

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2480.9 cd per klm.
(Luminaire orientation as tested.)	10.0 degrees vertical
	1.5 degrees horizontal

Beam Spread	At 10% of Imax	89.7V x 72.3H
	At 50% of Imax	66.2V x 48.6H
	At 90% of Imax	43.6V x 14.3H

Beam Flux	Total	2151.2 lumens per klm.
	To 10% of Imax	2046.1 lumens per klm.
	To 50% of Imax	1472.6 lumens per klm.
	To 90% of Imax	360.9 lumens per klm.

Upward LOR	0.0 %
Downward LOR	215.1 %

Luminaire Efficiency (Light Output Ratio)	214.9 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 31 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:

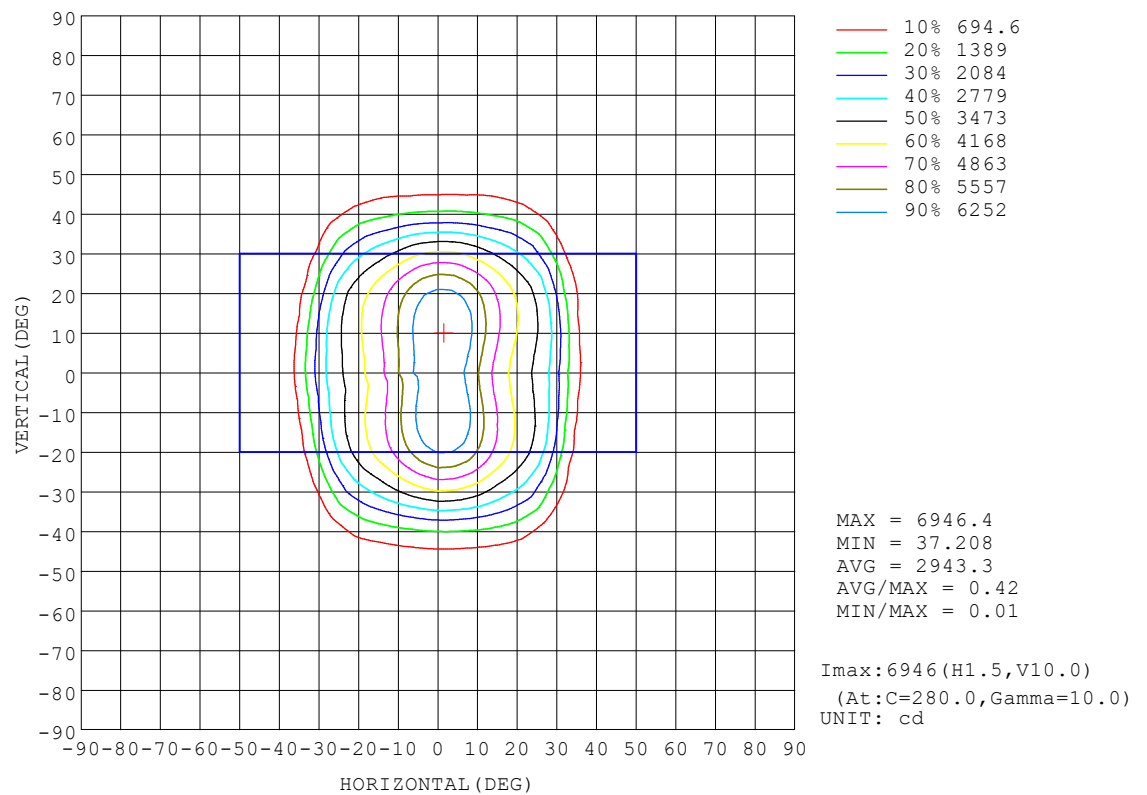
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Remarks:

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ISOCANDELA DIAGRAM

NAME: 93DFLD6040/BL	TYPE: 93DFLD6040/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:

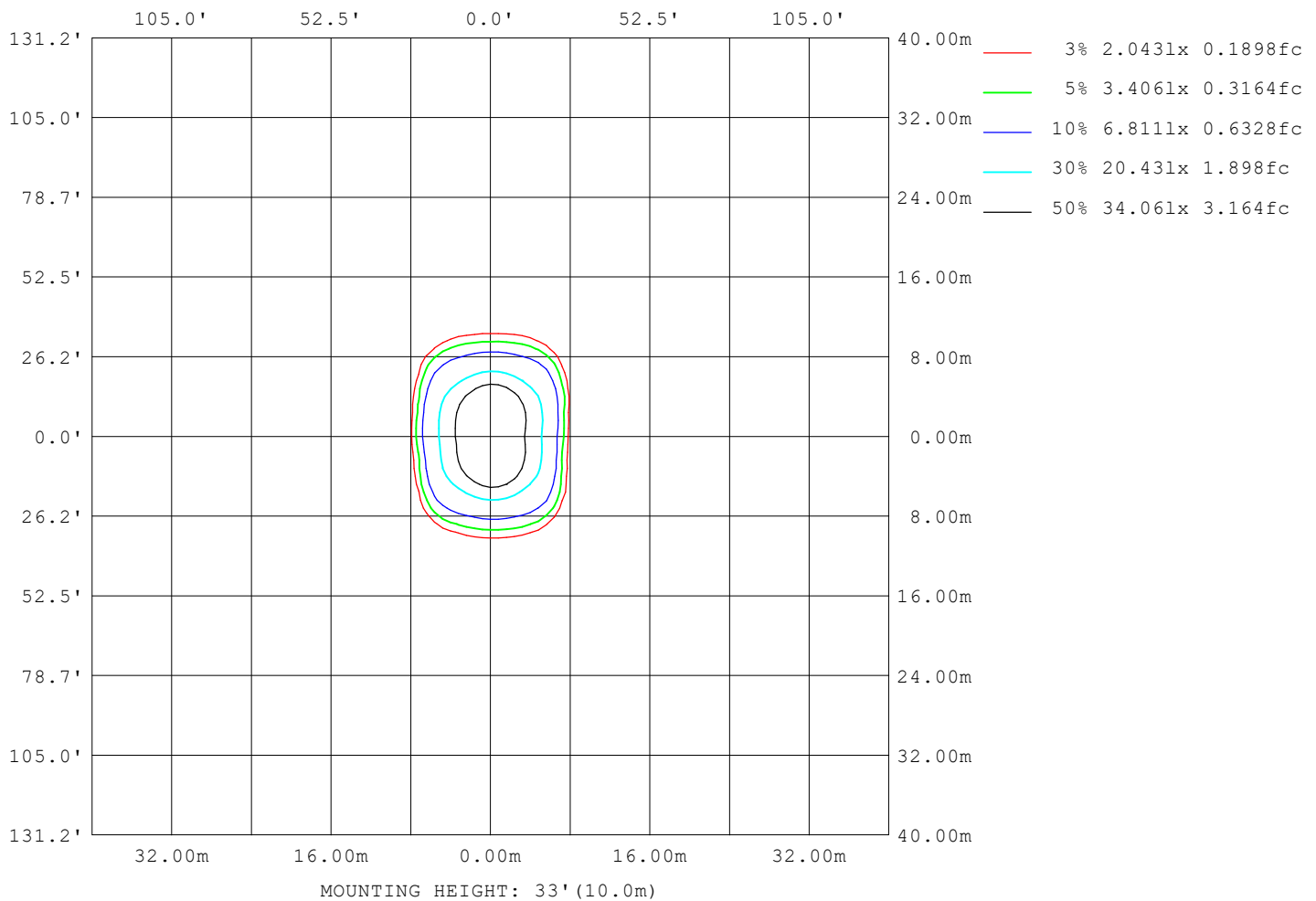


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C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
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Test Date:31 August 2022

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
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Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

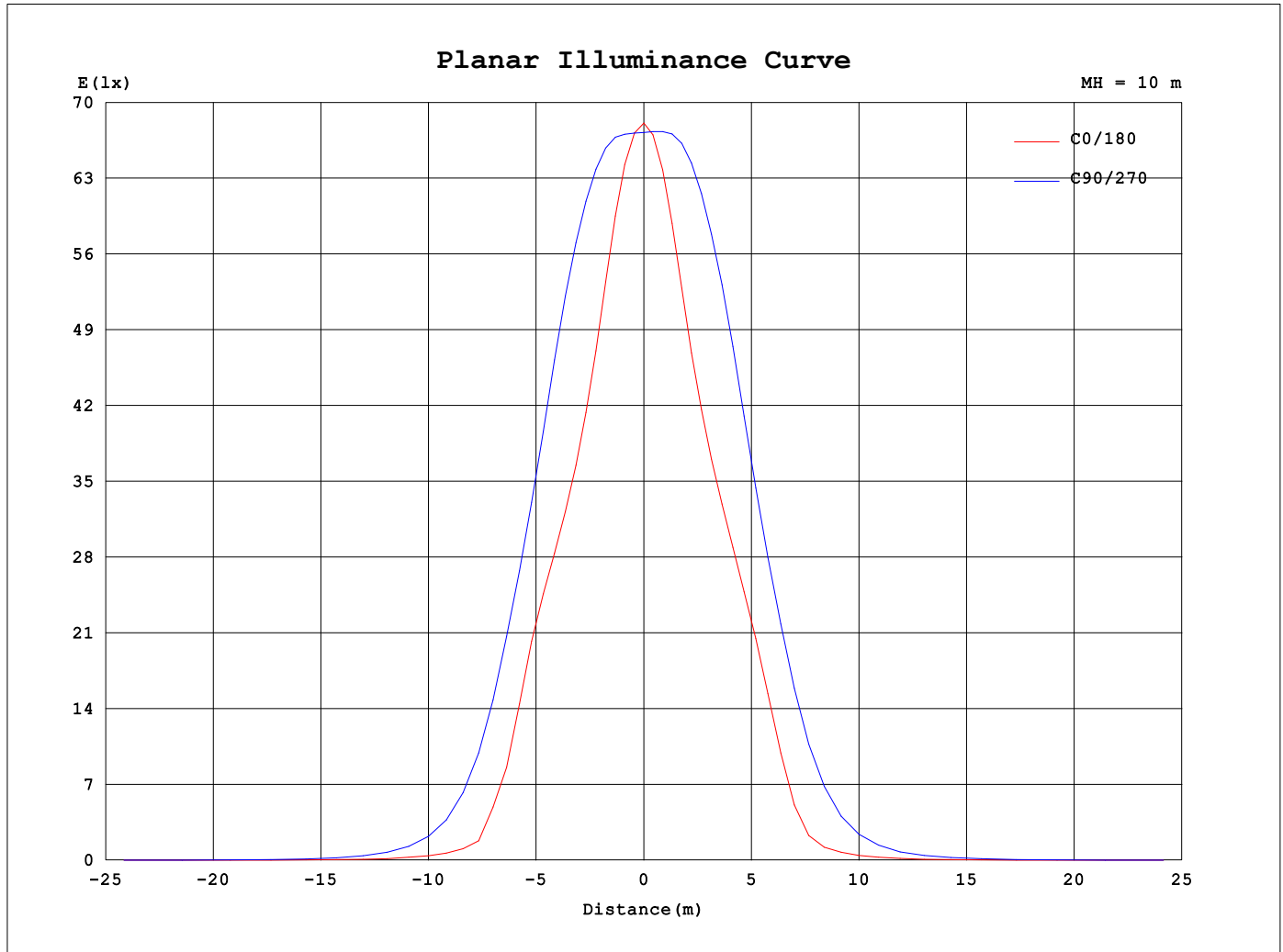
NAME: 93DFLD6040/BL	TYPE: 93DFLD6040/BL	WEIGHT: 1
SPEC.:	DIM.: 404 x 102 x 70	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: 24 square 20 x 20	Shielding Angle:



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Remarks:

Planar Illuminance Curve

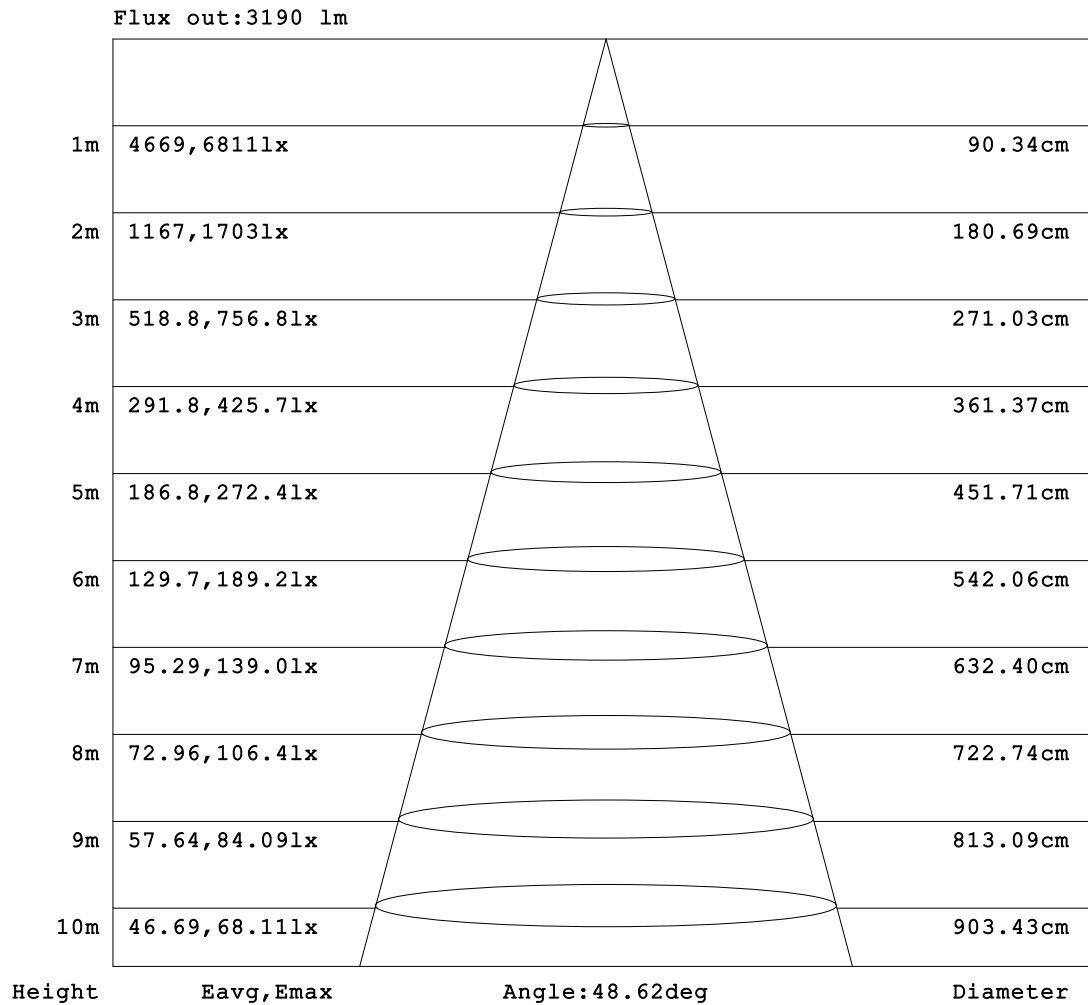


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AAI Figure

NAME: 93DFLD6040/BL	TYPE: 93DFLD6040/BL	WEIGHT: 1
SPEC.:	DIM.: 404 x 102 x 70	SERIAL No.: 0
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Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
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Test Distance:6.265m [K=1.0000]
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LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 93DFLD6040/BL	TYPE: 93DFLD6040/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	0.33	0.27	0.22	0.22	0.22	0.23	0.24	0.24	0.25	0.27	0.29	0.30	0.30	0.32	0.33	0.33	0.33	0.33	0.33
-85	0.33	0.27	0.22	0.22	0.23	0.23	0.23	0.24	0.26	0.27	0.28	0.29	0.32	0.32	0.32	0.34	0.36	0.35	0.34
-80	0.33	0.27	0.22	0.22	0.23	0.23	0.23	0.26	0.29	0.31	0.32	0.37	0.41	0.42	0.43	0.46	0.48	0.49	0.49
-75	0.33	0.27	0.22	0.22	0.24	0.25	0.25	0.30	0.36	0.42	0.48	0.54	0.64	0.70	0.71	0.75	0.77	0.80	0.81
-70	0.33	0.28	0.22	0.22	0.25	0.28	0.31	0.39	0.53	0.91	1.34	1.91	2.36	3.27	4.64	5.96	7.15	7.82	8.09
-65	0.33	0.28	0.23	0.23	0.27	0.32	0.39	0.71	1.48	2.52	3.97	5.52	7.68	10.7	15.5	19.7	23.2	24.8	25.4
-60	0.33	0.28	0.23	0.24	0.29	0.38	0.66	1.83	3.59	5.67	8.10	11.4	16.3	23.4	34.9	45.7	52.6	56.0	56.9
-55	0.33	0.28	0.24	0.25	0.33	0.51	1.72	3.91	6.74	10.0	14.4	20.0	30.2	46.7	72.8	102	116	122	124
-50	0.33	0.29	0.25	0.27	0.37	1.05	3.43	6.75	10.7	15.8	23.0	34.3	56.5	98.3	159	227	255	271	278
-45	0.33	0.29	0.25	0.28	0.44	2.07	5.60	10.1	15.6	23.2	35.2	58.0	108	224	366	487	559	602	627
-40	0.33	0.29	0.26	0.31	0.61	3.53	8.12	13.7	21.3	33.1	53.4	103	236	517	880	1052	1222	1328	1393
-35	0.33	0.30	0.28	0.33	1.28	5.03	10.7	17.5	27.7	44.8	77.9	150	437	1072	1598	1979	2287	2533	2698
-30	0.33	0.30	0.29	0.36	1.88	6.76	13.0	21.2	34.5	57.9	107	252	751	1709	2447	2952	3430	3854	4123
-25	0.33	0.31	0.30	0.40	2.67	8.30	15.2	24.9	40.9	71.3	149	345	1158	2334	3192	3760	4365	4945	5324
-20	0.33	0.31	0.30	0.44	3.43	9.60	17.0	27.9	47.2	85.1	177	477	1558	2858	3719	4367	5080	5818	6287
-15	0.33	0.32	0.31	0.47	4.03	10.6	18.6	30.7	53.2	99.4	206	562	1862	3142	3930	4576	5375	6244	6757
-10	0.33	0.32	0.32	0.49	4.47	11.3	19.8	33.2	58.2	110	237	734	2048	3223	3958	4600	5422	6344	6889
-5	0.33	0.33	0.32	0.51	4.75	11.8	20.5	34.8	62.6	123	256	834	2190	3227	3896	4522	5356	6258	6786
0	0.33	0.33	0.33	0.53	4.86	11.9	20.7	35.5	64.7	128	270	931	2370	3335	3966	4621	5534	6454	6811
5	0.33	0.33	0.33	0.53	4.82	11.8	20.7	35.3	64.2	127	268	915	2330	3342	4011	4669	5537	6397	6811
10	0.33	0.33	0.33	0.52	4.62	11.5	20.1	34.1	61.1	118	254	853	2251	3371	4075	4746	5598	6454	6936
15	0.33	0.33	0.34	0.50	4.24	10.9	19.0	31.9	56.6	108	225	675	2070	3287	4055	4720	5536	6367	6837
20	0.33	0.33	0.34	0.48	3.70	9.95	17.6	29.2	50.7	94.1	196	558	1747	3044	3865	4512	5264	5994	6410
25	0.33	0.33	0.34	0.45	2.99	8.75	15.8	26.3	44.1	78.3	157	400	1353	2556	3351	3948	4583	5199	5515
30	0.33	0.33	0.34	0.41	2.21	7.31	13.8	22.6	37.2	63.5	119	283	895	1891	2624	3141	3624	4100	4309
35	0.33	0.33	0.34	0.38	1.53	5.66	11.5	18.7	29.9	49.0	87.6	174	546	1217	1782	2170	2488	2777	2890
40	0.33	0.33	0.33	0.38	0.76	4.12	8.98	14.8	22.9	36.2	60.1	112	263	623	999	1195	1373	1489	1517
45	0.33	0.33	0.33	0.36	0.53	2.51	6.40	10.9	16.7	25.4	39.2	64.5	120	249	431	562	644	667	678
50	0.33	0.33	0.33	0.35	0.39	1.32	4.01	7.43	11.6	17.2	25.1	37.2	61.8	115	188	246	278	293	295
55	0.33	0.33	0.33	0.34	0.35	0.61	2.04	4.41	7.35	10.9	15.4	21.2	32.1	50.2	81.9	111	123	130	130
60	0.33	0.33	0.33	0.33	0.33	0.36	0.78	2.09	3.99	6.16	8.53	11.9	17.1	24.7	36.6	48.3	56.3	59.6	59.8
65	0.33	0.33	0.33	0.33	0.33	0.34	0.37	0.78	1.64	2.76	4.17	5.74	8.11	11.3	16.2	20.9	25.0	26.6	26.8
70	0.33	0.33	0.33	0.33	0.33	0.34	0.35	0.38	0.47	0.91	1.33	1.98	2.59	3.59	5.00	6.59	8.17	8.78	8.91
75	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.35	0.34	0.37	0.43	0.43	0.48	0.55	0.53	0.52	0.51	0.52	0.52
80	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.37	0.37	0.37	0.38	0.40
85	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.35	0.35	0.35	0.36	0.37	0.37	0.37	0.37	0.38	0.38	0.38
90	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.41	0.42	0.42	0.42	0.42

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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

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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	0.33	0.33	0.32	0.31	0.30	0.30	0.28	0.26	0.25	0.24	0.23	0.22	0.22	0.22	0.22	0.22	0.22	0.22	
-85	0.34	0.35	0.33	0.32	0.32	0.32	0.29	0.27	0.26	0.26	0.24	0.22	0.22	0.22	0.22	0.22	0.22	0.22	
-80	0.49	0.50	0.47	0.45	0.44	0.43	0.38	0.33	0.31	0.30	0.26	0.22	0.23	0.23	0.22	0.22	0.22	0.22	
-75	0.82	0.81	0.83	0.82	0.83	0.74	0.64	0.56	0.45	0.38	0.31	0.26	0.24	0.23	0.22	0.22	0.22	0.22	
-70	8.22	7.91	6.80	5.51	4.08	3.07	2.44	1.71	1.12	0.61	0.41	0.31	0.27	0.25	0.22	0.22	0.22	0.22	
-65	25.4	24.4	21.3	17.1	12.1	8.90	6.51	4.78	3.14	1.83	0.88	0.40	0.32	0.27	0.23	0.22	0.22	0.22	
-60	57.2	55.0	49.0	38.0	25.8	18.2	12.9	9.36	6.68	4.28	2.19	0.83	0.38	0.29	0.23	0.22	0.22	0.22	
-55	125	120	109	79.3	51.4	33.3	22.4	16.2	11.4	7.75	4.56	1.97	0.60	0.32	0.25	0.22	0.22	0.22	
-50	279	271	249	178	111	63.0	38.2	25.7	17.6	12.0	7.62	3.81	1.18	0.37	0.26	0.23	0.22	0.22	
-45	627	605	546	432	267	124	65.6	39.4	25.7	17.1	11.1	6.12	2.19	0.48	0.27	0.23	0.22	0.22	
-40	1385	1325	1184	1000	619	285	120	61.8	36.4	23.1	14.8	8.76	3.65	0.67	0.29	0.23	0.22	0.22	
-35	2655	2468	2165	1799	1297	535	167	88.2	49.1	29.7	18.5	11.3	5.09	1.30	0.31	0.24	0.23	0.22	
-30	4029	3696	3171	2674	1972	967	276	118	62.9	36.5	22.1	13.6	6.87	1.84	0.34	0.25	0.23	0.22	
-25	5201	4720	4027	3394	2643	1368	389	152	76.6	42.8	25.7	15.6	8.41	2.49	0.38	0.26	0.23	0.22	
-20	6124	5507	4652	3908	3124	1782	515	184	90.4	49.1	28.5	17.4	9.65	3.10	0.41	0.27	0.23	0.22	
-15	6599	5839	4861	4080	3362	2059	572	207	104	54.8	31.0	18.8	10.6	3.56	0.43	0.27	0.23	0.22	
-10	6711	5880	4852	4063	3389	2200	730	230	113	58.8	32.9	19.7	11.2	3.87	0.44	0.28	0.23	0.22	
-5	6612	5728	4702	3964	3342	2261	795	239	120	61.2	33.9	20.1	11.5	4.03	0.44	0.28	0.23	0.22	
0	6503	5594	4591	3884	3309	2230	898	237	119	61.1	33.8	20.1	11.5	4.03	0.44	0.28	0.23	0.22	
5	6635	5808	4778	4003	3387	2367	879	249	123	62.3	34.2	20.2	11.5	4.08	0.46	0.29	0.24	0.22	
10	6748	5971	4954	4155	3492	2385	867	250	119	60.7	33.4	19.8	11.3	3.98	0.47	0.29	0.24	0.22	
15	6655	5932	4978	4193	3480	2281	729	231	113	57.4	31.7	18.9	10.7	3.72	0.47	0.29	0.24	0.22	
20	6232	5620	4779	4048	3295	2013	724	214	98.8	52.1	29.4	17.6	9.83	3.30	0.46	0.29	0.25	0.22	
25	5379	4871	4215	3567	2853	1623	495	173	83.5	45.8	26.8	16.0	8.71	2.73	0.43	0.29	0.25	0.22	
30	4232	3853	3363	2842	2154	1113	344	132	68.3	39.0	23.2	14.0	7.26	2.09	0.39	0.30	0.25	0.22	
35	2863	2636	2327	1976	1443	643	205	98.0	52.9	31.5	19.4	11.8	5.59	1.50	0.36	0.30	0.25	0.22	
40	1530	1445	1286	1107	715	335	132	66.7	39.2	24.4	15.5	9.33	4.12	0.82	0.35	0.30	0.26	0.22	
45	684	676	601	482	296	143	79.2	43.3	27.6	18.0	11.6	6.74	2.52	0.58	0.34	0.30	0.26	0.22	
50	300	292	265	200	133	76.7	42.1	27.8	18.8	12.7	8.10	4.28	1.42	0.38	0.33	0.30	0.26	0.22	
55	132	128	117	87.0	59.1	37.1	23.9	17.3	12.2	8.24	4.97	2.26	0.70	0.33	0.32	0.30	0.26	0.22	
60	60.6	58.6	52.5	41.2	28.7	20.0	13.7	9.85	7.13	4.67	2.48	0.98	0.35	0.32	0.32	0.31	0.26	0.22	
65	27.1	26.3	23.1	18.7	13.3	9.70	6.89	5.03	3.42	2.07	1.00	0.39	0.33	0.32	0.32	0.31	0.26	0.22	
70	9.20	8.99	7.69	6.20	4.54	3.30	2.54	1.78	1.20	0.64	0.41	0.34	0.32	0.32	0.32	0.31	0.26	0.22	
75	0.55	0.57	0.63	0.66	0.67	0.57	0.51	0.51	0.40	0.33	0.33	0.33	0.32	0.32	0.32	0.31	0.26	0.22	
80	0.38	0.37	0.37	0.37	0.36	0.35	0.35	0.35	0.34	0.33	0.33	0.32	0.32	0.32	0.32	0.31	0.26	0.22	
85	0.38	0.38	0.37	0.36	0.36	0.35	0.35	0.34	0.34	0.34	0.33	0.32	0.32	0.32	0.32	0.31	0.26	0.22	
90	0.42	0.42	0.41	0.39	0.39	0.39	0.37	0.35	0.35	0.35	0.34	0.32	0.32	0.32	0.32	0.31	0.26	0.22	

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