

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2246.9 cd per klm.
(Luminaire orientation as tested.)	10.0 degrees vertical
	2.0 degrees horizontal

Beam Spread	At 10% of Imax	89.2V x 70.8H
	At 50% of Imax	65.9V x 49.1H
	At 90% of Imax	42.6V x 14.3H

Beam Flux	Total	1915.6 lumens per klm.
	To 10% of Imax	1821.2 lumens per klm.
	To 50% of Imax	1315.7 lumens per klm.
	To 90% of Imax	319.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	191.6 %

Luminaire Efficiency (Light Output Ratio)	191.4 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 30 August 2022

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 6.265m [K=1.0000]
Remarks:

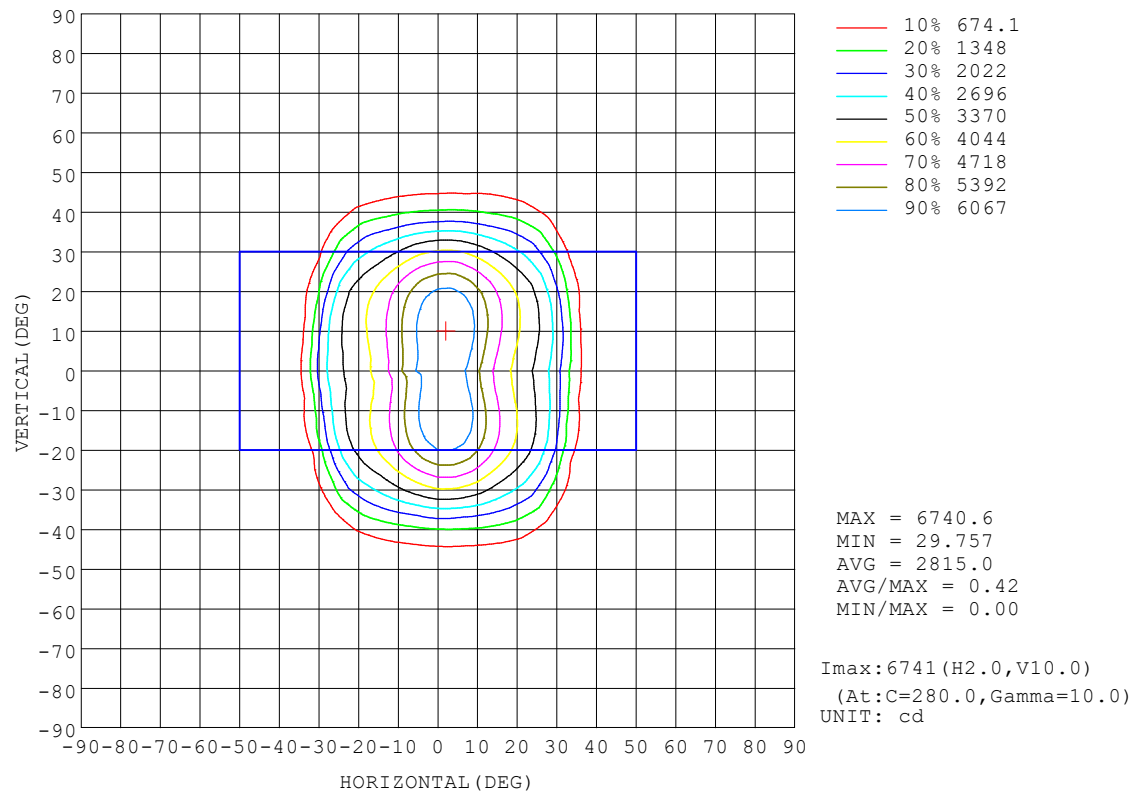
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Remarks:

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ISOCANDELA DIAGRAM

NAME: 93DFLD6030/BL	TYPE: 93DFLD6030/BL	WEIGHT: 1
SPEC.:	DIM.: 404 x 102 x 70	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: 24 square 20 x 20	Shielding Angle:

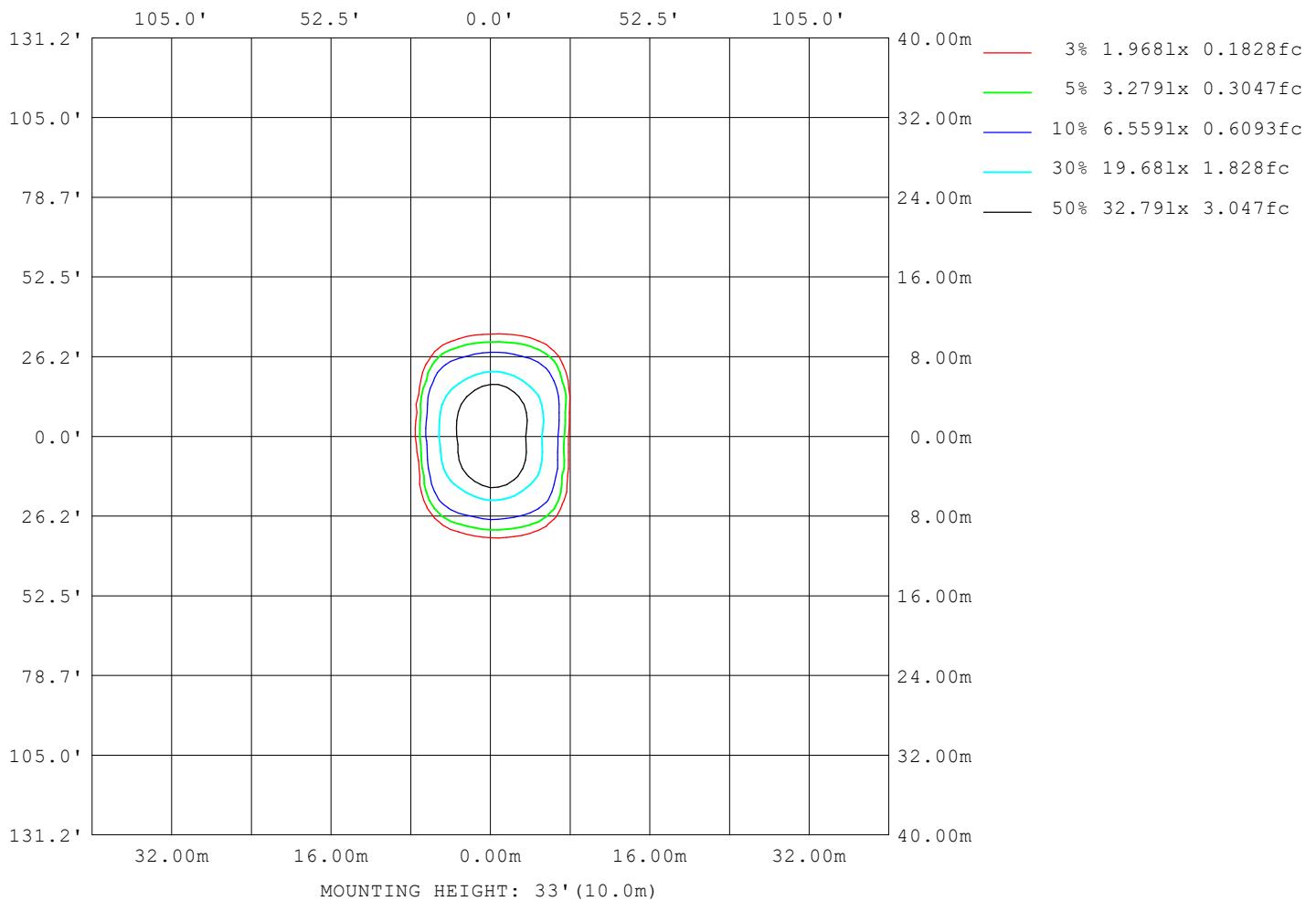


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 Test Speed: HIGH
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 Test Date:30 August 2022

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 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity:65.0%
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 Remarks:

ISOLUX DIAGRAM

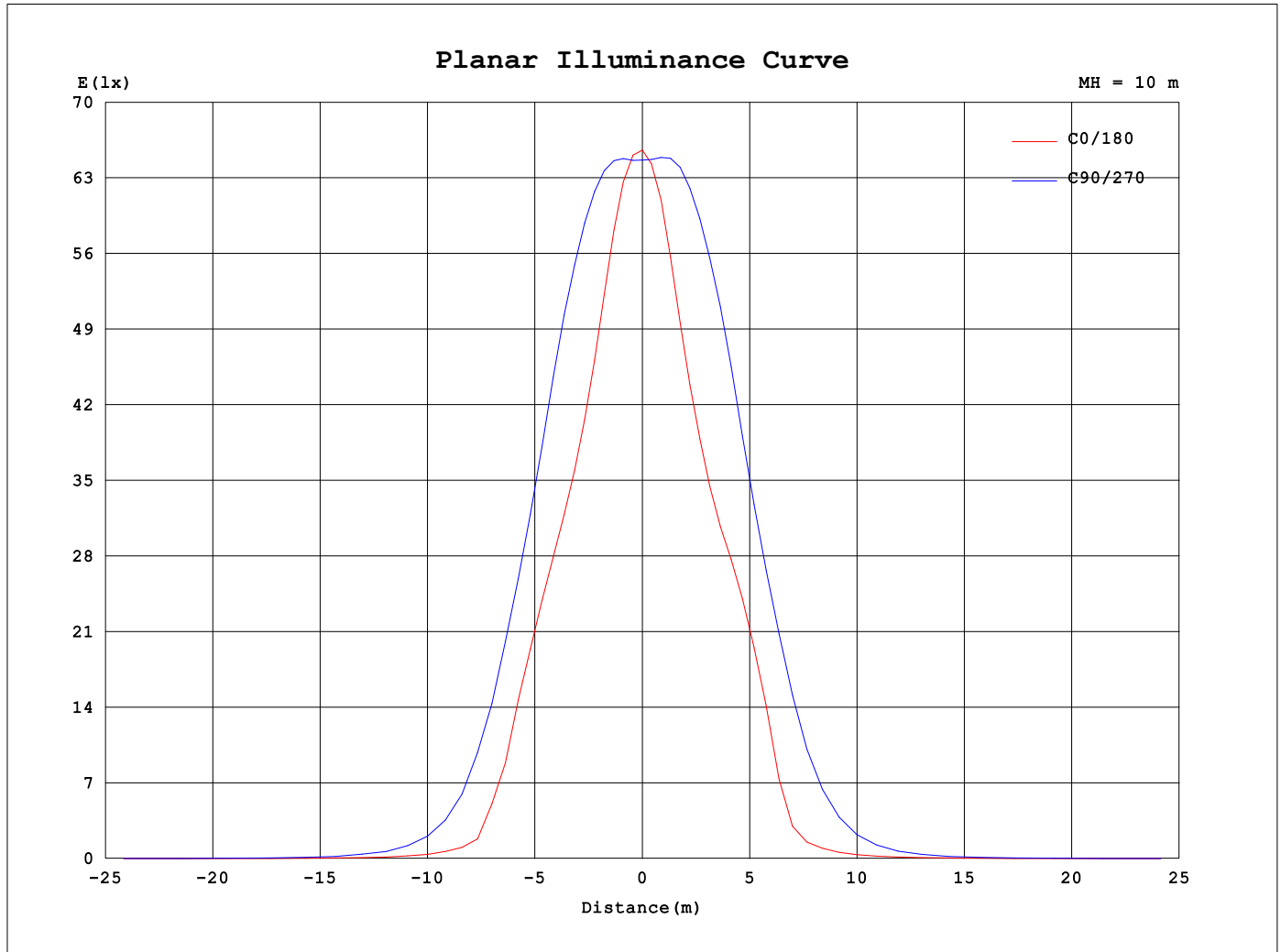
NAME: 93DFLD6030/BL	TYPE: 93DFLD6030/BL	WEIGHT: 1
SPEC.:	DIM.: 404 x 102 x 70	SERIAL No.: 0
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Remarks:

Planar Illuminance Curve

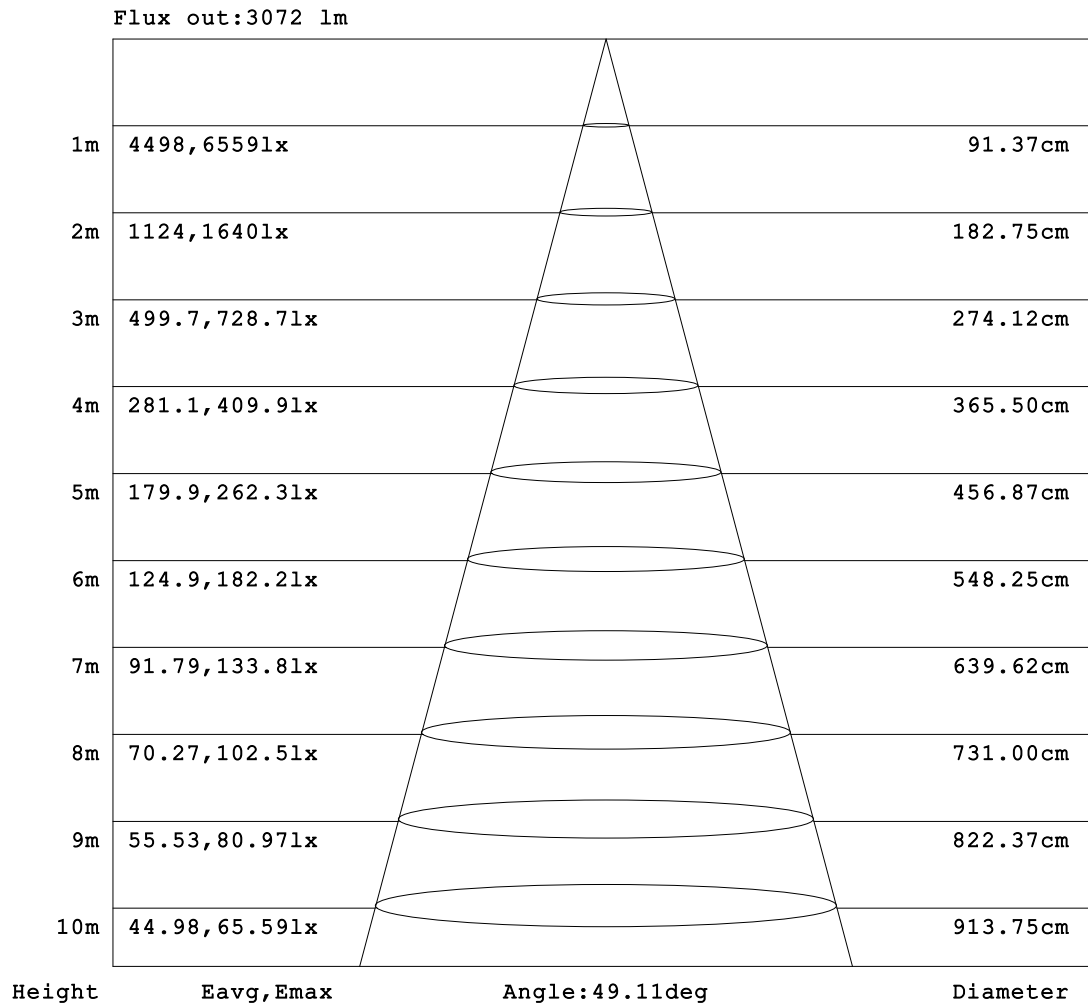


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AAI Figure

NAME: 93DFLD6030/BL	TYPE: 93DFLD6030/BL	WEIGHT: 1
SPEC.:	DIM.: 404 x 102 x 70	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: 24 square 20 x 20	Shielding Angle:



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

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C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:30 August 2022

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 93DFLD6030/BL	TYPE: 93DFLD6030/BL	WEIGHT: 1
SPEC.:	DIM.: 404 x 102 x 70	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: 24 square 20 x 20	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	0.30	0.25	0.20	0.20	0.20	0.21	0.22	0.22	0.22	0.25	0.27	0.27	0.27	0.29	0.30	0.30	0.30	0.30	0.30
-85	0.30	0.25	0.20	0.20	0.20	0.21	0.21	0.22	0.23	0.24	0.25	0.26	0.28	0.29	0.29	0.30	0.32	0.31	0.30
-80	0.30	0.25	0.20	0.20	0.20	0.21	0.21	0.22	0.25	0.26	0.27	0.31	0.35	0.36	0.37	0.40	0.42	0.43	0.42
-75	0.30	0.25	0.20	0.20	0.21	0.21	0.21	0.25	0.30	0.33	0.37	0.43	0.51	0.55	0.57	0.62	0.66	0.68	0.70
-70	0.30	0.25	0.20	0.20	0.22	0.23	0.24	0.30	0.38	0.51	0.78	1.31	1.70	2.45	3.59	4.88	6.14	6.93	7.37
-65	0.30	0.25	0.21	0.20	0.23	0.26	0.30	0.39	0.79	1.68	3.02	4.40	6.28	8.90	13.0	16.8	20.2	21.9	22.8
-60	0.30	0.25	0.21	0.21	0.24	0.29	0.38	0.84	2.46	4.43	6.61	9.42	13.5	19.4	28.8	38.1	44.8	48.6	50.3
-55	0.30	0.26	0.21	0.21	0.26	0.35	0.65	2.60	5.26	8.20	11.9	16.5	24.5	37.2	58.5	83.7	97.6	106	110
-50	0.30	0.26	0.22	0.22	0.28	0.43	1.93	5.17	8.72	13.1	19.0	27.7	44.1	74.3	133	203	225	243	253
-45	0.30	0.26	0.22	0.23	0.31	0.53	3.98	8.09	12.8	19.3	29.0	45.7	78.2	159	300	432	509	557	589
-40	0.30	0.26	0.23	0.24	0.35	1.82	6.31	11.2	17.6	27.2	43.2	77.5	155	379	744	964	1141	1251	1331
-35	0.30	0.27	0.24	0.25	0.40	3.14	8.56	14.4	22.8	36.5	63.4	112	300	863	1458	1876	2181	2422	2614
-30	0.30	0.27	0.25	0.27	0.43	4.87	10.7	17.5	28.2	46.7	82.9	169	552	1476	2285	2783	3252	3683	3997
-25	0.30	0.27	0.26	0.29	0.94	6.46	12.6	20.5	33.1	56.8	107	234	842	2086	3005	3524	4116	4713	5133
-20	0.30	0.28	0.27	0.30	1.60	7.68	14.2	22.9	38.0	67.3	132	300	1125	2625	3518	4080	4782	5536	6063
-15	0.30	0.28	0.27	0.31	2.20	8.65	15.5	25.1	42.7	78.1	155	339	1503	2959	3738	4289	5052	5937	6528
-10	0.30	0.29	0.28	0.32	2.70	9.34	16.5	27.1	46.8	86.6	177	478	1686	3074	3750	4297	5096	6034	6667
-5	0.30	0.29	0.29	0.32	3.08	9.76	17.1	28.4	50.5	96.8	197	478	1914	3104	3666	4204	5010	5947	6554
0	0.30	0.29	0.29	0.32	3.30	9.91	17.3	29.0	52.5	103	212	547	2182	3236	3705	4313	5189	6166	6559
5	0.30	0.29	0.29	0.32	3.23	9.83	17.2	28.7	51.7	100	207	536	2088	3229	3754	4352	5181	6078	6565
10	0.30	0.29	0.29	0.32	2.98	9.49	16.7	27.7	49.0	93.1	194	513	1922	3235	3841	4424	5233	6130	6699
15	0.30	0.29	0.30	0.32	2.54	8.88	15.8	25.9	45.2	84.9	179	400	1689	3116	3835	4395	5168	6017	6572
20	0.30	0.29	0.30	0.32	1.92	8.02	14.5	23.7	40.4	73.4	150	357	1350	2811	3641	4187	4911	5659	6157
25	0.30	0.29	0.30	0.32	1.13	6.90	13.0	21.4	35.2	61.4	118	259	1011	2282	3133	3657	4261	4887	5258
30	0.30	0.29	0.30	0.32	0.47	5.52	11.2	18.3	29.8	50.1	89.8	190	577	1608	2425	2918	3376	3848	4112
35	0.30	0.29	0.30	0.31	0.44	3.97	9.20	15.2	24.0	38.9	67.0	124	338	963	1608	2001	2306	2599	2751
40	0.30	0.29	0.30	0.31	0.35	2.36	7.00	11.9	18.4	28.9	46.7	82.6	170	437	864	1075	1258	1383	1430
45	0.30	0.30	0.30	0.30	0.32	0.71	4.70	8.66	13.5	20.4	31.1	49.7	92.9	181	345	481	564	610	629
50	0.30	0.30	0.30	0.30	0.31	0.45	2.39	5.66	9.22	13.8	20.1	29.0	46.6	81.3	137	209	246	261	265
55	0.30	0.30	0.30	0.30	0.30	0.31	0.79	2.97	5.67	8.68	12.4	17.0	25.4	39.2	61.3	87.9	104	112	113
60	0.30	0.30	0.29	0.30	0.30	0.30	0.33	1.01	2.76	4.75	6.84	9.62	13.9	20.0	29.6	39.4	46.9	50.4	51.3
65	0.30	0.30	0.29	0.30	0.30	0.30	0.32	0.36	0.83	1.87	3.15	4.51	6.48	9.15	13.3	17.4	21.0	22.6	23.1
70	0.30	0.30	0.29	0.30	0.30	0.30	0.31	0.32	0.32	0.45	0.76	1.33	1.83	2.62	3.79	5.22	6.67	7.38	7.69
75	0.30	0.30	0.29	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.33	0.33	0.35	0.38	0.37	0.36	0.35	0.38	0.41
80	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.36
85	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.33	0.32	0.32	0.33	0.34	0.34	0.34	0.35	0.36	0.36	0.35
90	0.30	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.39	0.39	0.40	0.39	0.39

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γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 93DFLD6030/BL	TYPE: 93DFLD6030/BL	WEIGHT: 1
SPEC.:	DIM.: 404 x 102 x 70	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: 24 square 20 x 20	Shielding 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	0.30	0.30	0.29	0.27	0.27	0.27	0.25	0.23	0.22	0.22	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
-85	0.31	0.32	0.31	0.29	0.30	0.30	0.27	0.24	0.24	0.24	0.22	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
-80	0.44	0.45	0.43	0.41	0.41	0.41	0.36	0.32	0.30	0.28	0.24	0.21	0.21	0.21	0.20	0.20	0.20	0.20	
-75	0.71	0.72	0.73	0.73	0.76	0.69	0.57	0.50	0.42	0.36	0.29	0.24	0.23	0.22	0.20	0.20	0.20	0.20	
-70	7.72	7.62	6.71	5.58	4.14	3.08	2.44	1.72	1.10	0.54	0.38	0.30	0.26	0.23	0.21	0.20	0.20	0.20	
-65	23.4	23.0	20.6	16.9	11.9	8.78	6.43	4.77	3.21	1.82	0.71	0.37	0.30	0.25	0.21	0.20	0.20	0.20	
-60	52.0	51.5	47.6	37.7	25.8	18.1	12.7	9.22	6.66	4.36	2.21	0.59	0.35	0.27	0.21	0.20	0.20	0.20	
-55	114	114	108	80.4	53.8	34.0	22.3	16.0	11.3	7.68	4.65	1.86	0.44	0.30	0.23	0.20	0.20	0.20	
-50	260	258	243	182	119	66.3	38.8	25.6	17.4	11.8	7.55	3.87	0.95	0.33	0.24	0.20	0.20	0.20	
-45	596	583	533	437	266	130	68.1	39.5	25.3	16.6	10.8	6.25	1.85	0.38	0.25	0.21	0.20	0.20	
-40	1336	1289	1162	991	648	296	119	62.1	35.6	22.3	14.2	8.55	3.67	0.49	0.26	0.21	0.20	0.20	
-35	2590	2418	2132	1782	1329	580	179	88.6	47.7	28.6	17.7	10.8	5.43	0.90	0.28	0.22	0.20	0.20	
-30	3944	3626	3120	2631	1981	1037	300	118	60.9	34.9	21.0	12.9	6.93	1.18	0.30	0.23	0.20	0.20	
-25	5066	4611	3943	3326	2603	1440	418	153	73.9	40.6	24.3	14.8	8.22	2.01	0.33	0.24	0.21	0.20	
-20	5970	5392	4570	3848	3080	1890	562	186	87.1	46.4	26.8	16.4	9.30	2.93	0.35	0.24	0.21	0.20	
-15	6467	5769	4816	4041	3306	2126	772	213	100	51.6	29.1	17.6	10.1	3.62	0.37	0.25	0.21	0.20	
-10	6587	5815	4802	4027	3318	2237	801	236	109	55.2	30.8	18.4	10.6	4.08	0.38	0.25	0.21	0.20	
-5	6471	5633	4635	3923	3263	2281	823	239	115	57.2	31.5	18.7	10.8	4.31	0.38	0.26	0.21	0.20	
0	6338	5470	4509	3835	3213	2269	925	233	113	56.8	31.3	18.6	10.8	4.31	0.39	0.26	0.21	0.20	
5	6504	5747	4739	3985	3345	2406	936	252	119	58.6	31.8	18.8	10.9	4.40	0.38	0.26	0.21	0.20	
10	6628	5907	4904	4122	3457	2448	943	258	117	57.8	31.4	18.5	10.7	4.27	0.37	0.27	0.22	0.20	
15	6516	5845	4907	4136	3435	2356	795	238	112	54.9	29.9	17.8	10.2	3.91	0.36	0.27	0.22	0.20	
20	6073	5495	4674	3964	3240	2121	793	221	97.3	49.9	27.9	16.6	9.53	3.34	0.35	0.27	0.22	0.20	
25	5221	4727	4079	3457	2784	1697	540	177	82.1	43.9	25.4	15.2	8.54	2.55	0.34	0.27	0.23	0.20	
30	4097	3732	3253	2759	2134	1193	374	134	67.0	37.5	22.1	13.4	7.34	1.76	0.33	0.27	0.23	0.20	
35	2747	2534	2241	1917	1441	690	220	99.1	51.8	30.4	18.6	11.3	5.93	1.25	0.32	0.27	0.23	0.20	
40	1454	1381	1237	1078	740	367	139	66.9	38.4	23.5	14.9	9.02	4.32	0.55	0.32	0.27	0.23	0.20	
45	642	642	581	484	312	155	83.0	43.2	27.0	17.4	11.2	6.72	2.67	0.39	0.31	0.28	0.23	0.20	
50	274	271	252	199	138	80.1	42.6	27.5	18.3	12.2	7.87	4.42	1.26	0.32	0.30	0.28	0.24	0.20	
55	118	117	110	85.1	59.6	36.9	23.5	16.8	11.8	7.96	4.95	2.31	0.47	0.30	0.30	0.28	0.24	0.20	
60	53.4	53.1	49.1	39.3	27.5	19.1	13.1	9.41	6.85	4.58	2.49	0.74	0.31	0.30	0.30	0.28	0.24	0.20	
65	24.0	23.7	21.2	17.4	12.4	9.11	6.49	4.78	3.31	1.99	0.84	0.33	0.30	0.30	0.29	0.28	0.24	0.20	
70	8.16	8.16	7.07	5.78	4.28	3.12	2.40	1.70	1.11	0.49	0.34	0.31	0.30	0.29	0.29	0.29	0.24	0.20	
75	0.42	0.42	0.51	0.56	0.59	0.49	0.41	0.42	0.34	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.24	0.20	
80	0.35	0.34	0.34	0.34	0.33	0.32	0.32	0.32	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.29	0.24	0.20	
85	0.35	0.35	0.34	0.33	0.33	0.33	0.32	0.31	0.31	0.31	0.31	0.30	0.30	0.30	0.30	0.29	0.24	0.20	
90	0.39	0.39	0.38	0.36	0.36	0.36	0.34	0.32	0.32	0.32	0.31	0.30	0.30	0.30	0.30	0.29	0.24	0.20	

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:30 August 2022

γ Range: 0 - 90DEG

γ Interval: 2.5DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:6.265m [K=1.0000]

Remarks: