

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	608.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	115.4V x 107.5H
	At 50% of Imax	79.5V x 81.7H
	At 90% of Imax	41.5V x 48.9H

Beam Flux	Total	999.2 lumens per klm.
	To 10% of Imax	939.4 lumens per klm.
	To 50% of Imax	727.1 lumens per klm.
	To 90% of Imax	293.5 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

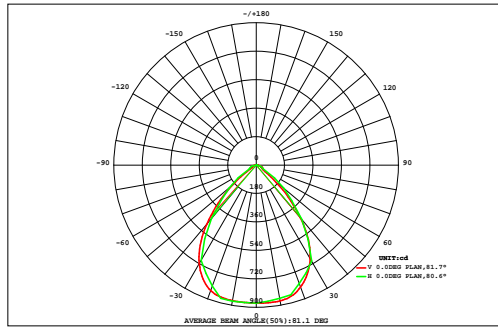
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=0.9789]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:2.100V I:0A P:0W PF:0 Lamp Flux:1435.67x1 lm		
NAME: 30W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL		Imax(cd)	874.0
NOMINAL POWER(W)	0	AVAILABILITY(%)	94.1
RATED VOLTAGE(V)	2	Avai. FLUX(lm)	1351
NOMINAL FLUX(lm)	1435.67	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1436
TEST VOLTAGE(V)	2.3	θ @50%(H,V)	82,80DEG

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
80	0.01	0.03	0.06	0.10	0.16	0.27	0.37	0.47	0.52	0.56	0.51	0.42	0.33	0.24	0.15	0.08	0.04	0.01	4.33	0.00			
70	0.01	0.05	0.14	0.29	0.49	0.73	0.96	1.17	1.30	1.30	1.21	1.00	0.79	0.56	0.36	0.19	0.07	0.01	10.6	0.00			
60	0.01	0.06	0.21	0.43	0.74	1.19	2.02	2.96	3.58	3.67	3.21	2.30	1.39	0.81	0.51	0.27	0.09	0.01	23.5	12.9			
50	0.01	0.08	0.29	0.56	0.97	1.98	4.50	7.44	9.35	9.55	7.94	5.07	2.32	1.05	0.63	0.35	0.12	0.02	52.2	46.2			
40	0.01	0.10	0.35	0.69	1.91	5.58	10.5	14.7	17.1	17.1	15.0	11.2	6.46	2.51	0.79	0.41	0.15	0.02	105	101			
30	0.01	0.12	0.40	0.83	3.31	9.26	15.8	20.8	23.1	23.0	20.8	16.4	10.2	4.02	1.03	0.46	0.17	0.02	150	146			
	0.01	0.14	0.42	1.09	5.31	12.7	19.7	24.2	25.7	25.5	23.8	19.7	13.4	6.01	1.36	0.49	0.19	0.02	180	177			
	0.01	0.14	0.43	1.27	6.13	13.9	20.8	24.9	26.2	26.1	24.8	20.9	14.5	6.81	1.59	0.51	0.19	0.02	189	187			
	0.01	0.14	0.42	1.36	6.37	14.2	21.0	25.0	26.4	26.5	25.2	21.2	14.8	6.99	1.61	0.51	0.19	0.02	192	190			
	0.01	0.13	0.40	1.24	5.51	12.9	19.7	24.2	26.3	26.3	24.3	19.9	13.3	5.85	1.34	0.48	0.17	0.01	182	179			
	0.01	0.11	0.37	0.99	3.73	9.41	15.6	20.3	22.6	22.7	20.5	16.0	9.82	3.93	1.02	0.45	0.16	0.01	148	145			
-30	0.01	0.09	0.33	0.71	2.17	5.95	10.9	15.1	17.4	17.5	15.3	11.3	6.22	2.27	0.80	0.41	0.13	0.01	107	103			
-40	0.01	0.07	0.28	0.59	1.17	2.41	4.85	7.45	9.18	9.26	7.65	4.99	2.38	1.03	0.66	0.35	0.11	0.01	52.4	47.2			
-50	0.01	0.05	0.20	0.43	0.77	1.45	2.51	3.54	4.18	4.16	3.49	2.46	1.46	0.87	0.53	0.27	0.07	0.01	26.5	17.0			
-60	0.01	0.03	0.12	0.28	0.50	0.72	0.79	0.81	0.86	0.89	0.84	0.79	0.76	0.59	0.37	0.18	0.05	0.01	8.59	0.00			
-70	0.01	0.02	0.06	0.13	0.24	0.37	0.53	0.68	0.81	0.83	0.71	0.60	0.43	0.29	0.17	0.07	0.03	0.01	6.00	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	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	0.00			
	Φ t	0.15	1.37	4.47	11.0	39.5	92.9	151	194	215	215	195	154	98.5	43.8	12.9	5.48	1.93	0.21	1436	---		
	Φ a	0.00	0.00	0.00	2.97	33.0	87.1	146	189	210	210	191	150	91.9	36.9	4.01	0.00	0.00	0.00	---	1351		

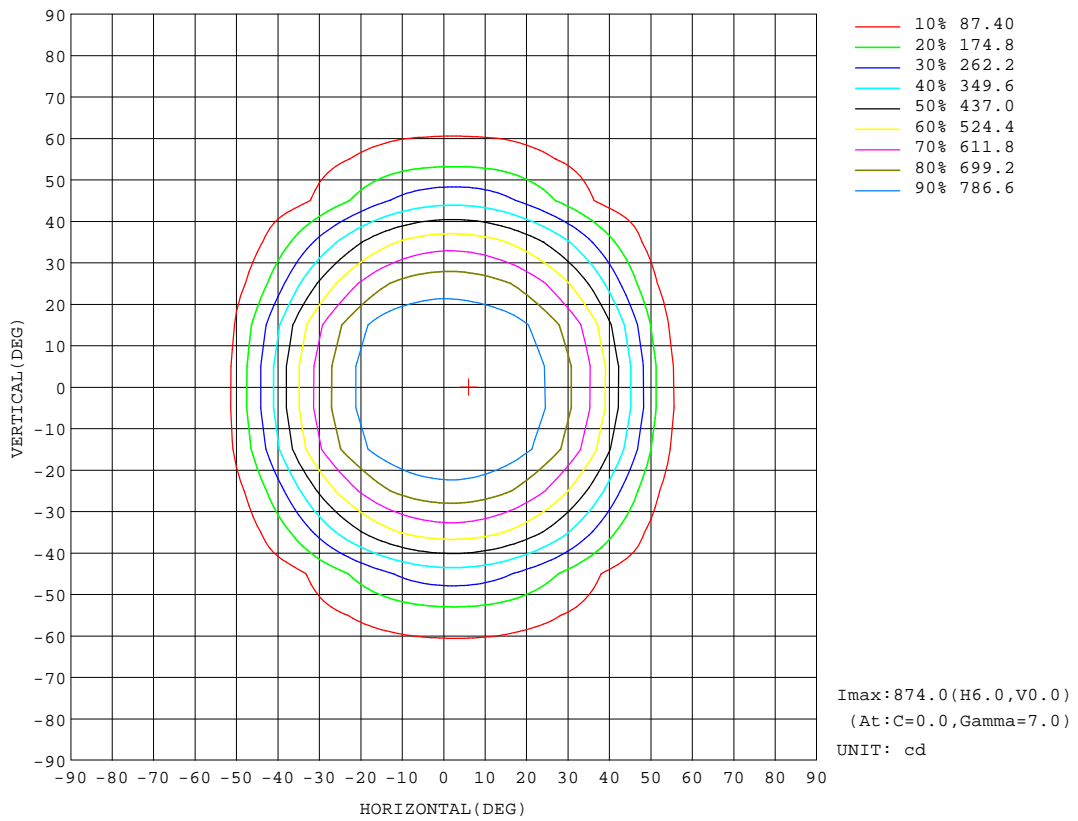
one-half-peak spread: U:39.8,D:40.1 , L:47.8,R:34.1 NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=0.9789]
Remarks:

ISOCANDELA DIAGRAM

Test:U:2.100V I:0A P:0W PF:0 Lamp Flux:1435.67x1 lm		
NAME: 30W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

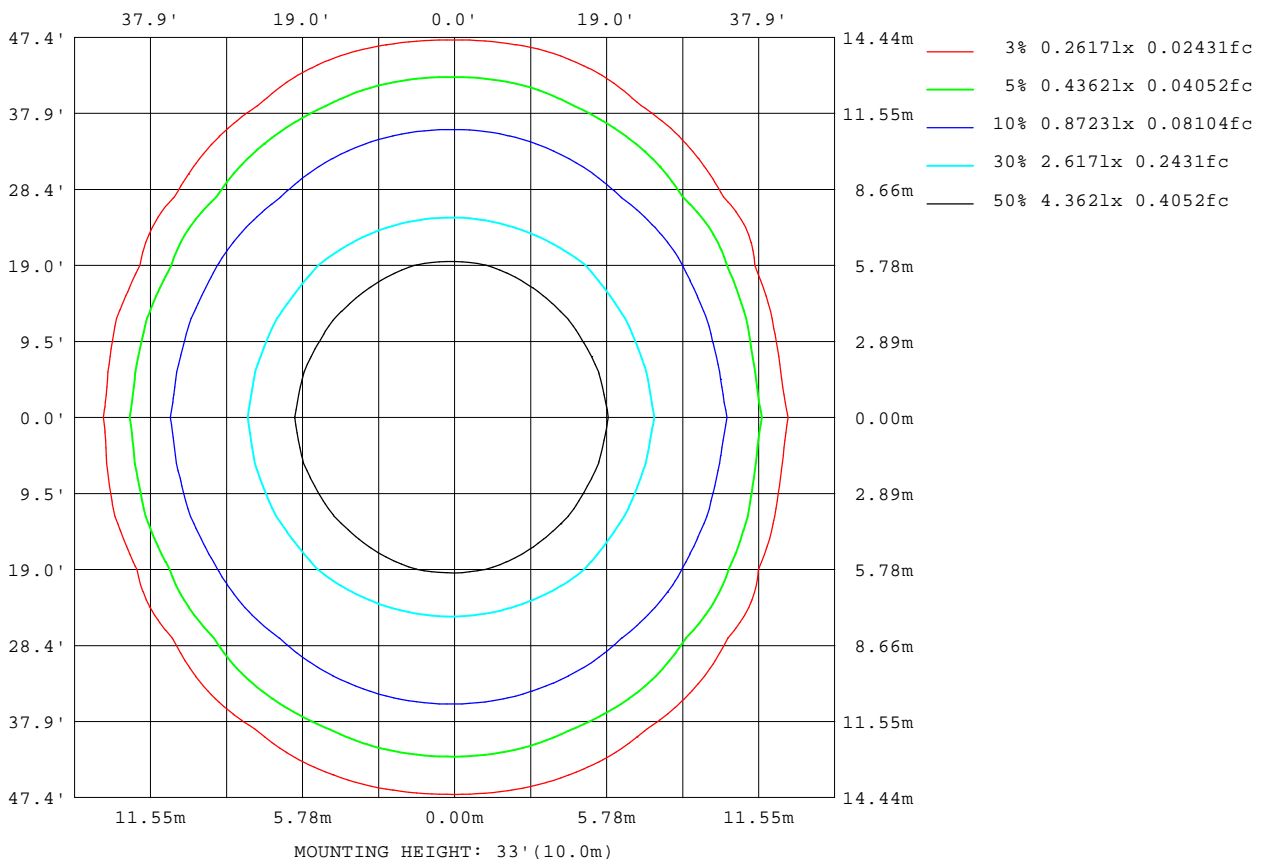


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=0.9789]
Remarks:

ISOLUX DIAGRAM

Test:U:2.100V I:0A P:0W PF:0 Lamp Flux:1435.67x1 lm		
NAME: 30W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



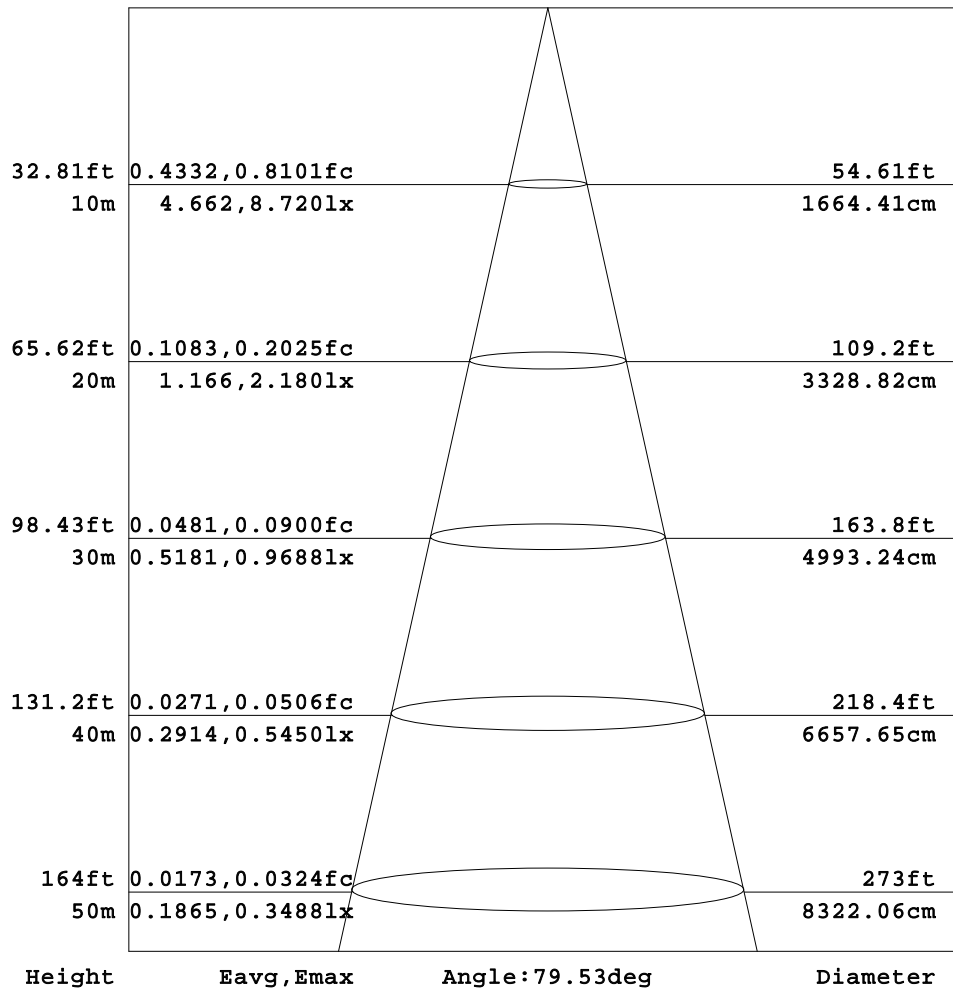
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-09-18

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:9.500m [K=0.9789]
 Remarks:

AAI Figure

Test:U:2.100V I:0A P:0W PF:0 Lamp Flux:1435.67x1 lm		
NAME: 30W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Flux out:1031 lm

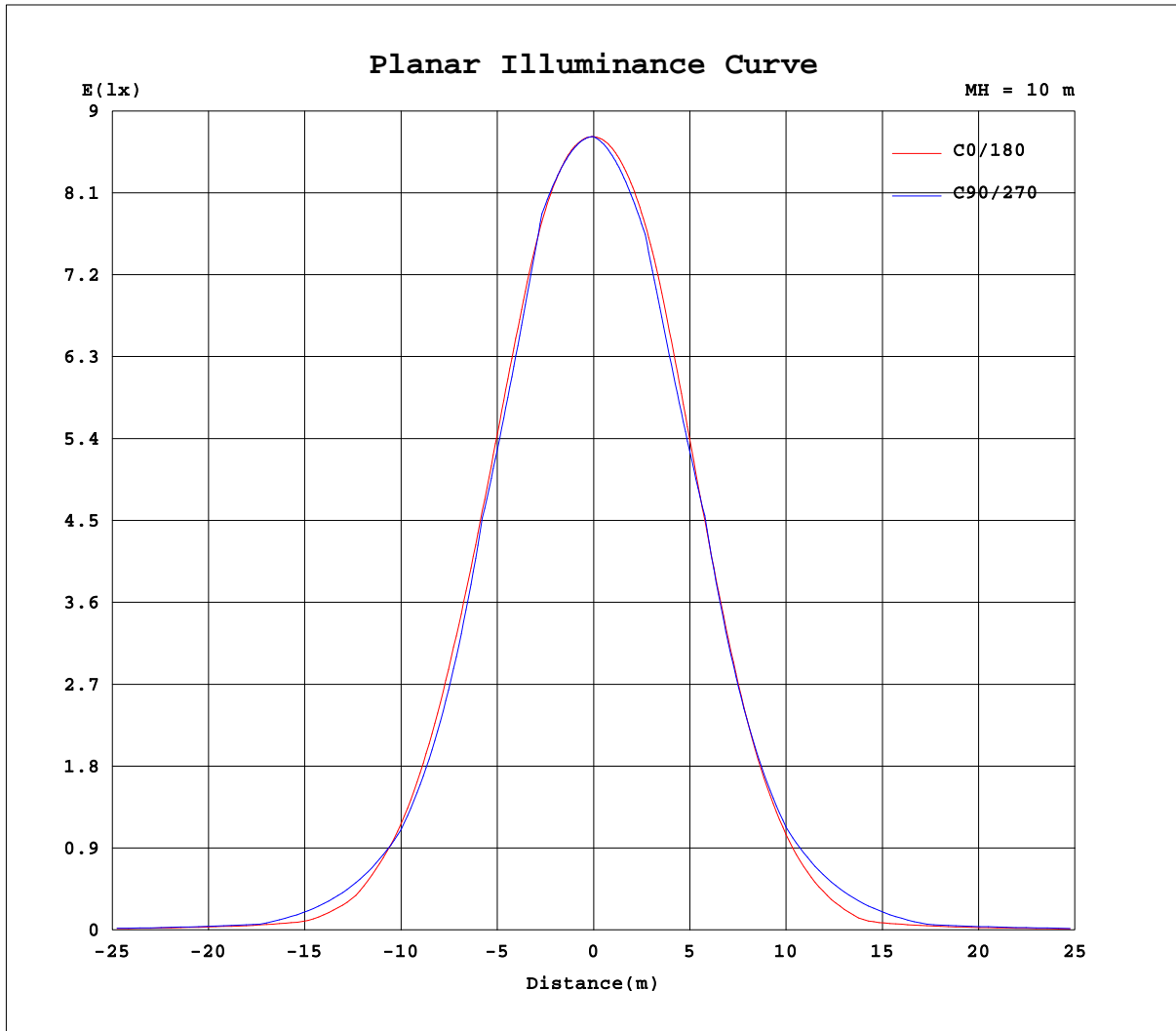


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-09-18

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 9.500m [K=0.9789]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
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Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=0.9789]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:2.100V I:0A P:0W PF:0 Lamp Flux:1435.67x1 lm		
NAME:30W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION 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	1.67	1.91	2.22	2.72	3.21	3.73	4.81	6.51	8.43	10.4	12.3	14.0	16.4	18.7	20.2	22.8	24.2	26.1	28.6
-70	1.83	2.25	2.81	3.67	5.17	7.17	9.64	12.1	14.8	17.9	20.7	23.4	26.0	28.2	30.2	32.6	34.3	36.5	37.3
-65	1.67	2.07	2.68	3.43	5.16	8.10	11.5	14.8	17.9	21.5	25.7	29.4	32.6	35.2	37.5	39.9	42.4	44.2	45.6
-60	1.97	2.58	3.42	4.98	8.49	13.0	17.3	21.0	25.3	30.3	35.6	39.4	42.4	45.1	47.7	50.1	52.8	53.9	54.4
-55	1.62	2.14	3.00	4.63	8.17	13.7	18.3	22.9	27.7	33.0	39.6	49.7	65.3	81.8	98.1	113	127	136	140
-50	1.88	2.68	4.16	8.07	14.3	20.2	24.8	30.3	36.5	43.3	54.2	78.0	108	138	167	193	213	224	227
-45	1.53	2.10	3.17	6.30	12.3	20.5	25.1	30.9	37.7	45.0	53.9	74.7	115	158	202	242	277	300	312
-40	1.77	2.71	5.10	11.1	18.9	25.6	31.2	38.7	51.8	80.4	120	176	238	296	348	390	420	437	441
-35	1.46	2.00	3.31	8.04	16.0	23.4	29.8	36.9	46.8	79.1	135	206	288	366	434	489	530	556	568
-30	1.65	2.67	6.24	14.0	22.4	29.2	36.5	46.0	71.3	142	232	333	433	520	590	641	675	693	697
-25	1.40	1.86	3.51	9.77	19.3	26.2	33.3	42.5	68.3	134	230	341	450	545	622	681	721	745	755
-20	1.47	2.54	7.38	17.0	24.9	31.6	40.0	62.9	132	238	360	481	585	667	729	772	799	812	814
-15	1.33	1.69	3.79	11.5	22.2	28.9	35.5	47.6	102	210	341	479	600	697	767	817	849	866	873
-10	1.47	2.56	8.15	19.6	26.9	33.3	42.0	73.7	175	305	444	576	681	759	814	847	864	871	873
-5	1.44	1.87	3.98	13.4	24.0	30.4	36.4	47.6	117	240	380	522	642	735	801	842	861	869	872
0	1.66	2.73	8.56	21.7	28.3	34.4	42.7	78.5	200	341	486	619	721	796	844	864	870	872	872
5	1.76	2.18	4.27	13.9	24.6	31.0	36.9	47.2	116	239	379	520	641	734	801	842	859	863	864
10	2.11	3.17	8.70	20.9	28.1	34.3	42.3	67.8	174	304	442	573	678	758	815	844	854	857	855
15	2.29	2.64	4.66	13.0	24.1	30.6	36.8	46.4	97.4	207	338	475	595	692	767	817	841	848	850
20	2.65	3.64	8.32	18.7	26.8	33.3	40.4	56.7	129	236	357	478	581	665	730	771	790	799	798
25	2.81	3.21	4.76	11.0	21.0	28.1	35.0	41.5	66.0	129	227	340	448	541	621	681	720	742	750
30	3.27	4.12	7.40	15.2	24.5	31.3	36.8	45.2	67.0	136	231	334	430	518	589	643	679	697	700
35	3.36	3.71	4.86	9.19	17.6	25.2	31.1	36.2	45.6	73.9	131	205	285	362	432	491	534	561	573
40	3.74	4.38	6.59	12.3	21.0	26.3	31.1	37.5	49.0	77.1	117	170	232	293	349	394	426	443	447
45	3.94	4.14	4.97	7.70	13.7	21.8	25.0	30.4	36.1	42.5	51.7	68.1	106	153	201	246	283	307	320
50	4.22	4.66	5.97	9.57	16.2	20.6	24.9	29.8	35.2	41.6	51.2	71.7	103	136	168	196	217	228	231
55	4.34	4.56	5.06	6.50	9.88	15.1	18.8	23.4	27.6	32.4	38.4	46.8	61.7	79.4	97.1	114	129	137	141
60	4.68	4.95	5.55	6.86	10.2	14.2	18.4	22.2	25.7	30.0	34.6	37.9	41.5	44.3	46.8	50.6	52.4	52.5	52.3
65	4.68	4.85	5.11	5.71	7.21	9.83	12.7	15.7	18.5	21.6	25.3	28.9	31.6	34.4	36.8	39.1	42.1	42.5	43.5
70	4.88	5.03	5.33	5.97	7.31	8.88	10.9	12.9	14.9	17.5	20.5	22.9	25.3	27.3	29.3	31.5	32.4	33.2	34.7
75	4.99	5.00	5.12	5.34	5.66	5.99	6.53	7.63	8.70	9.92	12.2	14.3	15.9	17.9	19.6	21.2	22.4	22.4	25.8
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
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=0.9789]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:2.100V I:0A P:0W PF:0 Lamp Flux:1435.67x1 lm		
NAME: 30W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(DEG) V(DEG)	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	28.1	25.8	24.8	23.3	22.3	20.8	18.0	15.7	14.3	12.4	10.6	8.54	6.57	4.67	3.72	3.11	2.45	2.10
-70	36.0	34.7	33.1	31.4	30.1	27.6	24.9	22.5	19.9	17.2	14.6	11.8	8.91	6.15	4.19	2.93	2.30	1.86
-65	45.8	45.1	43.5	41.1	39.7	37.6	34.8	32.2	28.8	25.1	21.7	18.5	14.9	10.8	6.88	4.06	2.86	2.15
-60	54.9	54.0	50.9	49.1	47.0	44.3	41.7	37.9	33.2	28.9	24.9	20.6	16.1	10.4	5.86	3.49	2.39	1.87
-55	140	136	126	113	98.0	82.0	65.6	52.1	42.6	36.7	31.5	27.1	22.3	16.9	10.6	5.62	3.20	2.19
-50	221	207	185	159	130	99.7	72.4	53.5	44.6	38.1	32.7	27.3	22.6	15.5	8.90	4.16	2.51	1.87
-45	311	298	272	237	197	154	110	75.1	55.7	47.3	40.1	34.3	28.8	23.1	14.8	7.80	3.48	2.21
-40	431	409	375	330	277	216	158	108	71.4	49.4	39.8	33.0	27.5	20.2	11.9	5.10	2.54	1.77
-35	566	551	521	479	423	353	274	197	128	74.0	49.5	39.8	33.1	26.7	19.0	10.1	3.74	2.03
-30	686	660	620	563	487	395	297	200	114	62.8	46.4	37.9	30.8	24.5	14.7	6.29	2.48	1.59
-25	753	738	710	666	605	525	427	319	213	117	63.7	44.5	36.4	29.6	22.5	11.8	3.95	1.90
-20	806	786	751	700	631	540	430	308	191	95.1	52.9	40.6	33.6	27.1	16.8	6.92	2.40	1.52
-15	871	861	838	799	745	669	569	443	309	176	82.8	48.4	38.7	32.0	25.3	13.1	4.12	1.80
-10	869	856	830	786	722	636	523	387	249	122	56.9	42.6	35.8	29.3	19.0	7.58	2.42	1.59
-5	872	869	858	830	782	712	618	496	354	212	97.5	49.8	40.1	33.8	27.2	14.8	4.54	1.91
0	874	871	858	821	763	683	575	437	288	143	58.4	43.9	37.4	30.9	21.4	8.27	2.56	1.81
5	863	862	854	828	779	712	620	498	354	211	95.0	49.5	40.4	34.2	27.7	15.2	4.83	2.24
10	852	845	824	781	719	637	526	390	248	119	53.9	42.8	36.5	30.3	20.1	8.08	3.03	2.26
15	845	838	825	791	737	668	573	449	310	172	75.5	47.3	39.4	33.1	26.9	14.3	4.97	2.77
20	790	775	746	696	630	544	435	310	187	90.2	49.1	41.0	34.6	28.6	18.3	7.87	3.52	2.82
25	746	732	707	665	606	529	433	323	210	110	58.2	43.3	37.2	30.7	24.1	12.9	5.10	3.35
30	688	662	622	567	494	403	302	198	105	55.7	44.1	38.4	31.8	25.8	16.0	7.63	4.02	3.48
35	571	555	525	481	425	355	275	194	123	66.9	45.4	38.2	33.2	27.9	20.6	11.3	5.19	3.92
40	438	415	379	331	274	212	150	101	65.4	44.7	37.4	32.0	28.1	21.9	13.2	6.56	4.47	4.01
45	319	306	279	240	193	145	98.2	63.3	49.7	42.6	37.1	32.1	27.6	24.7	16.4	9.24	5.25	4.47
50	226	212	188	157	124	91.3	62.3	47.0	40.5	35.1	30.7	26.1	23.0	17.4	10.4	5.87	4.82	4.50
55	141	137	128	112	94.4	76.6	59.1	45.6	38.4	33.6	29.5	25.8	21.9	18.3	12.4	7.28	5.30	4.81
60	52.6	52.4	49.0	45.9	43.4	40.7	38.0	34.2	30.5	26.9	24.0	20.5	16.6	12.3	7.55	5.56	5.07	4.95
65	43.0	42.7	42.4	39.0	36.7	34.6	32.2	29.9	26.8	23.7	21.0	18.6	15.5	12.3	8.97	6.05	5.33	5.05
70	32.9	33.2	31.5	29.3	27.6	25.6	23.9	21.8	19.2	17.0	15.2	13.1	10.5	8.27	6.33	5.45	5.20	5.09
75	24.0	23.1	23.7	21.9	20.3	19.1	17.4	16.3	15.0	12.8	11.6	10.3	8.55	6.77	6.01	5.56	5.34	5.22
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:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=0.9789]
Remarks: