

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	515.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	121.2V x 121.4H
	At 50% of Imax	91.1V x 91.3H
	At 90% of Imax	44.6V x 48.2H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	957.6 lumens per klm.
	To 50% of Imax	767.1 lumens per klm.
	To 90% of Imax	262.4 lumens per klm.

Upward LOR	1.7 %
Downward LOR	98.3 %

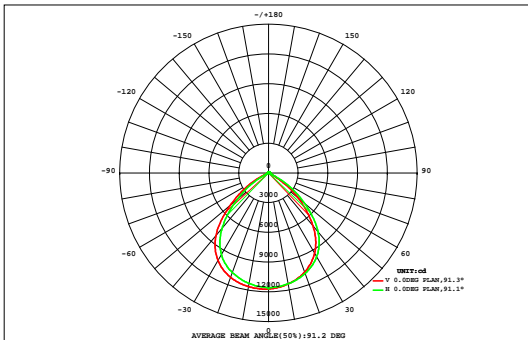
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:DAMIN
Test Date:2023-06-29

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:151.52lm/W	
MODEL		Imax(cd)	11729
NOMINAL POWER(W)	152	AVAILABILITY(%)	95.7
RATED VOLTAGE(V)	222	Avai. FLUX(lm)	21771
NOMINAL FLUX(lm)	22758.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	22759
TEST VOLTAGE(V)	222.4	θ @50%(H,V)	91,91DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.06	0.17	0.30	0.45	0.60	0.76	0.89	0.98	1.01	1.00	0.95	0.85	0.71	0.55	0.38	0.26	0.15	0.05		
90	0.06	0.17	0.30	0.45	0.60	0.76	0.89	0.98	1.01	1.00	0.95	0.85	0.71	0.55	0.38	0.26	0.15	0.05	10.1	0.00
80	0.06	0.24	0.60	1.18	1.96	2.79	3.50	3.95	4.04	4.02	3.87	3.38	2.65	1.78	0.92	0.40	0.16	0.05	35.5	0.00
70	0.07	0.39	1.20	2.63	4.64	6.93	10.4	15.2	18.3	18.1	14.5	9.81	6.60	4.34	2.22	0.84	0.22	0.05	117	16.3
60	0.08	0.60	2.00	4.60	11.4	31.4	59.0	82.6	95.5	95.2	81.6	57.2	28.9	9.67	3.99	1.51	0.34	0.05	566	507
50	0.10	0.83	2.91	9.71	39.7	85.2	132	170	190	189	167	130	82.7	33.3	7.16	2.30	0.50	0.05	1242	1209
40	0.12	1.05	3.98	24.1	74.8	140	202	246	267	265	241	196	132	65.7	16.1	3.08	0.67	0.06	1880	1858
30	0.13	1.25	6.08	40.4	106	186	251	293	312	310	286	241	171	92.7	28.2	3.95	0.81	0.06	2331	2313
20	0.14	1.40	8.90	53.0	130	215	279	319	337	334	310	265	196	111	37.7	4.79	0.92	0.07	2604	2588
10	0.15	1.48	10.8	59.8	143	230	294	333	350	345	322	276	206	118	41.6	5.18	0.96	0.07	2738	2724
0	0.15	1.47	10.6	58.8	141	228	291	330	347	346	322	275	205	117	40.7	5.00	0.95	0.07	2721	2706
-10	0.14	1.36	8.36	50.2	125	209	272	312	333	332	309	262	191	106	34.9	4.39	0.89	0.07	2552	2536
-20	0.13	1.20	5.58	36.3	97.9	174	238	283	306	305	281	233	162	85.3	24.0	3.60	0.77	0.06	2238	2218
-30	0.11	0.99	3.65	19.7	64.9	123	184	231	256	255	230	181	118	55.7	12.2	2.85	0.61	0.06	1739	1714
-40	0.10	0.76	2.60	7.63	29.5	68.5	113	150	171	171	149	112	65.9	23.3	5.68	2.05	0.44	0.05	1071	1034
-50	0.08	0.53	1.72	3.86	7.71	19.5	42.1	64.0	76.7	76.4	62.9	40.4	18.2	7.05	3.42	1.27	0.28	0.05	426	348
-60	0.07	0.34	0.98	2.05	3.50	5.24	7.08	9.46	11.4	11.3	9.40	7.15	5.31	3.41	1.72	0.64	0.18	0.05	79.3	0.00
-70	0.06	0.22	0.47	0.82	1.26	1.86	2.46	2.88	3.03	3.03	2.86	2.43	1.82	1.16	0.61	0.28	0.14	0.05	25.4	0.00
-80	0.05	0.16	0.26	0.34	0.40	0.48	0.56	0.62	0.65	0.64	0.61	0.55	0.47	0.39	0.31	0.23	0.14	0.05	6.94	0.00
-90	0.05	0.16	0.26	0.34	0.40	0.48	0.56	0.62	0.65	0.64	0.61	0.55	0.47	0.39	0.31	0.23	0.14	0.05	6.94	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90			
Φ t	1.81	14.5	71.1	376	984	1727	2383	2848	3078	3062	2796	2293	1595	837	262	42.6	9.12	1.00	22382	---
Φ a	0.00	0.00	16.7	327	942	1689	2347	2813	3045	3028	2761	2256	1556	792	199	0.00	0.00	0.00	---	21771

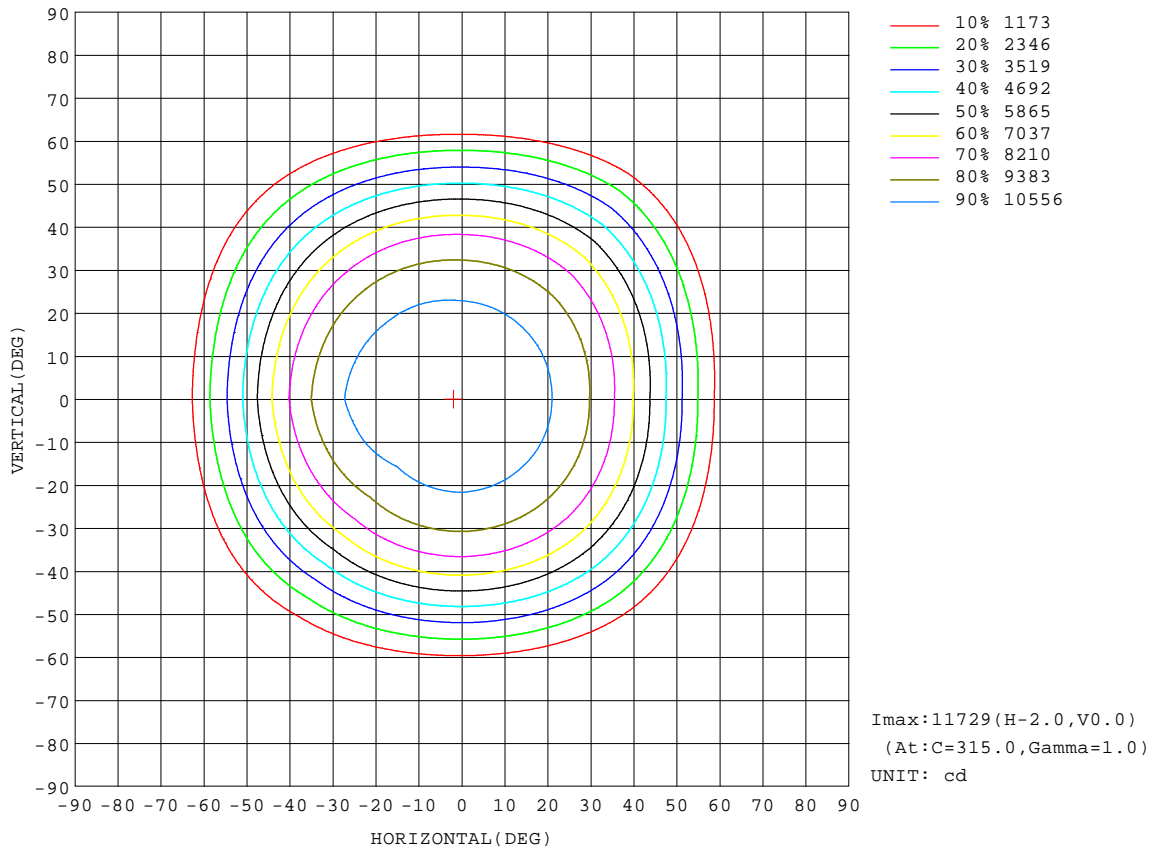
one-half-peak spread: U:44.8,D:46.7 , L:40.8,R:45.9 NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:DAMIN
Test Date:2023-06-29

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

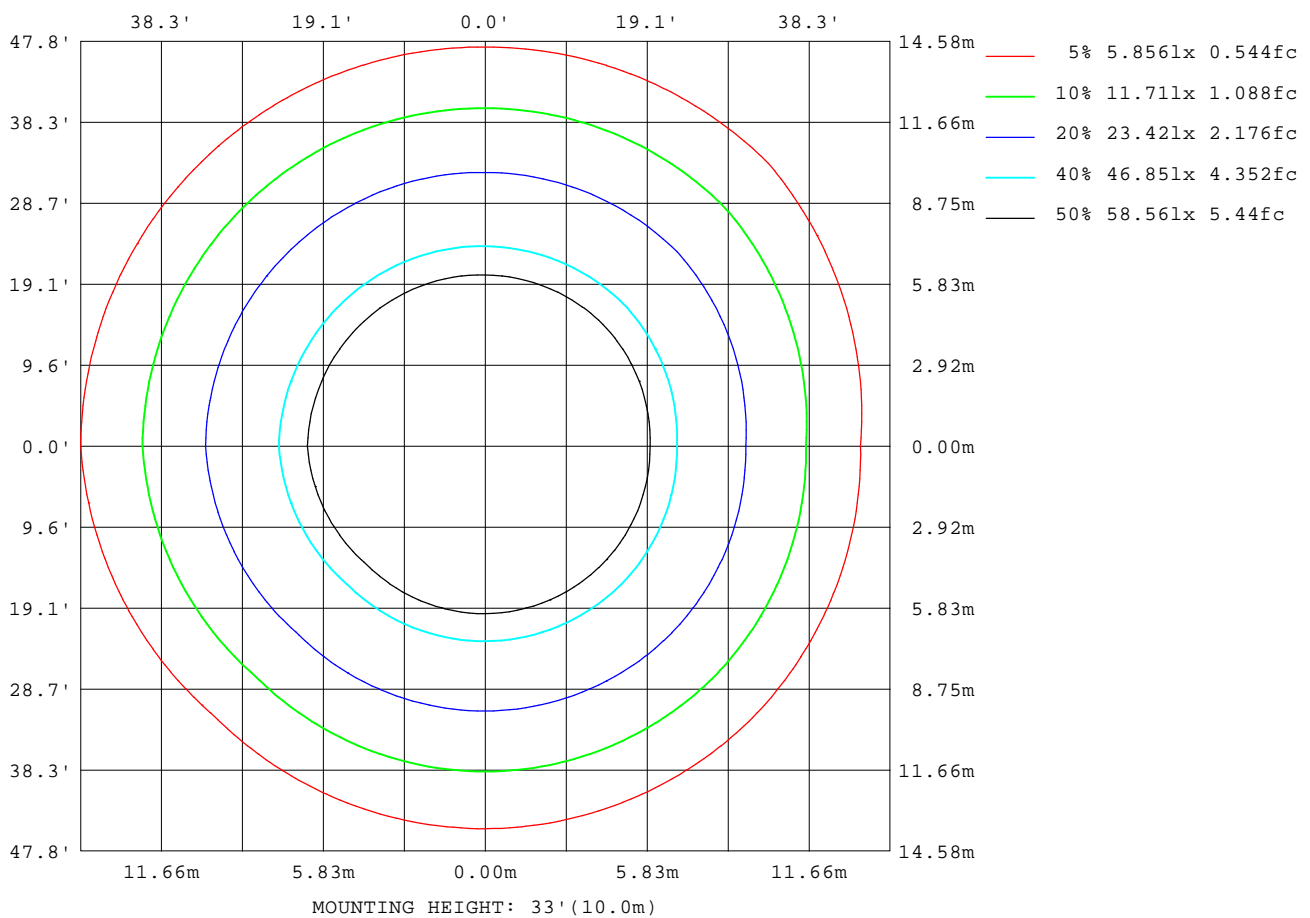


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Temperature:25DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



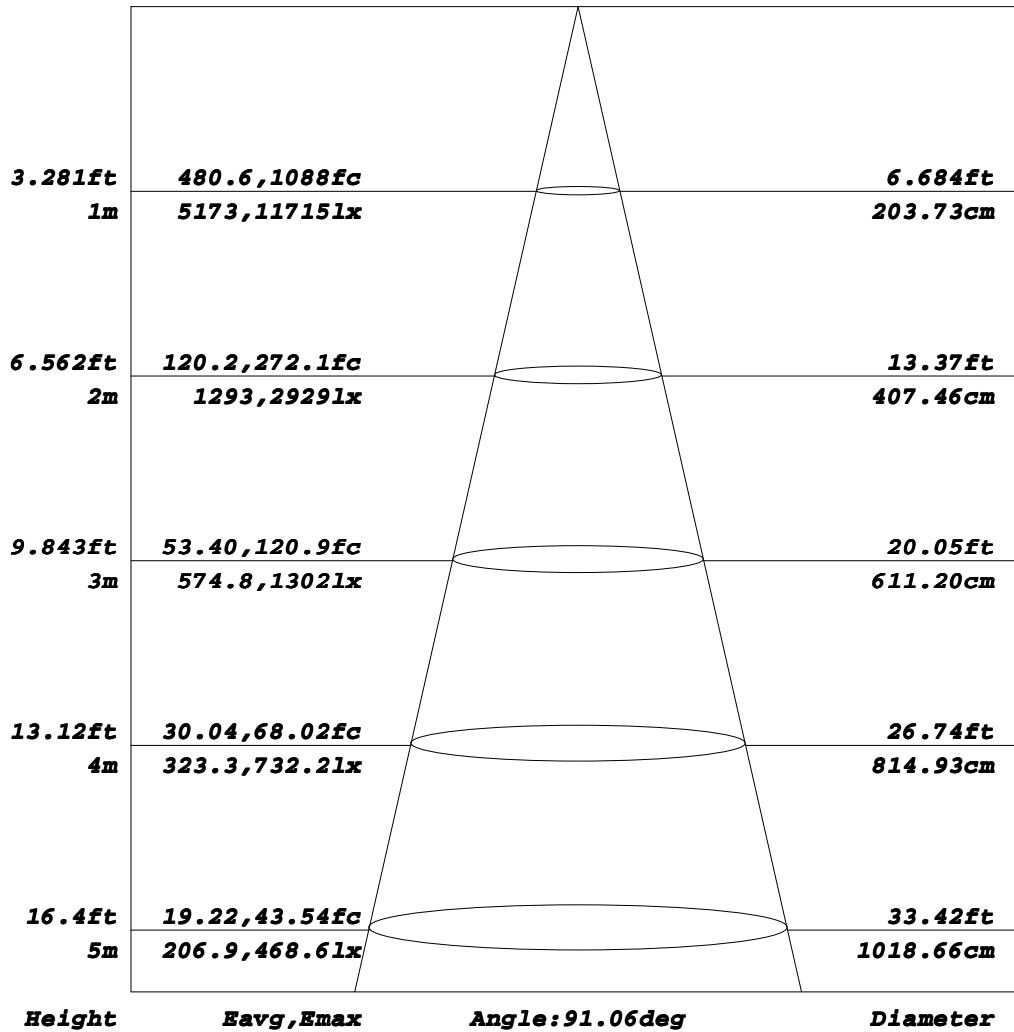
H(β) Range: -90 - 90DEG
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Test Speed: HIGH
Temperature: 25DEG
Operators: DAMIN
Test Date: 2023-06-29

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 6.500m [K=1.0000]
Remarks:

AAI Figure

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Flux out:17428 lm

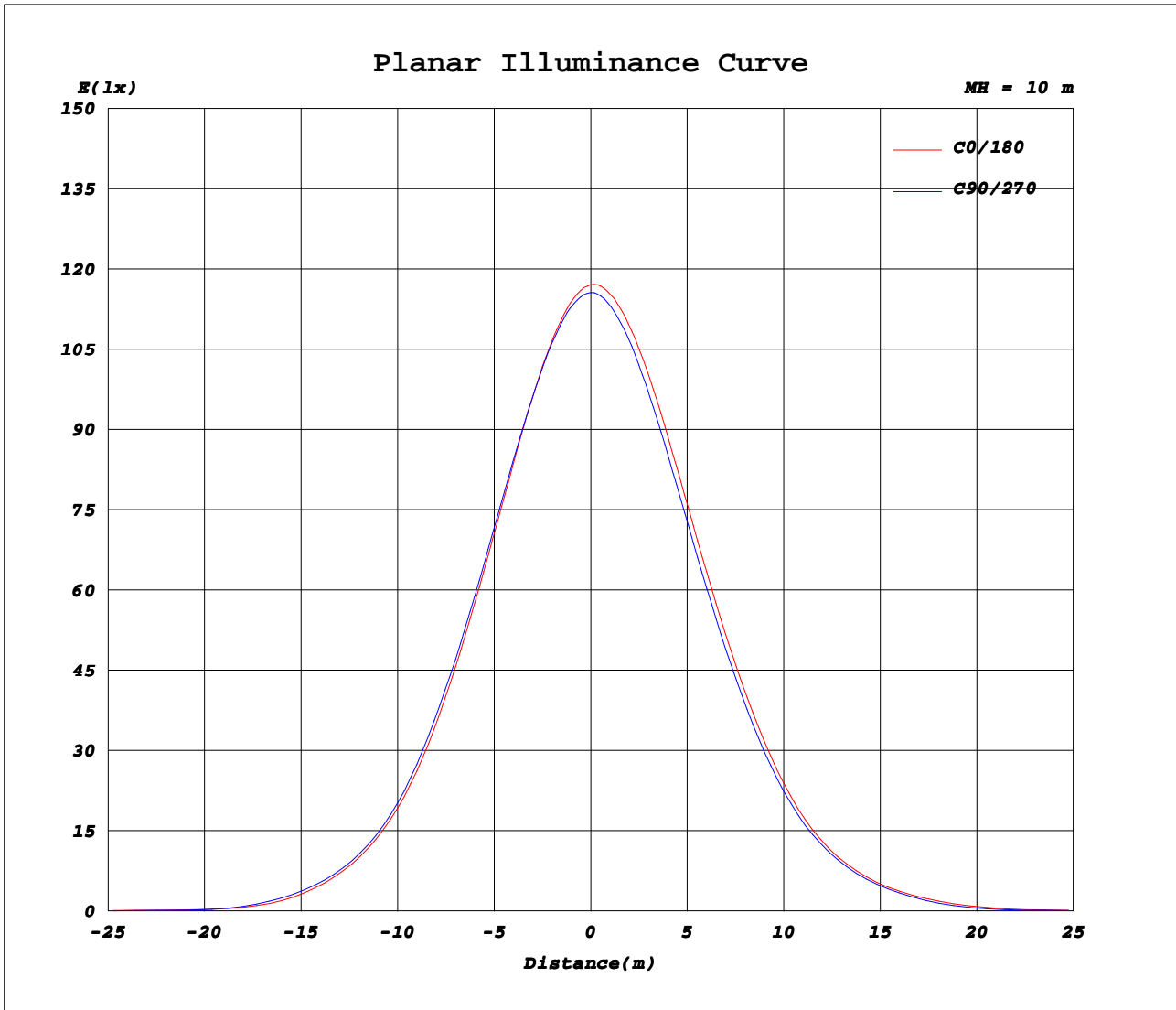


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: DAMIN
Test Date: 2023-06-29

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 6.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
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 Test Speed: HIGH
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 Operators: DAMIN
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V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 6.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: ×10cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	2.06	2.48	3.06	3.70	4.39	5.11	5.84	6.54	7.21	7.83	8.38	8.89	9.37	9.91	10.5	11.1	11.6	12.0	11.9
-170	2.06	2.47	3.03	3.66	4.33	5.04	5.74	6.42	7.07	7.66	8.20	8.66	9.10	9.57	10.1	10.5	10.9	11.2	11.4
-160	2.06	2.44	2.97	3.56	4.19	4.85	5.51	6.15	6.75	7.31	7.80	8.21	8.59	8.94	9.28	9.66	9.99	10.2	10.4
-150	2.06	2.40	2.88	3.40	3.96	4.55	5.15	5.72	6.27	6.77	7.22	7.61	7.92	8.20	8.49	8.75	8.95	9.09	9.15
-140	2.06	2.34	2.75	3.20	3.68	4.17	4.67	5.18	5.64	6.08	6.47	6.82	7.13	7.43	7.67	7.86	8.00	8.09	8.14
-130	2.06	2.28	2.60	2.96	3.34	3.73	4.12	4.51	4.90	5.26	5.58	5.88	6.17	6.42	6.62	6.79	6.92	7.00	7.04
-120	2.06	2.21	2.44	2.70	2.98	3.25	3.53	3.81	4.08	4.33	4.58	4.83	5.05	5.24	5.40	5.52	5.61	5.67	5.70
-110	2.06	2.13	2.28	2.43	2.60	2.77	2.94	3.10	3.26	3.41	3.57	3.72	3.85	3.97	4.07	4.15	4.21	4.26	4.27
-100	2.06	2.07	2.11	2.17	2.24	2.30	2.37	2.43	2.49	2.55	2.62	2.69	2.75	2.80	2.84	2.88	2.91	2.93	2.94
-90	2.06	2.03	2.00	1.97	1.95	1.92	1.89	1.86	1.84	1.81	1.81	1.82	1.82	1.82	1.83	1.83	1.83	1.83	1.84
-80	2.06	2.06	2.13	2.25	2.37	2.46	2.51	2.57	2.59	2.55	2.82	3.10	3.39	3.62	3.85	4.00	4.08	4.09	4.04
-70	2.06	2.19	2.66	3.29	4.13	5.14	6.29	7.58	8.83	10.1	11.6	13.1	14.5	15.6	16.5	17.1	17.4	17.4	17.1
-60	2.06	2.43	3.48	5.17	7.40	10.0	13.0	16.3	19.6	23.3	26.6	29.7	34.1	43.1	59.7	79.8	95.1	104	106
-50	2.06	2.73	4.61	7.65	11.5	16.2	21.6	27.8	37.1	57.5	104	166	225	278	325	362	390	407	413
-40	2.06	3.05	5.89	10.4	16.1	23.2	32.0	60.1	130	217	301	382	462	541	610	664	702	724	731
-30	2.06	3.36	7.13	12.9	20.5	30.2	62.2	154	264	378	492	604	701	780	847	895	927	945	952
-20	2.06	3.63	8.21	15.1	24.4	39.2	119	246	379	520	662	782	874	939	984	1024	1050	1064	1069
-10	2.06	3.81	8.98	16.7	27.3	53.8	170	309	462	625	775	889	973	1032	1073	1099	1111	1125	1131
0	2.06	3.90	9.37	17.5	28.6	62.7	195	340	504	677	827	939	1020	1080	1121	1149	1165	1172	1171
10	2.06	3.83	9.11	17.0	27.8	55.5	178	320	476	642	792	906	989	1049	1090	1117	1134	1140	1136
20	2.06	3.67	8.44	15.7	25.4	41.1	134	265	405	552	699	819	909	975	1021	1052	1072	1081	1079
30	2.06	3.42	7.45	13.6	21.8	32.1	72.1	182	299	421	544	665	763	839	896	936	960	972	974
40	2.06	3.12	6.24	11.2	17.5	25.6	35.4	78.0	170	265	361	451	537	616	680	727	758	775	779
50	2.06	2.79	4.93	8.47	13.0	18.4	25.0	32.0	47.6	98.1	165	231	292	346	392	428	455	471	475
60	2.06	2.49	3.74	5.84	8.66	12.0	15.8	20.0	24.7	29.2	34.0	41.8	59.9	86.8	113	136	154	164	166
70	2.06	2.24	2.83	3.71	4.97	6.54	8.34	10.3	12.3	14.4	16.3	17.9	19.4	20.6	21.3	21.7	21.7	21.4	20.8
80	2.06	2.09	2.23	2.44	2.72	3.03	3.38	3.79	4.23	4.67	5.16	5.61	6.01	6.32	6.56	6.70	6.75	6.70	6.57
90	2.06	2.06	2.06	2.07	2.07	2.07	2.08	2.08	2.08	2.09	2.09	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
100	2.06	2.10	2.16	2.25	2.34	2.43	2.52	2.61	2.70	2.78	2.85	2.92	2.98	3.03	3.08	3.11	3.14	3.16	3.16
110	2.06	2.16	2.32	2.51	2.70	2.89	3.09	3.28	3.47	3.65	3.81	3.96	4.10	4.22	4.32	4.40	4.46	4.50	4.51
120	2.06	2.23	2.49	2.77	3.07	3.37	3.68	3.98	4.28	4.56	4.83	5.08	5.30	5.49	5.65	5.77	5.86	5.91	5.93
130	2.06	2.30	2.64	3.03	3.43	3.84	4.26	4.68	5.08	5.47	5.82	6.14	6.41	6.65	6.85	7.01	7.13	7.20	7.23
140	2.06	2.36	2.79	3.25	3.75	4.27	4.79	5.31	5.80	6.26	6.68	7.05	7.38	7.67	7.90	8.07	8.20	8.27	8.30
150	2.06	2.41	2.90	3.44	4.02	4.63	5.24	5.83	6.39	6.91	7.39	7.81	8.16	8.46	8.72	8.93	9.08	9.18	9.21
160	2.06	2.45	2.99	3.59	4.23	4.90	5.58	6.23	6.84	7.41	7.93	8.37	8.76	9.12	9.44	9.76	10.0	10.2	10.3
170	2.06	2.47	3.04	3.68	4.35	5.06	5.77	6.46	7.11	7.72	8.26	8.73	9.18	9.64	10.1	10.6	10.9	11.2	11.3
180	2.06	2.48	3.06	3.70	4.39	5.11	5.84	6.54	7.21	7.83	8.38	8.89	9.37	9.91	10.5	11.1	11.6	12.0	11.9

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
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Temperature:25DEG
Operators:DAMIN
Test Date:2023-06-29

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: ×10cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	12.0	11.7	11.2	10.6	9.95	9.36	8.85	8.36	7.85	7.30	6.66	5.98	5.27	4.54	3.83	3.15	2.53	1.99
-170	11.4	11.2	10.8	10.3	9.71	9.19	8.71	8.24	7.74	7.19	6.56	5.90	5.20	4.49	3.79	3.13	2.52	1.99
-160	10.3	10.2	9.90	9.54	9.15	8.75	8.35	7.92	7.44	6.90	6.30	5.67	5.01	4.34	3.68	3.06	2.49	1.99
-150	9.14	9.06	8.91	8.70	8.45	8.14	7.79	7.40	6.95	6.44	5.90	5.32	4.71	4.11	3.52	2.97	2.45	1.99
-140	8.14	8.08	7.98	7.82	7.62	7.36	7.05	6.68	6.27	5.83	5.35	4.84	4.33	3.82	3.31	2.84	2.39	1.99
-130	7.04	6.99	6.89	6.76	6.57	6.35	6.09	5.79	5.45	5.08	4.69	4.29	3.88	3.46	3.06	2.68	2.32	1.99
-120	5.70	5.67	5.60	5.50	5.36	5.19	4.99	4.75	4.51	4.25	3.97	3.67	3.38	3.08	2.79	2.51	2.24	1.99
-110	4.28	4.26	4.21	4.15	4.07	3.97	3.85	3.71	3.56	3.39	3.22	3.05	2.87	2.69	2.51	2.33	2.15	1.99
-100	2.94	2.94	2.92	2.90	2.87	2.83	2.78	2.72	2.66	2.60	2.53	2.45	2.38	2.30	2.22	2.14	2.06	1.99
-90	1.84	1.85	1.85	1.86	1.86	1.87	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.98	1.99
-80	4.05	4.01	3.89	3.71	3.46	3.21	2.91	2.62	2.32	2.09	1.88	1.73	1.69	1.69	1.73	1.80	1.89	1.99
-70	17.4	17.5	17.1	16.5	15.7	14.6	13.1	11.5	9.67	7.69	5.85	4.24	3.06	2.22	1.75	1.70	1.81	1.99
-60	102	92.2	76.4	57.1	42.3	34.7	30.5	27.1	22.8	18.2	14.1	10.2	6.82	4.19	2.57	1.74	1.75	1.99
-50	406	389	361	322	274	218	153	87.6	44.6	31.8	24.8	18.1	12.3	7.40	3.95	2.12	1.71	1.99
-40	722	698	659	604	535	459	373	278	177	83.2	37.5	26.8	18.4	11.3	5.75	2.68	1.70	1.99
-30	943	922	888	838	769	679	569	453	331	204	87.1	35.6	24.2	14.9	7.62	3.27	1.71	1.99
-20	1063	1046	1016	973	912	830	722	590	450	307	161	51.4	28.8	18.0	9.28	3.78	1.72	1.99
-10	1127	1111	1084	1042	985	909	807	675	523	370	214	76.2	31.9	20.0	10.4	4.11	1.74	1.99
0	1159	1138	1108	1065	1008	933	832	699	546	389	230	85.7	33.0	20.6	10.8	4.22	1.74	1.99
10	1127	1109	1085	1046	991	918	818	689	537	383	225	84.2	33.0	20.4	10.7	4.23	1.75	1.99
20	1072	1054	1026	986	930	852	748	619	477	331	182	63.4	30.1	18.8	9.74	3.99	1.76	1.99
30	965	946	915	870	811	726	619	497	372	240	115	42.1	25.6	16.0	8.26	3.54	1.75	1.99
40	771	749	713	663	600	524	437	336	229	123	49.4	29.2	20.3	12.5	6.45	2.98	1.74	1.99
50	469	453	425	388	341	286	222	146	74.2	38.4	27.9	20.9	14.2	8.65	4.66	2.38	1.76	1.99
60	162	150	131	105	77.6	53.3	38.6	32.2	27.2	22.3	17.2	12.6	8.50	5.30	3.14	1.94	1.79	1.99
70	21.2	21.4	21.3	20.8	20.0	18.8	17.3	15.7	13.4	10.8	8.24	6.05	4.28	2.94	2.09	1.82	1.84	1.99
80	6.62	6.59	6.47	6.27	5.96	5.60	5.15	4.67	4.14	3.47	2.88	2.42	2.12	1.94	1.87	1.87	1.92	1.99
90	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.09	2.07	2.06	2.05	2.04	2.03	2.02	2.01	2.00	1.99
100	3.16	3.15	3.12	3.09	3.05	3.00	2.95	2.88	2.81	2.73	2.65	2.56	2.47	2.37	2.28	2.18	2.08	1.99
110	4.50	4.47	4.41	4.34	4.24	4.13	3.99	3.85	3.69	3.52	3.33	3.15	2.95	2.75	2.56	2.36	2.17	1.99
120	5.92	5.86	5.78	5.66	5.51	5.33	5.11	4.87	4.62	4.35	4.05	3.76	3.45	3.14	2.84	2.54	2.26	1.99
130	7.20	7.13	7.01	6.86	6.66	6.43	6.16	5.86	5.53	5.16	4.76	4.35	3.93	3.51	3.10	2.71	2.34	1.99
140	8.26	8.18	8.05	7.87	7.64	7.37	7.05	6.70	6.31	5.88	5.40	4.90	4.38	3.85	3.34	2.86	2.40	1.99
150	9.15	9.03	8.86	8.64	8.39	8.11	7.78	7.40	6.96	6.47	5.93	5.35	4.75	4.14	3.55	2.98	2.46	1.99
160	10.2	9.92	9.62	9.31	9.02	8.68	8.32	7.91	7.44	6.91	6.32	5.69	5.03	4.36	3.70	3.08	2.50	1.99
170	11.1	10.7	10.4	10.0	9.58	9.13	8.68	8.23	7.74	7.19	6.57	5.91	5.21	4.50	3.80	3.13	2.53	1.99
180	12.0	11.7	11.2	10.6	9.95	9.36	8.85	8.36	7.85	7.30	6.66	5.98	5.27	4.54	3.83	3.15	2.53	1.99

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:DAMIN
Test Date:2023-06-29

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks: