

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	649.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	160.7V x 155.5H
	At 50% of Imax	102.3V x 100.3H
	At 90% of Imax	42.0V x 42.1H

Beam Flux	Total	1663.6 lumens per klm.
	To 10% of Imax	1629.8 lumens per klm.
	To 50% of Imax	1107.4 lumens per klm.
	To 90% of Imax	254.5 lumens per klm.

Upward LOR	0.0 %
Downward LOR	166.4 %

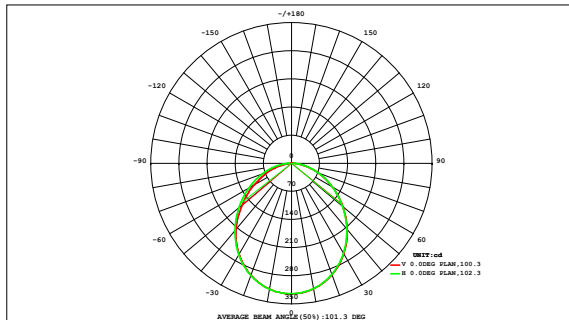
Luminaire Efficiency (Light Output Ratio)	166.3 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 01 August 2022

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:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 955LED101T/BL	TYPE: 955LED101T/BL	WEIGHT: 0.431
SPEC.:	DIM.: 0.600 x 0.150	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL	955LED101T/BL	Imax (cd)	324.9
NOMINAL POWER(W)	9	AVAILABILITY (%)	162.9
RATED VOLTAGE (V)	230	Avai. FLUX(lm)	814.4
NOMINAL FLUX(lm)	500	LOR(%)	166.3
LAMPS INSIDE	1	TOTAL FLUX(lm)	831.6
TEST VOLTAGE (V)	230	θ @50% (H,V)	100,102DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.03	0.08	0.14	0.22	0.34	0.44	0.51	0.56	0.56	0.52	0.44	0.34	0.22	0.12	0.06	0.02	0.00	4.61	0.29
90	0.01	0.08	0.24	0.48	0.78	1.10	1.39	1.60	1.71	1.69	1.54	1.31	1.02	0.71	0.43	0.20	0.05	0.00	14.3	12.2
80	0.02	0.14	0.42	0.86	1.39	1.94	2.45	2.82	3.01	2.99	2.76	2.35	1.82	1.25	0.75	0.36	0.10	0.01	25.4	24.7
70	0.03	0.21	0.62	1.24	2.01	2.81	3.56	4.12	4.43	4.40	4.06	3.47	2.68	1.84	1.10	0.52	0.13	0.01	37.2	36.8
60	0.03	0.26	0.80	1.61	2.60	3.68	4.69	5.46	5.88	5.86	5.40	4.61	3.56	2.44	1.44	0.69	0.16	0.01	49.2	48.9
50	0.04	0.32	0.96	1.93	3.15	4.49	5.76	6.74	7.28	7.25	6.68	5.69	4.41	3.00	1.77	0.84	0.22	0.01	60.5	60.3
40	0.04	0.36	1.09	2.20	3.62	5.18	6.67	7.83	8.45	8.43	7.78	6.62	5.12	3.49	2.05	0.95	0.27	0.01	70.1	70.0
30	0.05	0.39	1.18	2.38	3.94	5.67	7.32	8.59	9.29	9.26	8.57	7.30	5.65	3.85	2.24	1.03	0.30	0.01	77.0	76.9
20	0.05	0.41	1.22	2.48	4.11	5.92	7.64	8.97	9.70	9.70	8.98	7.66	5.92	4.03	2.34	1.08	0.32	0.01	80.5	80.4
10	0.05	0.41	1.22	2.48	4.11	5.92	7.63	8.97	9.69	9.68	8.98	7.65	5.92	4.03	2.34	1.08	0.32	0.01	80.5	80.3
0	0.05	0.39	1.18	2.38	3.93	5.65	7.29	8.56	9.23	9.21	8.53	7.27	5.63	3.83	2.24	1.03	0.30	0.01	76.7	76.6
-10	0.04	0.36	1.09	2.19	3.59	5.15	6.62	7.76	8.36	8.33	7.71	6.57	5.09	3.46	2.03	0.95	0.27	0.01	69.6	69.4
-20	0.04	0.32	0.96	1.91	3.13	4.44	5.69	6.65	7.15	7.12	6.59	5.62	4.35	2.97	1.75	0.83	0.22	0.01	59.7	59.5
-30	0.03	0.26	0.79	1.59	2.57	3.62	4.60	5.35	5.73	5.70	5.29	4.52	3.50	2.40	1.42	0.68	0.17	0.01	48.2	48.0
-40	0.02	0.20	0.60	1.22	1.96	2.74	3.45	4.00	4.26	4.24	3.94	3.37	2.62	1.80	1.08	0.51	0.13	0.01	36.2	35.7
-50	0.02	0.14	0.41	0.83	1.34	1.87	2.34	2.69	2.85	2.83	2.63	2.25	1.76	1.22	0.74	0.35	0.10	0.01	24.3	23.6
-60	0.01	0.08	0.23	0.45	0.72	1.02	1.29	1.48	1.56	1.54	1.42	1.22	0.96	0.68	0.41	0.20	0.06	0.01	13.3	10.7
-70	0.00	0.03	0.07	0.13	0.20	0.28	0.37	0.43	0.45	0.46	0.45	0.38	0.30	0.22	0.13	0.06	0.02	0.00	3.98	0.00
-80	0.00	0.03	0.07	0.13	0.20	0.28	0.37	0.43	0.45	0.46	0.45	0.38	0.30	0.22	0.13	0.06	0.02	0.00	3.98	0.00
-90	0.00	0.03	0.07	0.13	0.20	0.28	0.37	0.43	0.45	0.46	0.45	0.38	0.30	0.22	0.13	0.06	0.02	0.00	3.98	0.00
HORIZONTAL (DEG)																				
Φ t	0.53	4.38	13.2	26.5	43.4	61.8	79.2	92.5	99.6	99.3	91.8	78.3	60.7	41.4	24.4	11.4	3.15	0.14	832	---
Φ a	0.00	3.11	12.1	25.5	42.4	60.9	78.3	91.6	98.7	98.3	90.8	77.3	59.6	40.4	23.3	10.2	1.71	0.00	---	814

one-half-peak spread: U:51.0,D:52.0 , L:51.2,R:49.7

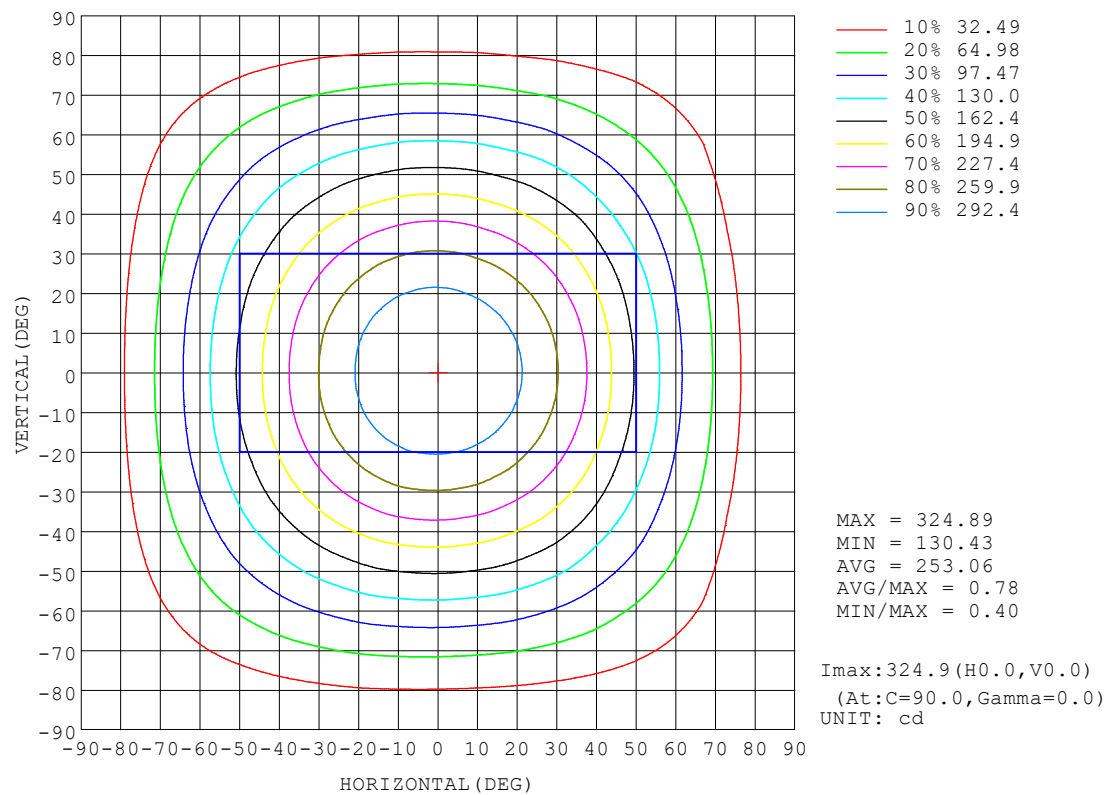
NEMA Beam Type: Type 7

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:01 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:

ISOCANDELA DIAGRAM

NAME: 955LED101T/BL	TYPE: 955LED101T/BL	WEIGHT: 0.431
SPEC.:	DIM.: 0.600 x 0.150	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:

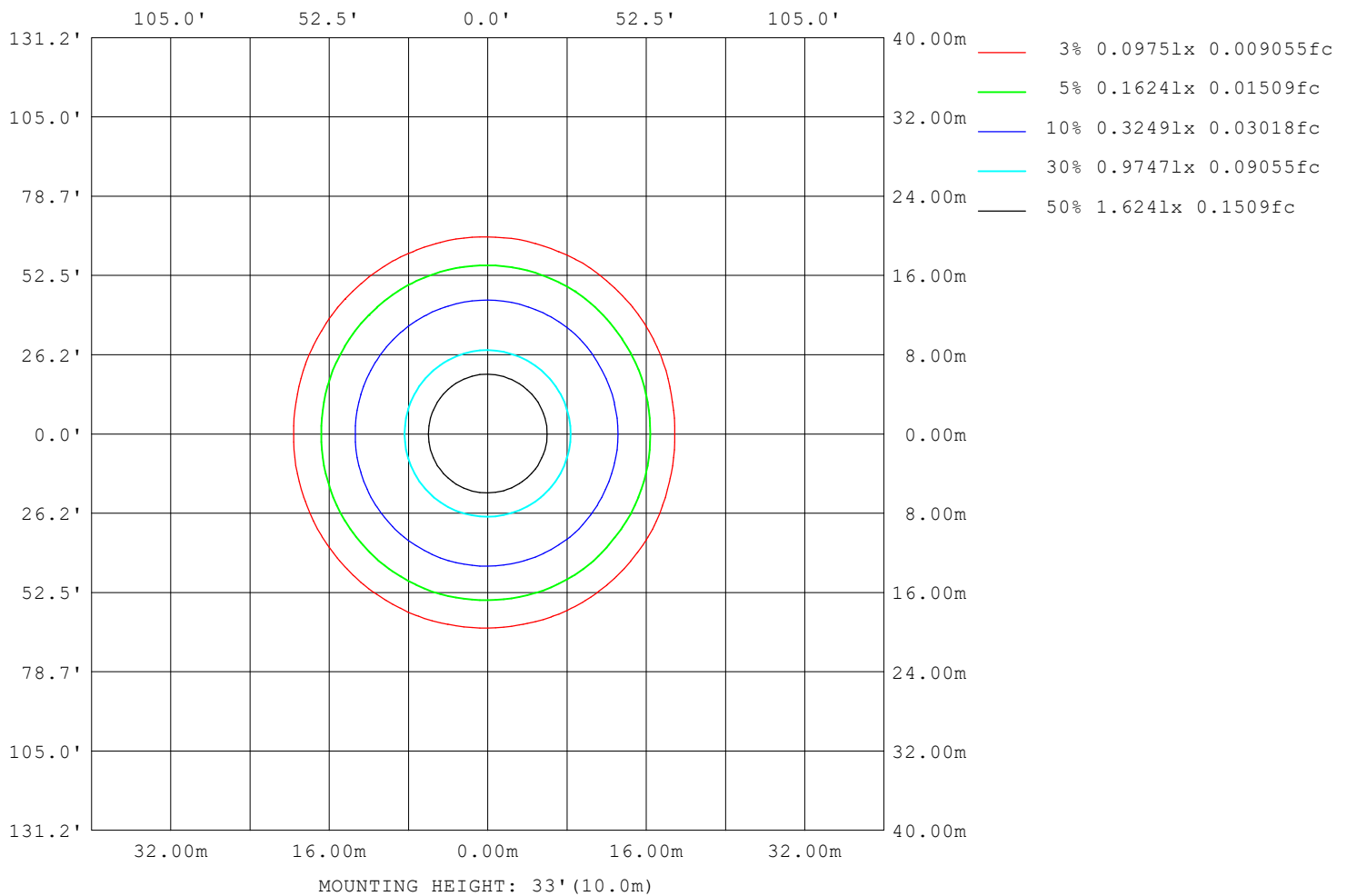


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:01 August 2022

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:

ISOLUX DIAGRAM

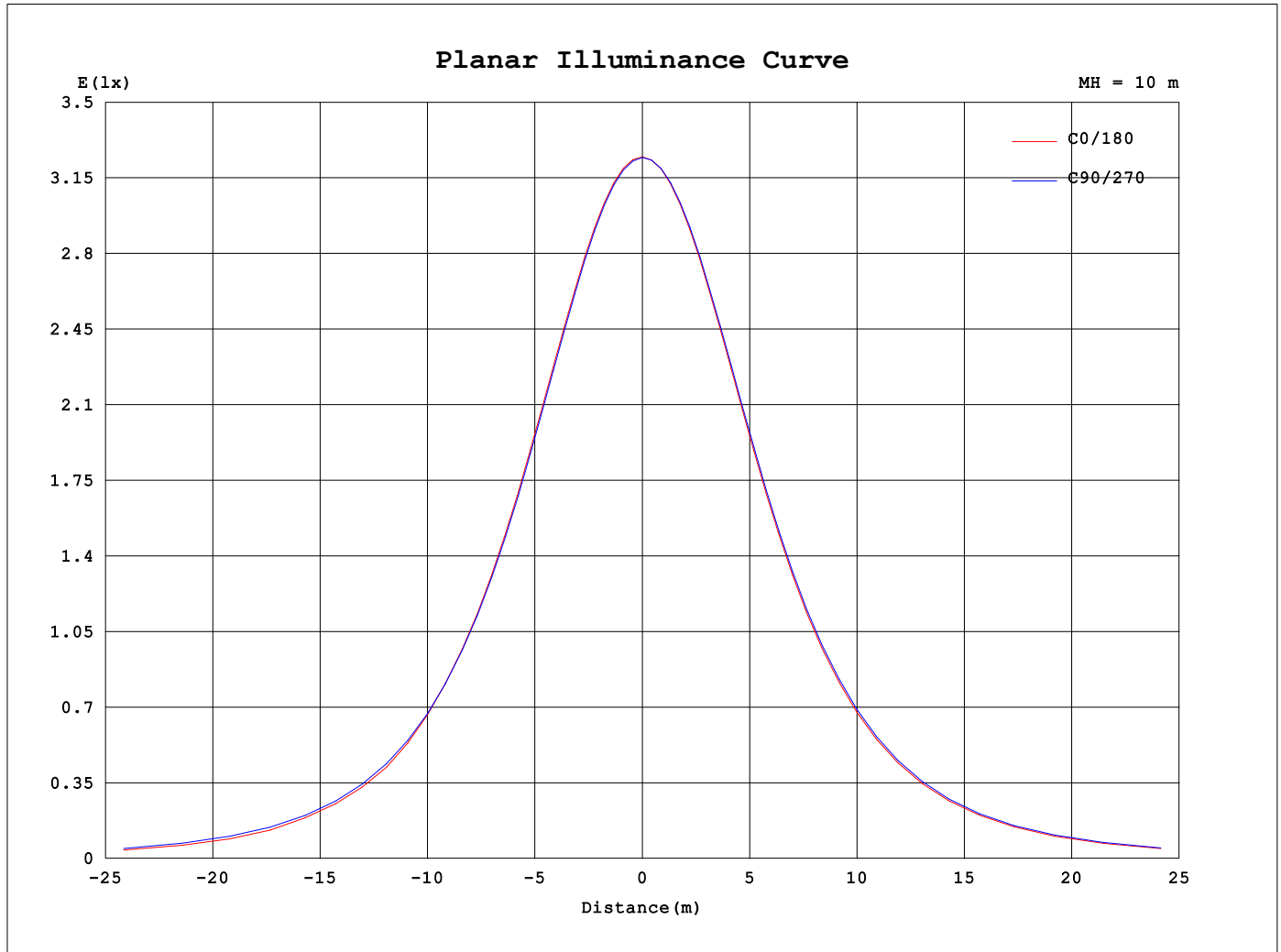
NAME: 955LED101T/BL	TYPE: 955LED101T/BL	WEIGHT: 0.431
SPEC.:	DIM.: 0.600 x 0.150	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 01 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:

Planar Illuminance Curve

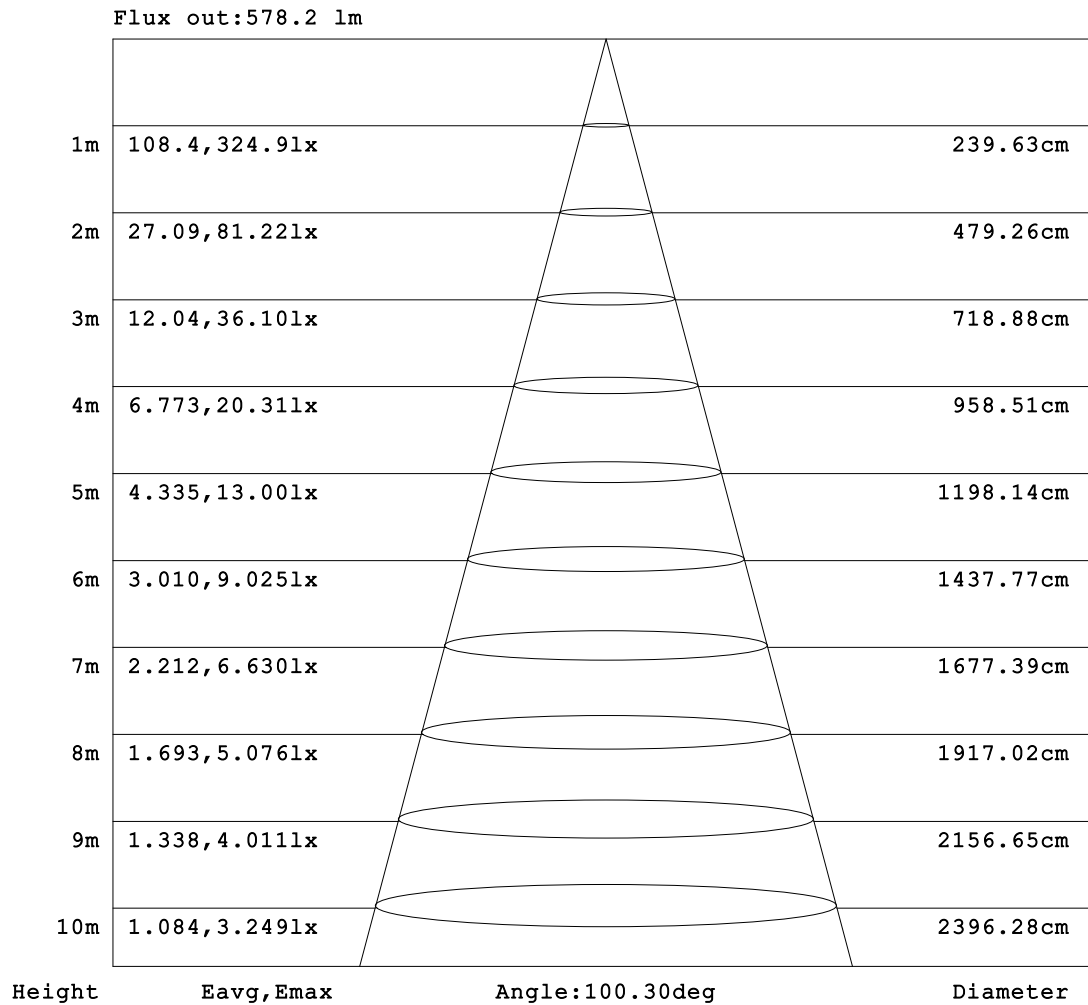


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 01 August 2022

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:

AAI Figure

NAME: 955LED101T/BL	TYPE: 955LED101T/BL	WEIGHT: 0.431
SPEC.:	DIM.: 0.600 x 0.150	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:



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

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:01 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: 955LED101T/BL	TYPE: 955LED101T/BL	WEIGHT: 0.431
SPEC.:	DIM.: 0.600 x 0.150	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	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	0.61	0.64	0.66	0.67	0.67	0.66	0.65	0.58	0.50	1.33	2.16	2.61	3.07	3.31	3.55	3.45	3.34	3.46	3.58
-85	0.61	1.45	2.32	3.20	4.09	5.09	6.13	6.81	7.25	8.34	9.29	10.3	11.2	12.0	12.7	13.2	13.6	13.7	13.7
-80	0.61	2.26	3.97	5.78	8.28	10.8	13.2	15.2	17.5	20.3	22.8	24.4	26.0	28.2	30.2	31.1	31.7	31.9	31.7
-75	0.61	3.06	5.67	9.43	13.1	17.4	21.6	25.5	29.2	33.2	37.4	41.0	44.1	46.7	48.8	50.1	50.8	51.1	50.9
-70	0.61	3.84	8.06	13.0	18.6	24.2	29.7	35.8	41.7	47.7	53.1	57.8	61.8	65.3	68.3	70.3	71.4	72.0	71.9
-65	0.61	4.59	10.4	17.0	23.9	30.9	38.9	47.2	54.9	62.1	68.8	74.9	80.1	84.7	88.8	91.5	93.0	93.9	94.0
-60	0.61	5.31	12.6	20.9	29.0	38.3	48.7	58.6	67.8	76.5	84.8	92.4	98.9	105	110	114	116	117	117
-55	0.61	6.37	15.1	24.5	34.5	46.1	58.2	69.6	80.5	90.8	101	110	118	125	132	136	139	141	141
-50	0.61	7.38	17.3	28.0	39.8	53.7	67.1	80.3	92.9	105	117	128	138	146	154	160	163	165	165
-45	0.61	8.32	19.5	31.4	45.6	60.8	75.7	90.4	105	119	132	145	157	167	175	183	187	189	190
-40	0.61	9.18	21.4	34.7	50.9	67.4	83.6	100	117	133	148	162	176	187	197	205	211	213	214
-35	0.61	9.95	23.2	37.6	55.7	73.3	91.0	109	127	145	162	178	193	207	218	227	233	236	237
-30	0.61	10.6	24.7	40.6	59.9	78.7	97.8	117	137	157	176	193	210	225	237	247	254	258	259
-25	0.61	11.2	26.0	43.3	63.4	83.4	104	125	146	167	187	207	225	241	254	265	273	277	278
-20	0.61	11.7	27.1	45.5	66.3	87.3	109	131	153	175	197	218	237	254	269	280	288	293	294
-15	0.61	12.1	28.0	47.2	68.6	90.3	113	136	159	182	205	227	247	265	280	292	301	306	307
-10	0.61	12.4	28.6	48.4	70.2	92.4	116	139	164	188	211	234	255	273	289	301	310	315	317
-5	0.61	12.5	29.0	49.0	71.1	93.6	117	141	166	191	215	238	259	278	294	306	315	321	322
0	0.61	12.6	29.1	49.2	71.3	93.9	117	142	167	191	216	239	260	279	295	308	317	323	325
5	0.61	12.5	29.0	49.1	71.1	93.6	117	141	166	191	215	238	259	278	294	306	316	321	323
10	0.61	12.4	28.6	48.4	70.2	92.3	115	139	163	188	211	234	255	274	289	302	311	316	318
15	0.61	12.1	28.0	47.2	68.6	90.2	113	136	159	183	206	228	248	266	281	293	302	308	309
20	0.61	11.8	27.2	45.6	66.4	87.2	109	131	154	176	198	219	238	256	270	282	290	295	297
25	0.61	11.3	26.1	43.4	63.5	83.5	104	125	147	168	188	208	226	243	256	267	275	280	281
30	0.61	10.7	24.8	40.7	60.0	79.1	98.5	118	138	158	177	195	212	227	240	250	257	262	263
35	0.61	10.0	23.3	37.8	55.9	73.9	92.0	110	128	146	164	181	196	209	221	230	237	241	242
40	0.61	9.25	21.6	34.9	51.4	68.1	84.7	101	118	134	150	165	178	190	201	209	215	218	219
45	0.61	8.39	19.6	31.6	46.2	61.7	76.8	91.6	106	121	135	148	159	170	179	186	191	195	195
50	0.61	7.46	17.5	28.3	40.7	54.8	68.3	81.5	94.4	107	119	130	141	150	157	163	168	170	171
55	0.61	6.44	15.3	24.9	35.4	47.3	59.3	70.9	82.3	93.2	103	113	121	129	135	140	144	146	146
60	0.61	5.37	12.9	21.3	29.9	39.6	49.9	60.0	69.7	78.9	87.4	95.2	102	109	114	118	121	122	123
65	0.61	4.64	10.6	17.5	24.8	32.1	40.3	48.8	57.0	64.6	71.5	77.9	83.8	88.6	92.5	95.8	98.4	99.4	99.4
70	0.61	3.88	8.25	13.6	19.5	25.3	31.0	37.5	44.0	50.2	55.7	60.8	65.4	69.2	72.2	74.7	76.6	77.3	77.4
75	0.61	3.09	5.81	9.89	14.0	18.4	22.8	27.1	31.4	35.8	40.0	44.1	47.7	50.4	52.6	54.4	55.7	56.2	56.1
80	0.61	2.28	4.06	6.14	8.96	11.7	14.3	16.7	19.3	22.4	25.2	27.6	30.0	31.9	33.6	35.0	36.1	36.4	36.3
85	0.61	1.45	2.36	3.37	4.47	5.75	7.12	7.88	8.49	9.76	10.9	12.2	13.4	14.3	15.0	15.9	16.9	16.9	16.8
90	0.61	0.62	0.63	0.63	0.62	0.64	0.66	0.53	0.40	1.36	2.32	3.17	4.03	4.44	4.86	5.00	5.14	5.20	5.26

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C Interval: 10.0DEG
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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: 955LED101T/BL	TYPE: 955LED101T/BL	WEIGHT: 0.431
SPEC.:	DIM.: 0.600 x 0.150	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	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	3.58	3.59	3.45	3.30	3.23	3.15	2.76	2.36	1.78	1.19	0.84	0.49	0.50	0.50	0.55	0.60	0.56	0.51	
-85	14.2	14.6	14.4	14.0	13.3	12.5	11.7	10.7	9.58	8.35	7.10	5.83	4.76	3.75	2.74	1.88	0.88	0.51	
-80	31.3	30.6	29.9	28.8	27.3	25.6	23.9	21.9	19.8	17.5	15.1	12.6	10.0	7.53	4.92	3.12	1.20	0.51	
-75	50.4	49.4	48.2	46.4	44.0	41.2	38.1	34.8	31.2	27.4	23.5	19.5	15.5	11.7	7.51	4.30	1.49	0.51	
-70	71.3	70.0	68.2	65.7	62.3	58.2	53.7	48.7	43.5	38.0	32.5	26.8	21.1	15.5	9.91	5.50	1.76	0.51	
-65	93.2	91.6	89.4	86.1	81.5	76.3	70.4	63.5	56.3	49.2	41.9	34.4	26.9	19.1	11.7	6.54	1.99	0.51	
-60	116	114	111	107	102	94.9	87.6	78.8	69.5	60.8	51.9	42.3	33.2	22.5	13.2	7.39	2.18	0.51	
-55	140	138	134	129	122	114	105	94.7	83.4	72.2	61.7	50.9	39.3	26.8	15.0	7.71	2.35	0.51	
-50	164	161	157	151	143	134	123	110	97.7	83.7	71.2	59.2	45.8	31.2	16.3	7.84	2.46	0.51	
-45	189	185	180	173	164	154	141	125	112	96.7	80.4	66.7	52.9	36.1	18.5	7.80	2.50	0.51	
-40	213	209	203	195	185	173	158	141	125	109	89.8	73.8	58.7	41.2	21.5	7.78	2.49	0.51	
-35	236	232	225	216	204	191	175	157	137	119	98.9	80.4	64.1	46.1	24.9	8.25	2.42	0.51	
-30	257	253	245	235	223	208	191	171	149	129	108	86.3	68.8	50.5	28.6	8.61	2.28	0.51	
-25	276	271	263	253	239	223	205	184	160	138	116	91.5	72.8	54.0	31.9	8.85	2.10	0.51	
-20	292	287	279	267	253	236	217	194	170	145	123	96.5	76.1	56.9	34.7	8.97	1.86	0.51	
-15	305	300	291	280	265	247	226	203	178	152	128	101	78.9	59.1	36.8	8.93	1.59	0.51	
-10	315	309	301	289	273	254	233	210	184	156	132	104	80.8	60.8	38.3	8.73	1.28	0.51	
-5	321	315	306	294	278	260	238	214	187	159	134	106	82.0	61.8	39.2	8.35	0.95	0.51	
0	323	318	309	296	280	261	240	215	188	159	135	106	82.4	62.1	39.6	7.77	0.61	0.51	
5	321	316	307	294	279	260	238	214	187	159	134	106	82.0	61.9	39.3	8.21	0.89	0.51	
10	316	310	301	289	274	255	234	210	184	156	132	104	80.9	60.9	38.4	8.47	1.15	0.51	
15	307	301	292	281	265	248	227	204	178	152	128	101	79.0	59.2	36.9	8.57	1.39	0.51	
20	294	289	280	269	254	237	218	196	171	146	124	96.6	76.2	57.0	34.7	8.55	1.59	0.51	
25	279	273	266	254	241	225	206	185	162	139	117	91.9	72.9	54.2	31.8	8.44	1.75	0.51	
30	261	255	248	238	225	210	192	172	150	130	110	86.8	69.0	50.8	28.2	8.26	1.85	0.51	
35	240	235	228	219	207	193	177	159	138	121	100	80.8	64.4	46.5	24.1	8.03	1.89	0.51	
40	217	213	206	198	188	175	161	144	126	110	91.0	74.3	59.1	41.7	20.3	7.78	1.86	0.51	
45	194	190	184	177	168	156	143	128	113	98.0	81.8	67.3	53.3	36.3	17.2	7.67	1.77	0.51	
50	170	166	161	155	147	137	125	112	99.8	85.9	72.1	59.8	46.1	31.0	15.3	7.40	1.60	0.51	
55	145	143	138	133	126	117	107	96.8	85.4	73.5	62.7	51.5	39.6	26.5	14.5	6.88	1.37	0.51	
60	122	120	116	111	106	98.2	89.9	80.9	71.2	62.1	52.9	42.8	33.6	22.2	13.3	6.12	1.08	0.51	
65	98.7	96.9	93.8	89.9	85.2	79.5	72.8	65.4	57.9	50.6	42.8	35.0	27.2	19.2	11.2	4.91	1.01	0.51	
70	76.6	75.2	72.6	69.5	65.8	61.5	56.2	50.6	45.2	39.4	33.4	27.3	21.5	15.3	8.78	3.48	0.92	0.51	
75	55.5	54.4	52.4	50.0	47.4	44.4	40.5	36.6	32.8	28.8	24.4	20.0	15.6	10.9	6.11	1.88	0.83	0.51	
80	35.8	35.0	33.5	31.8	30.3	28.5	26.1	23.5	21.2	18.7	15.8	12.8	9.58	6.80	3.31	1.35	0.72	0.51	
85	17.4	17.9	17.1	16.2	15.4	14.5	13.1	11.5	9.73	7.72	6.18	4.73	4.02	3.28	1.86	0.91	0.60	0.51	
90	5.08	4.89	4.58	4.27	3.86	3.44	2.79	2.14	1.31	0.48	0.45	0.42	0.41	0.41	0.43	0.46	0.49	0.51	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:01 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: