

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	272.7 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	281.4V x 161.1H
	At 50% of Imax	130.6V x 108.7H
	At 90% of Imax	58.4V x 45.0H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	967.8 lumens per klm.
	To 50% of Imax	628.6 lumens per klm.
	To 90% of Imax	152.1 lumens per klm.

Upward LOR	13.8 %
Downward LOR	86.3 %

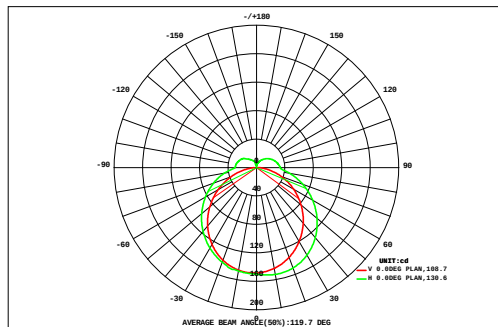
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-15

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: Maya-square Acrylic-900mm-RGBW ALL-110 130D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110x130 DEG	DIM.: 900mm	SERIAL No.: IES001492
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff: 24.21lm/W	
MODEL	MAYA.09.14(30)	Imax(cd)	152.5
NOMINAL POWER(W)	23.1	AVAILABILITY(%)	93.4
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	522.4
NOMINAL FLUX(lm)	559.2	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	559.2
TEST VOLTAGE(V)	221.3	q @50%(H,V)	109,131DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm			F t	F a
	0.02	0.07	0.16	0.28	0.44	0.62	0.80	0.97	1.11	1.11	0.97	0.80	0.61	0.43	0.27	0.14	0.05	0.01	8.88	8.24	
	0.02	0.08	0.22	0.44	0.70	0.99	1.28	1.53	1.71	1.71	1.52	1.28	0.99	0.70	0.44	0.22	0.08	0.01	13.9	13.6	
	0.02	0.11	0.32	0.63	1.02	1.42	1.81	2.14	2.37	2.37	2.13	1.80	1.41	1.01	0.63	0.32	0.11	0.01	19.6	19.5	
	0.02	0.14	0.42	0.82	1.32	1.84	2.33	2.73	3.00	2.99	2.71	2.30	1.81	1.30	0.81	0.42	0.14	0.02	25.1	25.0	
	0.02	0.17	0.51	1.00	1.59	2.21	2.79	3.26	3.57	3.56	3.23	2.75	2.17	1.55	0.97	0.50	0.17	0.02	30.1	30.0	
	0.02	0.20	0.58	1.14	1.81	2.52	3.18	3.71	4.04	4.02	3.66	3.12	2.46	1.76	1.11	0.57	0.20	0.02	34.1	34.1	
	0.02	0.21	0.63	1.24	1.98	2.76	3.47	4.03	4.37	4.35	3.97	3.39	2.68	1.92	1.20	0.61	0.21	0.02	37.1	37.0	
	0.03	0.22	0.66	1.30	2.08	2.89	3.64	4.20	4.53	4.51	4.14	3.54	2.80	2.00	1.25	0.64	0.22	0.03	38.7	38.6	
	0.03	0.23	0.67	1.32	2.10	2.93	3.67	4.23	4.53	4.50	4.15	3.56	2.81	2.01	1.26	0.64	0.22	0.03	38.9	38.8	
	0.03	0.23	0.66	1.31	2.09	2.91	3.64	4.19	4.48	4.45	4.11	3.52	2.79	2.00	1.25	0.64	0.22	0.03	38.5	38.5	
	0.03	0.22	0.65	1.28	2.04	2.83	3.54	4.07	4.37	4.35	4.01	3.44	2.73	1.96	1.24	0.63	0.22	0.03	37.7	37.6	
	0.02	0.21	0.62	1.21	1.92	2.66	3.32	3.82	4.10	4.08	3.77	3.24	2.58	1.86	1.17	0.60	0.21	0.02	35.5	35.4	
	0.02	0.19	0.57	1.11	1.75	2.41	3.01	3.46	3.73	3.71	3.42	2.95	2.35	1.70	1.08	0.56	0.19	0.02	32.2	32.2	
	0.02	0.17	0.50	0.96	1.52	2.10	2.62	3.02	3.26	3.25	2.99	2.58	2.05	1.49	0.94	0.49	0.17	0.02	28.2	28.1	
	0.02	0.14	0.41	0.80	1.26	1.74	2.18	2.52	2.74	2.74	2.50	2.15	1.71	1.24	0.79	0.41	0.14	0.02	23.5	23.4	
	0.02	0.11	0.32	0.62	0.98	1.35	1.71	1.99	2.19	2.19	1.99	1.69	1.34	0.97	0.61	0.32	0.11	0.01	18.5	18.4	
	0.01	0.08	0.22	0.43	0.69	0.96	1.23	1.46	1.63	1.63	1.45	1.22	0.96	0.69	0.43	0.22	0.08	0.01	13.4	13.1	
	0.01	0.07	0.15	0.27	0.43	0.60	0.77	0.94	1.08	1.08	0.94	0.77	0.59	0.42	0.26	0.14	0.05	0.01	8.57	7.87	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
F t	0.36	2.85	8.25	16.2	25.7	35.7	45.0	52.3	56.8	56.6	51.7	44.1	34.9	25.0	15.7	8.07	2.81	0.34	482	---	
F a	0.00	2.34	7.84	16.0	25.7	35.7	45.0	52.3	56.8	56.6	51.7	44.1	34.9	25.0	15.5	7.70	2.35	0.02	---	479	

one-half-peak spread: U:50.7,D:54.7 , L:53.9,R:55.4

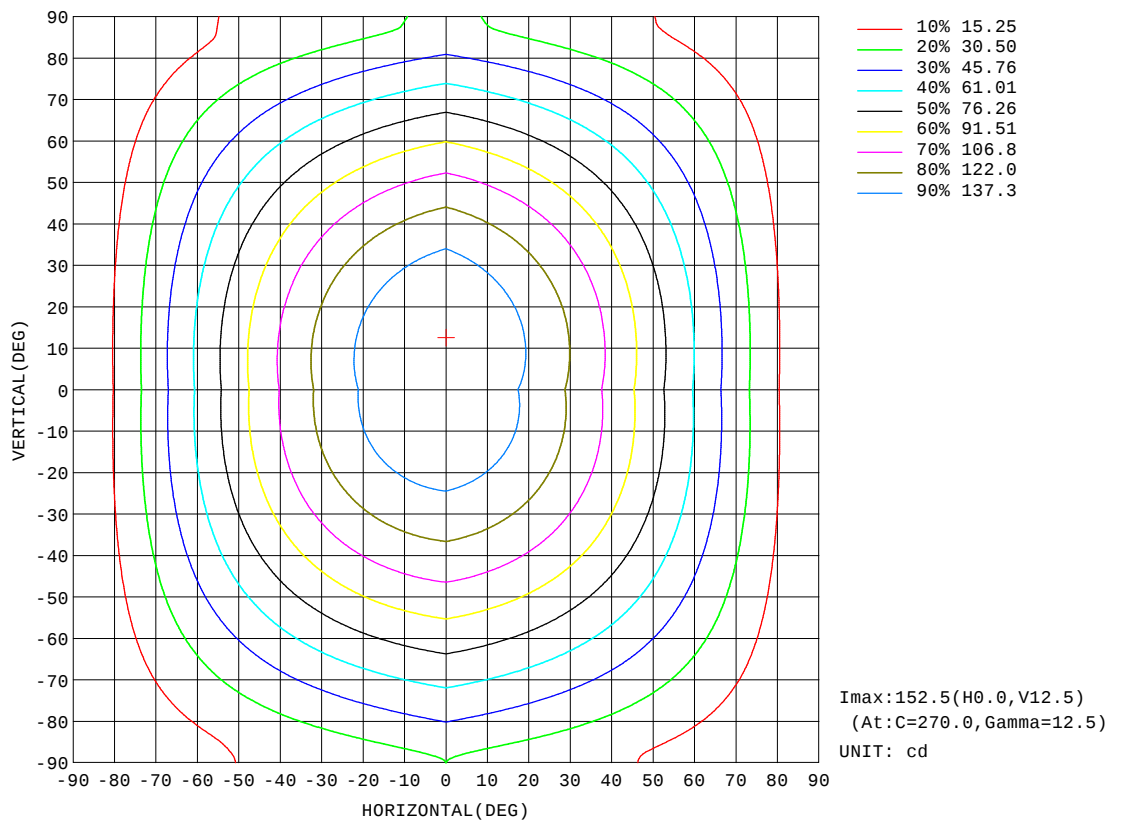
NEMA Beam Type: Type 7

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-08-15

V(B) Range: -180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 8.630m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: Maya-square Acrylic-900mm-RGBW ALL-110 130D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110x130 DEG	DIM.: 900mm	SERIAL No.: IES001492
MFR.:	SUR.:	Shielding Angle:

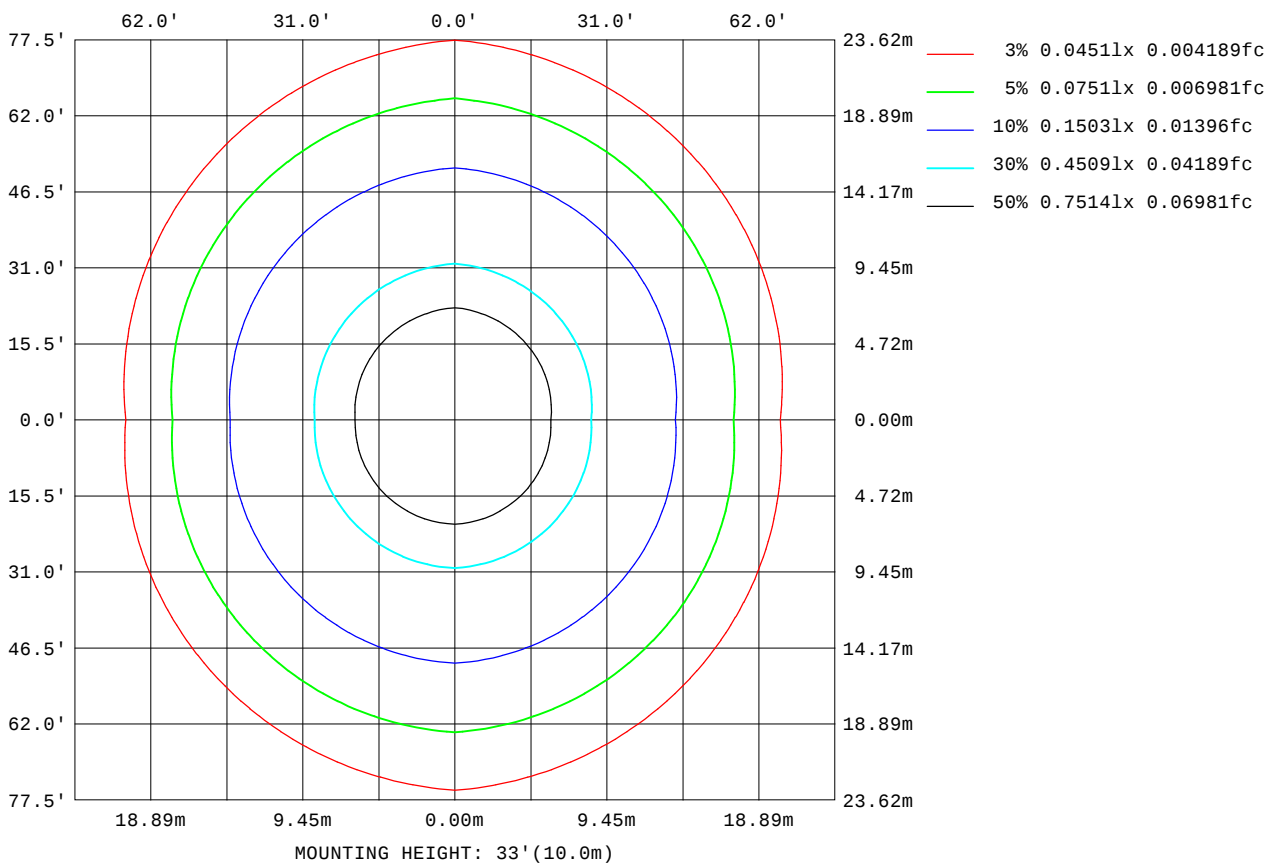


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Temperature: 25.3DEG
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Humidity: 65.0%
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Remarks:

ISOLUX DIAGRAM

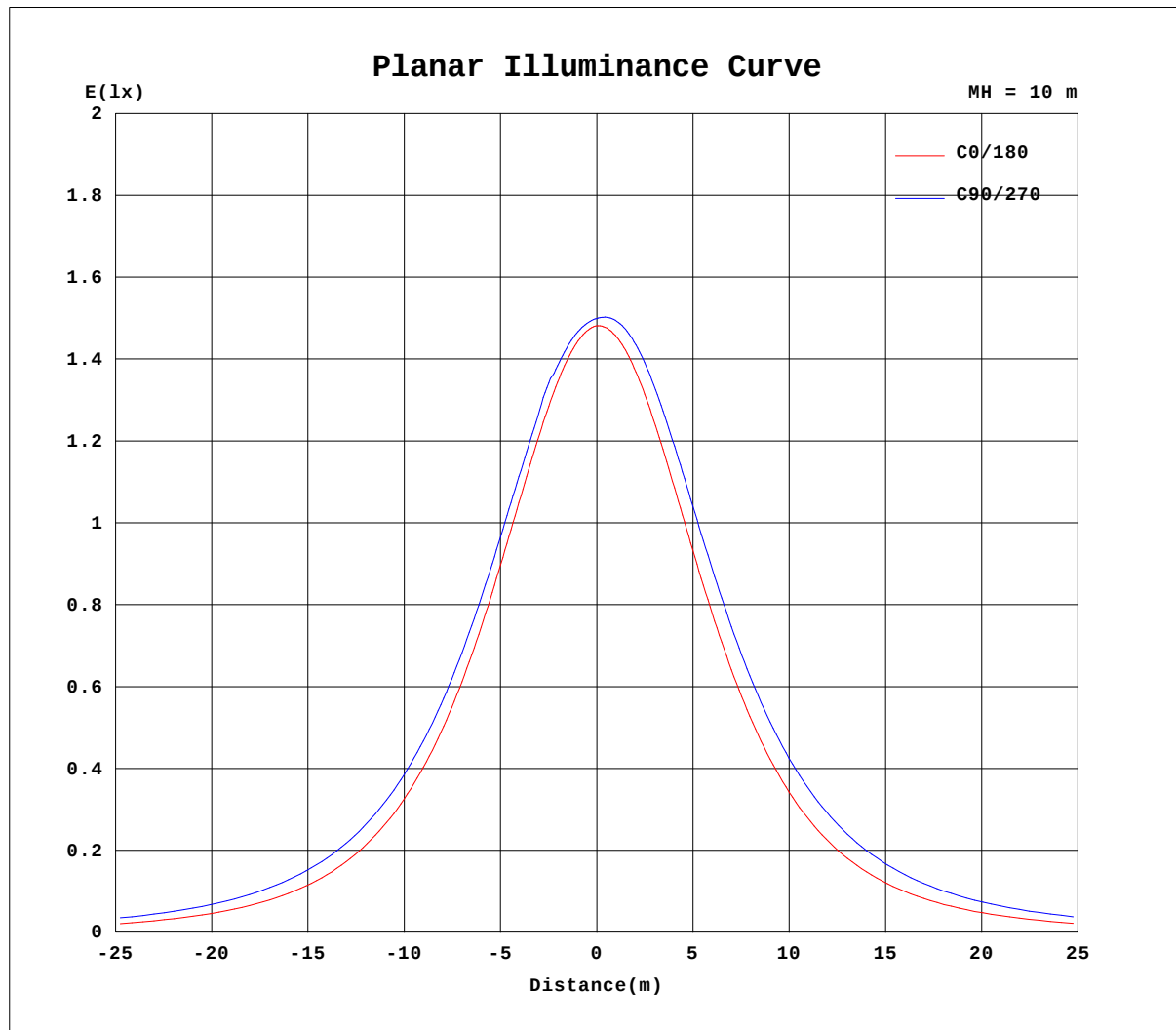
NAME: Maya-square Acrylic-900mm-RGBW ALL-110 130D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110x130 DEG	DIM.: 900mm	SERIAL No.: IES001492
MFR.:	SUR.:	Shielding Angle:



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Test Speed: LOW
Temperature: 25.3DEG
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V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.630m [K=1.0000]
Remarks:

Planar Illuminance Curve

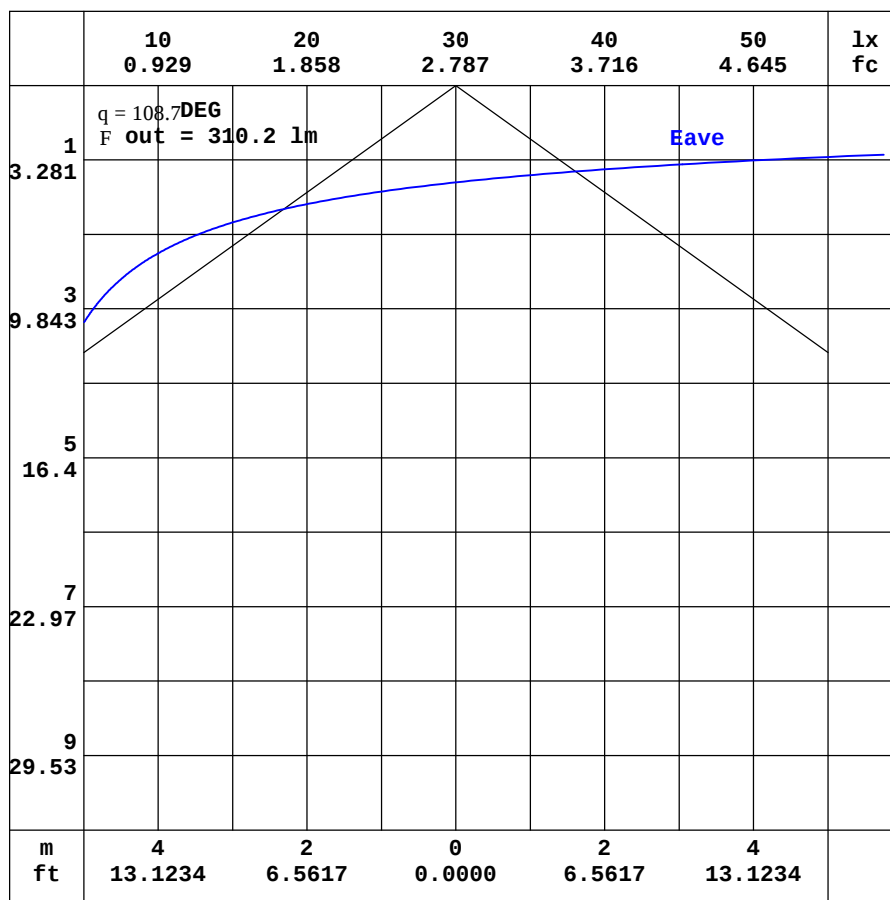


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-15

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.630m [K=1.0000]
Remarks:

AAI CURVES

NAME: Maya-square Acrylic-900mm-RGBW ALL-110 130D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110x130 DEG	DIM.: 900mm	SERIAL No.: IES001492
MFR.:	SUR.:	Shielding Angle:



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

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-15

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.630m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Maya-square Acrylic-900mm-RGBW ALL-110 130D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110x130 DEG	DIM.: 900mm	SERIAL No.: IES001492
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	3.48	3.55	3.52	3.25	3.28	3.23	3.18	3.11	3.02	2.90	2.90	2.91	2.92	2.95	3.01	3.00	2.95	2.87	2.90
-170	3.48	3.81	4.03	4.00	4.25	4.40	4.55	4.66	4.59	4.52	4.56	4.61	4.70	4.81	4.99	2.80	2.76	2.71	2.63
-160	3.48	4.05	4.52	4.74	5.21	5.56	5.91	6.22	6.34	6.29	6.36	6.44	6.58	6.81	7.05	7.42	7.88	8.41	9.18
-150	3.48	4.29	4.99	5.48	6.04	6.68	7.24	7.76	8.22	8.34	8.40	8.59	8.79	9.02	9.38	9.88	10.5	11.2	12.1
-140	3.48	4.50	5.39	6.23	6.91	7.77	8.51	9.24	9.94	10.6	11.1	11.2	11.4	11.8	12.4	12.9	13.5	14.3	15.3
-130	3.48	4.68	5.75	6.86	7.74	8.68	9.70	10.6	11.5	12.4	13.3	14.1	15.0	15.7	16.2	16.8	17.5	18.5	19.6
-120	3.48	4.81	6.10	7.31	8.55	9.61	10.7	11.8	12.9	14.0	15.1	16.2	17.3	18.4	19.5	20.7	21.9	23.1	24.5
-110	3.48	4.90	6.32	7.69	9.01	10.4	11.7	13.0	14.2	15.4	16.7	17.9	19.2	20.4	21.7	23.0	24.4	25.7	27.1
-100	3.48	4.96	6.43	7.91	9.36	10.8	12.2	13.6	15.1	16.5	17.9	19.3	20.8	22.2	23.6	25.0	26.4	27.9	29.3
-90	3.48	4.98	6.49	7.99	9.49	11.0	12.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	24.5	26.0	27.5	29.0	30.5
-80	3.48	4.97	6.56	8.31	10.5	13.2	16.1	19.1	22.1	25.1	28.0	30.7	33.3	35.8	38.2	40.4	42.5	44.4	46.2
-70	3.48	4.95	7.06	11.0	15.6	20.4	25.2	29.8	34.3	38.6	42.6	46.4	50.0	53.2	56.1	58.7	61.0	63.0	64.7
-60	3.48	4.90	8.93	15.0	21.5	27.9	34.3	40.5	46.4	52.0	57.3	62.1	66.6	70.5	74.0	77.0	79.6	81.6	83.1
-50	3.48	5.05	11.1	18.9	26.9	34.9	42.8	50.4	57.8	64.7	71.2	77.1	82.5	87.2	91.3	94.6	97.4	99.4	101
-40	3.48	5.44	13.2	22.3	31.6	41.0	50.2	59.3	68.0	76.1	83.7	90.7	96.9	102	107	111	114	116	117
-30	3.48	5.83	14.8	24.9	35.3	45.8	56.3	66.5	76.3	85.6	94.2	102	109	115	120	125	128	130	131
-20	3.48	6.09	15.8	26.6	37.8	49.2	60.5	71.6	82.4	92.5	102	111	118	125	131	135	138	141	142
-10	3.48	6.16	16.2	27.3	39.0	50.8	62.7	74.3	85.7	96.5	107	116	124	131	137	142	145	147	148
0	3.48	5.98	15.9	27.0	38.6	50.6	62.5	74.4	85.9	97.0	107	117	125	132	139	143	146	148	148
10	3.48	6.16	16.2	27.4	39.1	51.1	63.2	75.0	86.6	97.7	108	118	126	133	140	144	148	150	152
20	3.48	6.10	15.8	26.8	38.2	49.8	61.4	72.9	84.1	94.8	105	114	122	130	136	141	145	148	150
30	3.48	5.84	14.8	25.1	35.7	46.6	57.5	68.1	78.5	88.5	97.9	107	114	121	127	132	137	140	142
40	3.48	5.46	13.2	22.5	32.1	41.8	51.5	61.1	70.4	79.2	87.7	95.5	103	109	115	119	123	126	129
50	3.48	5.10	11.2	19.1	27.3	35.6	43.9	52.1	60.0	67.6	74.8	81.5	87.7	93.3	98.2	102	106	109	111
60	3.48	4.99	8.98	15.1	21.7	28.5	35.2	41.7	48.1	54.2	60.1	65.6	70.7	75.3	79.4	83.1	86.2	88.9	91.0
70	3.48	5.08	7.17	11.0	15.7	20.7	25.6	30.5	35.3	39.9	44.3	48.5	52.4	56.0	59.4	62.4	65.1	67.4	69.4
80	3.48	5.14	6.83	8.58	10.7	13.4	16.3	19.3	22.3	25.4	28.4	31.3	34.0	36.7	39.2	41.5	43.7	45.7	47.6
90	3.48	5.16	6.83	8.50	10.2	11.9	13.5	15.2	16.9	18.5	20.2	21.9	23.6	25.2	26.9	28.6	30.3	31.9	33.6
100	3.48	5.13	6.75	8.37	9.96	11.5	13.0	14.6	16.0	17.5	19.0	20.5	22.0	23.5	25.0	26.5	28.0	29.5	31.0
110	3.48	5.05	6.61	8.08	9.47	10.9	12.2	13.5	14.7	16.0	17.3	18.5	19.8	21.0	22.3	23.6	24.9	26.3	27.7
120	3.48	4.95	6.33	7.61	8.88	9.96	11.0	12.1	13.3	14.3	15.3	16.3	17.3	18.3	19.3	20.4	21.5	22.7	24.0
130	3.48	4.79	5.95	7.09	7.98	8.91	9.90	10.7	11.6	12.3	13.1	13.8	14.5	15.2	16.0	16.8	17.7	18.7	19.9
140	3.48	4.59	5.54	6.39	7.07	7.91	8.57	9.21	9.79	10.3	10.8	11.2	11.7	12.1	12.6	13.2	13.9	14.8	15.8
150	3.48	4.36	5.09	5.59	6.15	6.73	7.23	7.65	8.02	8.30	8.54	8.75	9.02	9.28	9.57	9.93	10.4	11.0	11.9
160	3.48	4.10	4.59	4.81	5.27	5.57	5.87	6.11	6.27	6.38	6.47	6.59	6.69	6.78	6.85	6.98	7.19	7.45	8.11
170	3.48	3.83	4.06	4.04	4.28	4.40	4.52	4.60	4.61	4.57	4.63	4.67	4.69	4.69	4.71	4.67	4.43	4.26	4.55
180	3.48	3.55	3.52	3.25	3.28	3.23	3.18	3.11	3.02	2.90	2.90	2.91	2.92	2.95	3.01	3.00	2.95	2.87	2.88

H_(b) Range: -90 - 90DEGH_(b) Interval: 0.5DEG

Test Speed: LOW

Temperature: 25.3DEG

Operators: Fan

Test Date: 2023-08-15

V(B) Range: -180 - 180DEG

V(B) Interval: 0.5DEG

Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351

Humidity: 65.0%

Test Distance: 8.630m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Maya-square Acrylic-900mm-RGBW ALL-110 130D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110x130 DEG	DIM.: 900mm	SERIAL No.: IES001492
MFR.:	SUR.:	Shielding Angle:

Table--2
UNIT: cd

H(°) \ V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	2.67	2.61	2.51	2.36	2.21	2.00	1.87	1.74	1.63	1.59	1.56	1.47	1.36	1.27	1.21	1.20	1.02	0.86	
-170	2.60	2.52	2.43	4.49	4.16	3.93	3.71	3.53	3.37	3.27	3.20	2.93	2.62	2.31	2.01	1.75	1.30	0.86	
-160	8.31	7.67	7.11	6.60	6.24	5.89	5.63	5.42	5.20	5.10	4.83	4.36	3.84	3.30	2.80	2.28	1.55	0.86	
-150	11.1	10.3	9.56	8.96	8.49	8.14	7.83	7.48	7.30	7.02	6.41	5.73	5.01	4.27	3.54	2.75	1.78	0.86	
-140	14.2	13.3	12.6	11.9	11.3	10.8	10.4	10.2	9.54	8.76	7.90	7.02	6.08	5.17	4.24	3.16	1.97	0.86	
-130	18.4	17.3	16.5	15.8	15.1	14.3	13.4	12.4	11.4	10.3	9.28	8.17	7.09	5.99	4.83	3.55	2.15	0.86	
-120	23.0	21.7	20.3	19.1	17.8	16.6	15.4	14.2	13.0	11.7	10.5	9.25	7.98	6.67	5.25	3.81	2.28	0.86	
-110	25.6	24.1	22.7	21.2	19.8	18.5	17.1	15.7	14.3	12.9	11.5	10.1	8.62	7.11	5.56	3.96	2.40	0.86	
-100	27.7	26.2	24.6	23.1	21.5	20.0	18.4	16.8	15.3	13.7	12.1	10.5	8.92	7.30	5.69	4.08	2.47	0.86	
-90	28.9	27.2	25.6	23.9	22.3	20.6	19.0	17.3	15.7	14.0	12.4	10.7	9.09	7.45	5.80	4.15	2.50	0.86	
-80	44.4	42.5	40.4	38.2	35.9	33.5	30.9	28.1	25.3	22.4	19.4	16.3	13.3	10.2	7.27	4.57	2.51	0.86	
-70	63.0	60.9	58.5	55.9	52.9	49.7	46.2	42.4	38.5	34.2	29.9	25.3	20.7	16.0	11.3	6.75	2.82	0.86	
-60	81.4	79.2	76.6	73.4	69.9	65.9	61.4	56.6	51.4	45.8	40.1	34.0	27.9	21.6	15.4	9.24	3.63	0.86	
-50	99.1	96.8	93.8	90.2	86.0	81.1	75.7	69.9	63.5	56.7	49.5	42.1	34.5	26.8	19.1	11.6	4.54	0.86	
-40	115	113	110	106	101	95.0	88.6	81.7	74.2	66.2	57.8	49.1	40.2	31.3	22.3	13.6	5.38	0.86	
-30	129	127	123	118	113	107	99.4	91.4	82.9	73.9	64.5	54.7	44.7	34.7	24.8	15.1	6.00	0.86	
-20	140	137	133	128	122	115	107	98.5	89.2	79.3	69.1	58.5	47.8	37.0	26.4	16.0	6.38	0.86	
-10	146	144	139	134	127	120	111	102	92.4	82.1	71.3	60.3	49.2	38.0	27.0	16.4	6.48	0.86	
0	147	144	140	134	128	120	111	102	92.3	81.9	71.0	60.0	48.8	37.6	26.6	16.1	6.42	0.86	
10	150	146	142	136	130	122	113	104	93.6	83.0	72.0	60.8	49.5	38.2	27.1	16.4	6.49	0.86	
20	147	144	139	133	127	119	110	101	91.4	81.1	70.3	59.4	48.4	37.3	26.5	16.1	6.39	0.86	
30	139	135	131	125	119	112	104	95.1	85.8	76.1	66.1	55.9	45.5	35.2	25.0	15.2	6.02	0.86	
40	126	122	118	113	107	101	93.4	85.6	77.3	68.6	59.6	50.4	41.0	31.7	22.5	13.6	5.40	0.86	
50	109	106	102	97.2	92.1	86.4	80.1	73.5	66.4	58.9	51.2	43.3	35.3	27.2	19.3	11.6	4.59	0.86	
60	88.7	85.9	82.6	78.9	74.6	69.9	64.8	59.4	53.6	47.6	41.3	34.9	28.4	21.9	15.5	9.28	3.71	0.86	
70	67.3	65.0	62.2	59.2	55.8	52.2	48.3	44.1	39.8	35.2	30.6	25.7	20.9	16.1	11.3	6.85	2.95	0.86	
80	45.7	43.7	41.5	39.2	36.8	34.1	31.4	28.6	25.6	22.6	19.6	16.5	13.5	10.5	7.54	4.84	2.68	0.86	
90	31.8	30.0	28.1	26.3	24.5	22.7	20.9	19.1	17.2	15.4	13.6	11.8	9.95	8.13	6.31	4.50	2.68	0.86	
100	29.3	27.7	26.1	24.4	22.8	21.2	19.6	18.0	16.3	14.7	13.0	11.3	9.63	7.90	6.15	4.40	2.64	0.86	
110	26.2	24.7	23.2	21.8	20.4	19.1	17.7	16.3	14.9	13.5	12.1	10.7	9.13	7.57	5.95	4.24	2.55	0.86	
120	22.6	21.3	20.0	18.8	17.7	16.6	15.4	14.3	13.2	12.0	10.8	9.60	8.33	7.01	5.55	4.05	2.42	0.86	
130	18.6	17.5	16.5	15.6	14.7	13.8	13.0	12.2	11.3	10.4	9.40	8.37	7.32	6.22	5.06	3.74	2.26	0.86	
140	14.7	13.7	12.9	12.2	11.6	11.0	10.5	9.89	9.27	8.61	7.87	7.08	6.22	5.33	4.40	3.31	2.07	0.86	
150	10.9	10.2	9.62	9.14	8.74	8.36	7.99	7.63	7.25	6.82	6.31	5.72	5.07	4.37	3.66	2.86	1.85	0.86	
160	7.34	6.98	6.67	6.40	6.20	5.99	5.77	5.52	5.29	5.04	4.72	4.32	3.86	3.36	2.87	2.35	1.60	0.86	
170	4.15	4.19	4.30	4.21	4.04	3.91	3.77	3.59	3.41	3.29	3.14	2.90	2.62	2.33	2.05	1.78	1.32	0.86	
180	2.67	2.61	2.51	2.36	2.21	2.00	1.87	1.74	1.63	1.59	1.56	1.47	1.36	1.27	1.21	1.20	1.02	0.86	

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-15

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.630m [K=1.0000]
Remarks: