	278	212																			
60	0.17	0.63	1.62	5.99	19.1	40.1	66.3	88.1	99.8	101	90.6	69.8	42.9	20.7	6.61	1.36	0.41	0.10	655	623																			
50	0.19	0.73	2.71	15.3	50.8	94.5	134	162	176	177	164	137	96.7	53.5	17.4	2.83	0.47	0.12	1285	1267																			
40	0.20	0.87	5.76	32.3	79.6	129	169	196	210	211	198	172	132	83.4	35.5	6.78	0.65	0.13	1662	1650																			
30	0.22	1.04	9.31	47.8	104	156	196	224	238	239	226	200	160	108	51.4	11.0	0.85	0.13	1972	1962																			
	0.22	1.26	13.9	60.2	119	170	210	238	252	253	239	213	174	121	63.1	15.7	1.12	0.14	2145	2137																			
	0.23	1.36	15.8	64.6	124	175	215	243	259	259	245	219	180	128	68.3	18.2	1.30	0.14	2217	2210																			
	0.23	1.41	16.7	66.6	126	177	217	245	261	262	247	221	182	130	70.6	19.4	1.38	0.14	2246	2238																			
	0.22	1.35	15.5	63.5	122	173	213	240	255	256	242	216	177	125	66.8	17.6	1.24	0.15	2187	2179																			
-30	0.21	1.13	11.4	52.9	109	160	200	227	241	242	229	203	165	113	57.0	13.6	1.03	0.15	2026	2017																			
-40	0.20	0.92	7.45	40.2	91.7	142	182	208	222	223	211	186	146	96.6	44.6	9.27	0.82	0.15	1811	1801																			
-50	0.19	0.75	3.85	23.4	66.3	113	153	180	193	194	182	157	117	70.4	26.6	4.31	0.61	0.14	1487	1473																			
-60	0.17	0.66	2.19	11.0	33.6	67.4	100	125	138	139	128	104	71.1	36.7	12.5	2.27	0.54	0.13	972	950																			
-70	0.15	0.58	1.03	2.44	9.44	28.5	50.1	68.4	78.1	78.7	70.6	52.8	31.0	11.2	2.67	0.87	0.47	0.12	487	453																			
-80	0.12	0.50	0.88	1.35	2.55	5.20	8.61	11.8	13.6	13.7	12.2	9.10	5.48	2.60	1.21	0.76	0.42	0.11	90.3	34.7																			
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90																						
Φ t	2.95	14.1	110	491	1063	1646	2144	2498	2685	2696	2529	2192	1698	1108	527	125	11.9	2.02	21541	---																			
Φ a	0.00	0.00	68.1	463	1038	1618	2129	2487	2676	2688	2518	2178	1673	1082	502	87.7	0.00	0.00	---	21208																			

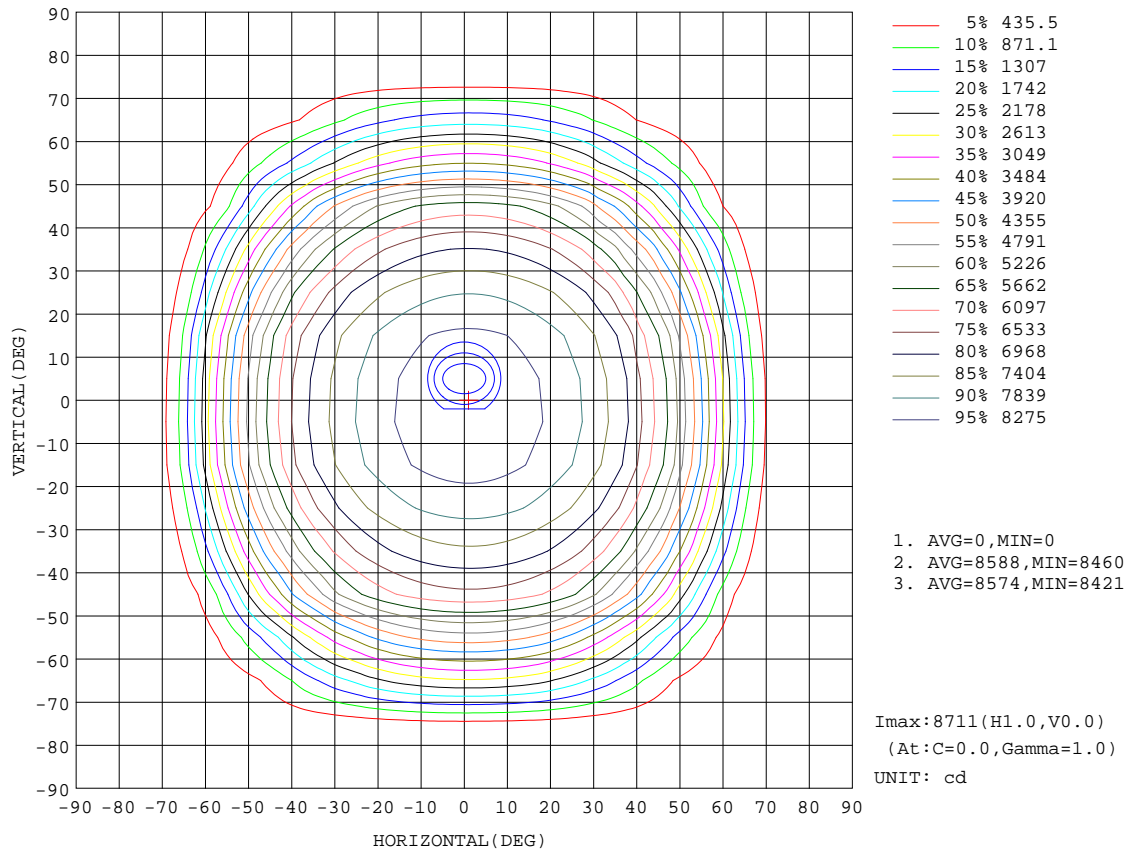
one-half-peak spread: U:56.7,D:51.5 , L:54.0,R:53.0 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:STEVEN
 Test Date:2017-08-16

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:6.900m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: LED HIGH BAY Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

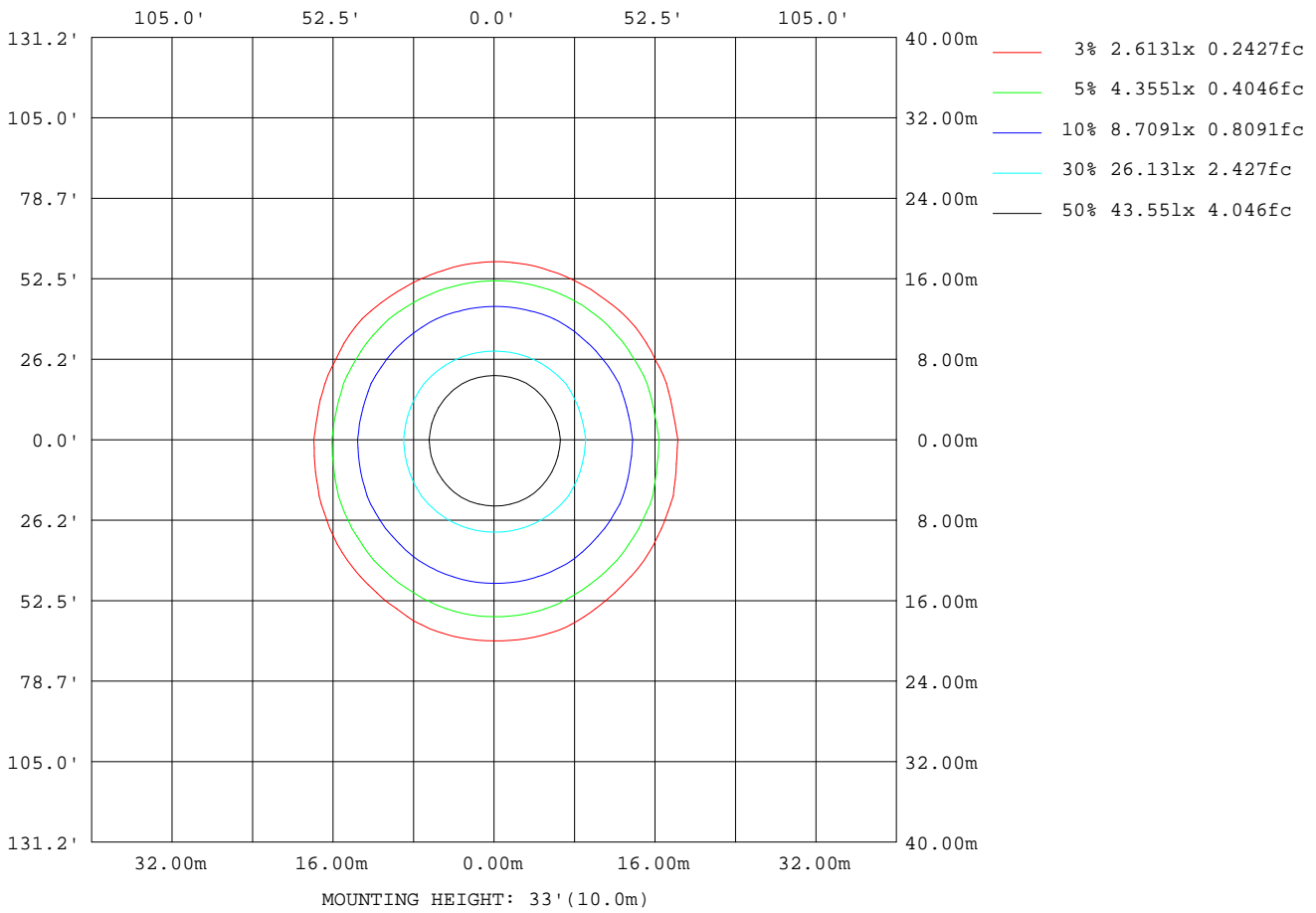


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 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
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 Test Distance:6.900m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

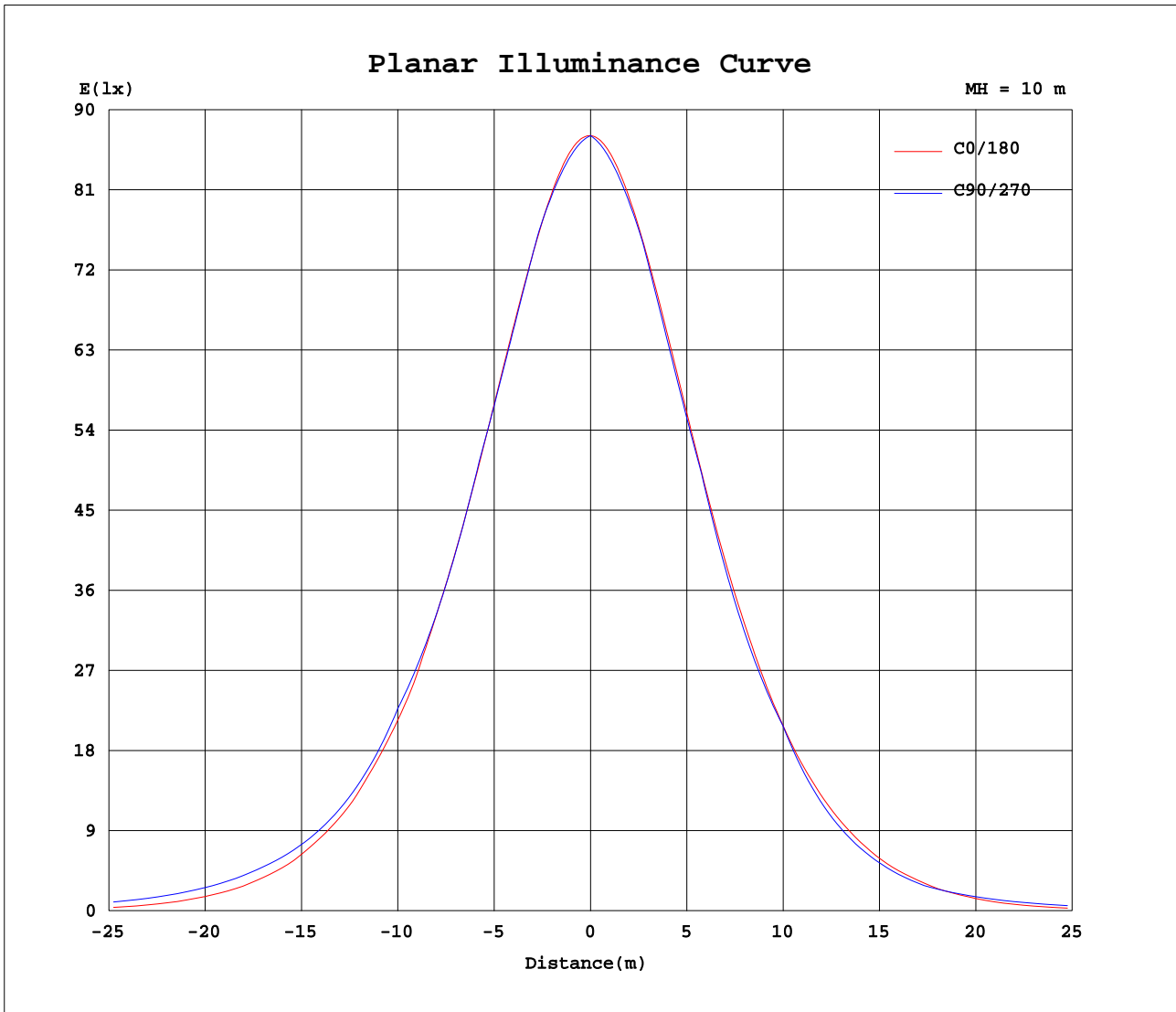
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 Remarks:

Planar Illuminance Curve

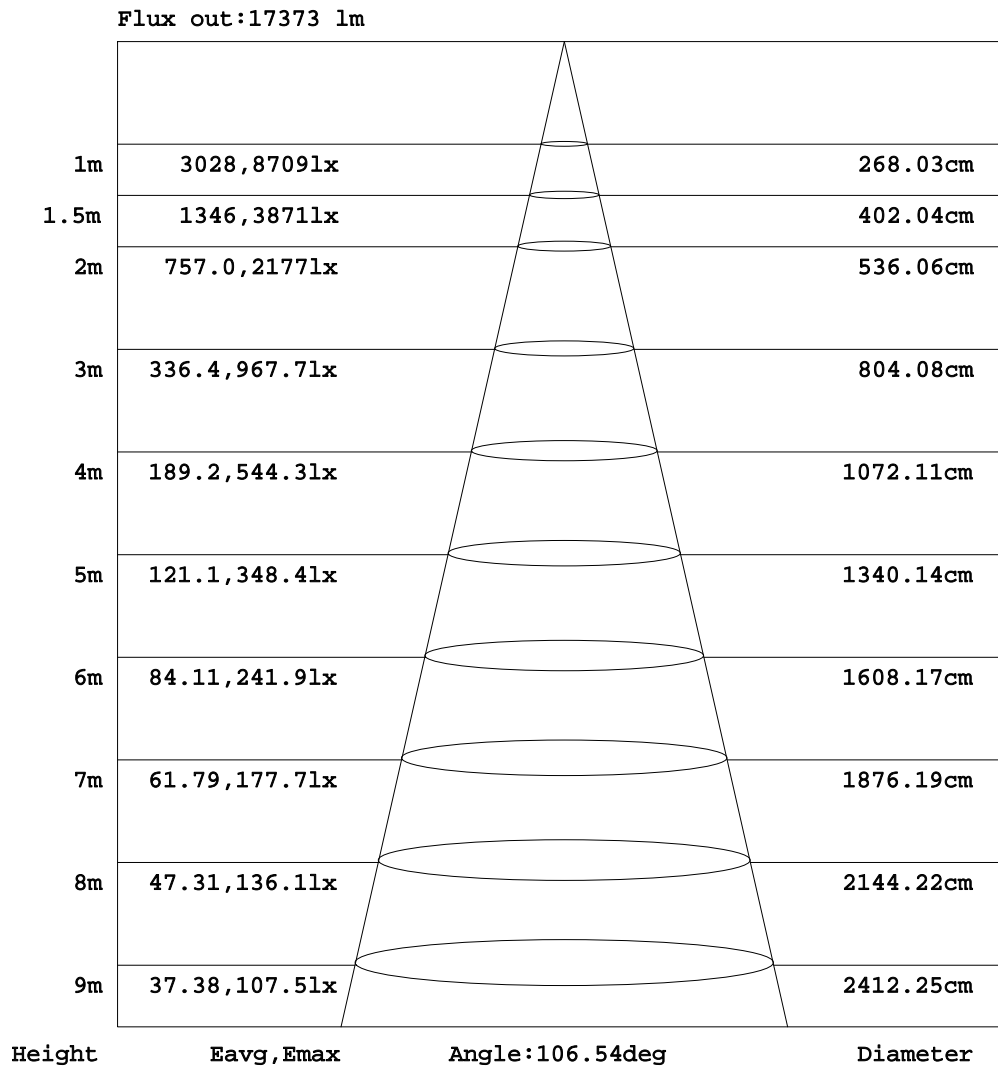


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:STEVEN
Test Date:2017-08-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

AAI Figure

NAME: LED HIGH BAY Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:STEVEN
 Test Date:2017-08-16

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:6.900m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED HIGH BAY Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1 UNIT: cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	43.5	45.3	50.4	63.1	70.3	67.6	68.5	76.2	86.7	97.5	109	125	150	186	226	260	289	308	312
-70	45.1	47.5	57.3	68.5	74.8	78.8	93.3	137	206	319	489	678	858	1014	1170	1287	1369	1421	1439
-65	46.7	49.8	64.2	73.8	79.3	90.0	118	197	326	540	870	1231	1566	1841	2113	2314	2449	2534	2567
-60	48.3	52.0	71.2	79.2	83.8	101	143	257	445	761	1250	1784	2273	2668	3057	3341	3529	3647	3695
-55	50.3	55.2	73.7	82.7	98.0	154	288	595	1029	1531	2127	2696	3230	3637	4006	4269	4448	4560	4605
-50	52.3	58.4	76.3	86.2	112	207	434	934	1613	2300	3005	3608	4188	4605	4954	5197	5368	5472	5515
-45	54.3	61.5	78.8	89.6	126	261	579	1272	2197	3069	3882	4520	5145	5574	5903	6126	6287	6384	6426
-40	56.5	63.9	81.4	97.3	159	370	891	1745	2736	3641	4427	5073	5644	6056	6366	6582	6739	6834	6876
-35	58.6	66.2	83.9	105	192	480	1203	2218	3275	4212	4973	5626	6144	6538	6829	7039	7191	7284	7325
-30	60.8	68.5	86.5	113	225	590	1515	2691	3814	4783	5518	6180	6644	7020	7292	7496	7643	7735	7775
-25	62.2	71.6	89.0	120	265	742	1778	2996	4123	5075	5813	6438	6893	7258	7525	7727	7874	7967	8007
-20	63.7	74.7	91.4	127	306	895	2041	3301	4433	5367	6108	6696	7142	7495	7758	7959	8105	8199	8239
-15	65.2	77.8	93.9	135	346	1047	2303	3606	4743	5659	6403	6954	7391	7733	7991	8190	8336	8431	8471
-10	65.2	80.1	94.5	136	354	1082	2367	3673	4814	5731	6472	7015	7453	7792	8051	8253	8405	8507	8551
-5	65.3	82.4	95.1	138	362	1117	2430	3740	4885	5804	6541	7076	7514	7852	8112	8317	8474	8583	8630
0	65.3	84.7	95.7	140	370	1152	2494	3807	4956	5876	6611	7137	7576	7912	8173	8380	8542	8658	8709
5	64.7	84.3	94.9	137	348	1079	2369	3671	4829	5752	6501	7033	7479	7818	8080	8284	8440	8547	8593
10	64.0	83.9	94.0	134	326	1006	2244	3534	4702	5629	6392	6929	7382	7725	7986	8188	8338	8436	8477
15	63.4	83.4	93.2	131	304	932	2120	3398	4575	5505	6283	6825	7286	7631	7893	8092	8235	8325	8361
20	61.9	80.2	91.0	124	265	775	1818	3032	4177	5124	5926	6501	6975	7341	7612	7816	7962	8054	8091
25	60.5	77.0	88.8	117	225	618	1517	2667	3778	4743	5568	6177	6664	7051	7331	7540	7689	7783	7820
30	59.0	73.8	86.6	111	186	460	1215	2301	3380	4362	5211	5854	6352	6761	7050	7263	7416	7511	7550
35	57.2	69.9	84.6	103	162	370	934	1798	2764	3688	4509	5171	5696	6130	6450	6681	6845	6946	6987
40	55.3	66.1	82.5	95.9	138	279	653	1294	2147	3014	3807	4489	5040	5499	5851	6099	6275	6381	6424
45	53.5	62.2	80.5	88.4	114	188	372	791	1531	2340	3104	3807	4384	4868	5252	5516	5705	5817	5861
50	51.2	58.3	77.4	83.2	102	156	284	575	1099	1676	2246	2800	3293	3726	4077	4332	4511	4620	4664
55	48.8	54.4	74.3	78.1	90.6	125	196	359	667	1012	1387	1792	2202	2584	2903	3148	3318	3424	3468
60	46.5	50.5	71.2	72.9	78.8	93.9	108	144	236	348	529	785	1112	1442	1729	1964	2125	2228	2272
65	44.4	47.5	63.9	68.9	74.5	84.3	93.5	119	181	258	380	552	770	991	1182	1339	1445	1513	1542
70	42.3	44.4	56.6	64.8	70.1	74.7	79.2	93.8	127	168	231	319	429	540	636	713	766	798	812
75	40.2	41.4	49.2	60.8	65.7	65.1	64.9	69.0	72.7	78.2	82.8	85.6	87.4	88.9	89.3	88.0	86.0	83.4	82.6
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
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Operators:STEVEN
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V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED HIGH BAY Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

H(DEC) \ V(DEC)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-75	308	297	273	243	203	158	125	102	87.7	76.9	67.0	60.9	58.3	58.6	51.8	45.1	41.7	39.8	
-70	1430	1394	1326	1220	1073	901	723	536	355	222	141	92.0	67.9	61.9	55.4	49.6	42.5	40.2	
-65	2553	2491	2380	2197	1943	1644	1322	969	622	366	216	123	77.6	65.2	59.1	54.2	43.2	40.7	
-60	3676	3588	3434	3174	2813	2387	1921	1403	889	511	290	154	87.3	68.5	62.7	58.8	44.0	41.2	
-55	4588	4505	4359	4120	3784	3353	2847	2292	1678	1126	685	337	153	84.3	65.1	60.0	45.1	41.7	
-50	5501	5423	5285	5066	4755	4318	3773	3180	2467	1742	1080	520	219	100	67.6	61.2	46.2	42.2	
-45	6413	6341	6210	6013	5727	5283	4700	4068	3256	2357	1474	703	285	116	70.0	62.4	47.2	42.8	
-40	6863	6794	6667	6475	6204	5798	5255	4614	3845	2921	1957	1063	445	160	76.1	61.8	48.6	43.3	
-35	7313	7246	7123	6938	6682	6312	5810	5160	4433	3485	2439	1424	605	204	82.1	61.1	50.0	43.8	
-30	7763	7699	7579	7401	7159	6827	6366	5706	5022	4050	2921	1785	765	248	88.1	60.5	51.4	44.4	
-25	7993	7926	7804	7626	7387	7062	6620	5989	5292	4338	3226	2027	923	293	95.3	60.2	52.1	44.3	
-20	8222	8152	8028	7851	7614	7297	6873	6272	5563	4626	3531	2270	1080	339	103	59.9	52.8	44.3	
-15	8452	8378	8252	8075	7841	7532	7127	6555	5833	4915	3836	2513	1238	384	110	59.5	53.4	44.3	
-10	8530	8450	8318	8140	7907	7600	7199	6642	5909	5008	3916	2590	1287	402	113	59.3	53.6	43.9	
-5	8608	8521	8384	8206	7973	7667	7271	6728	5985	5102	3996	2668	1337	421	117	59.1	53.7	43.5	
0	8685	8592	8450	8271	8040	7735	7342	6815	6060	5196	4076	2746	1386	439	120	59.0	53.9	43.1	
5	8571	8486	8351	8173	7941	7631	7230	6658	5931	5037	3907	2592	1288	404	113	57.8	52.7	42.4	
10	8457	8380	8251	8075	7842	7528	7117	6501	5801	4878	3738	2438	1189	369	106	56.7	51.5	41.8	
15	8343	8274	8152	7977	7743	7424	7004	6344	5671	4719	3570	2284	1091	334	98.3	55.6	50.3	41.1	
20	8074	8006	7883	7705	7461	7127	6686	6008	5303	4351	3218	1998	916	289	89.4	54.5	48.7	40.4	
25	7805	7738	7614	7432	7179	6829	6367	5671	4935	3984	2867	1711	740	244	80.6	53.4	47.1	39.8	
30	7536	7471	7346	7160	6897	6531	6048	5335	4567	3616	2515	1425	565	199	71.7	52.3	45.5	39.1	
35	6971	6897	6761	6555	6261	5847	5329	4626	3863	2969	1986	1095	440	160	66.1	51.8	42.9	38.2	
40	6405	6324	6176	5951	5625	5164	4611	3916	3160	2323	1456	765	315	122	60.5	51.2	40.3	37.3	
45	5839	5751	5591	5347	4989	4480	3892	3207	2456	1677	927	435	190	83.5	54.9	50.6	37.7	36.4	
50	4645	4561	4408	4176	3842	3400	2892	2341	1771	1205	667	319	148	72.9	52.5	48.6	36.2	35.7	
55	3450	3370	3225	3005	2696	2321	1892	1475	1086	733	407	203	105	62.2	50.1	46.5	34.7	34.9	
60	2256	2180	2042	1834	1549	1241	892	610	401	261	147	87.3	62.7	51.6	47.6	44.4	33.1	34.2	
65	1532	1482	1390	1251	1060	854	620	430	289	193	116	74.8	57.7	49.6	44.5	40.7	32.8	33.9	
70	808	784	738	668	571	467	348	251	177	125	84.5	62.3	52.8	47.7	41.4	37.0	32.4	33.5	
75	83.9	85.7	85.9	84.7	82.1	79.2	75.6	71.0	65.1	57.8	53.5	49.8	47.9	45.8	38.3	33.3	32.0	33.2	
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:STEVEN
Test Date:2017-08-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:6.900m [K=1.0000]
Remarks: