

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	215.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	289.0V x 159.0H
	At 50% of Imax	173.6V x 110.7H
	At 90% of Imax	73.6V x 47.6H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	972.8 lumens per klm.
	To 50% of Imax	677.5 lumens per klm.
	To 90% of Imax	156.1 lumens per klm.

Upward LOR	18.3 %
Downward LOR	81.7 %

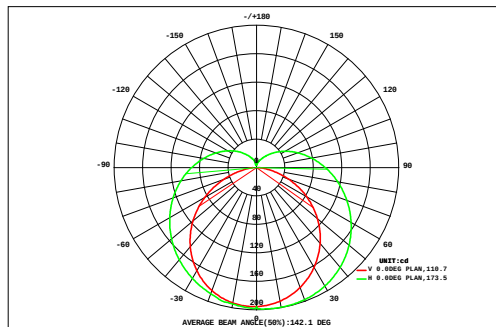
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-26

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-round acrylic-1200mm-RGBW ALL-110 170D-REV1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110X170 DEG	DIM.: 1200MM	SERIAL No.: IES001178
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff: 29.71lm/W	
MODEL	MAYA.12.14(30)	Imax(cd)	199.3
NOMINAL POWER(W)	31.2	AVAILABILITY(%)	96.5
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	894.7
NOMINAL FLUX(lm)	927	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	927.0
TEST VOLTAGE(V)	220	q @50%(H,V)	111,174DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT: lm		F t	F a
	0.04	0.21	0.53	0.98	1.52	1.98	2.41	2.80	3.11	3.12	2.81	2.43	2.00	1.54	0.98	0.52	0.20	0.03	27.2	27.1
90	0.04	0.21	0.53	0.98	1.52	1.98	2.41	2.80	3.11	3.12	2.81	2.43	2.00	1.54	0.98	0.52	0.20	0.03	27.2	27.1
80	0.04	0.23	0.60	1.14	1.78	2.36	2.88	3.34	3.69	3.70	3.35	2.90	2.38	1.80	1.15	0.60	0.22	0.03	32.2	32.1
70	0.04	0.25	0.68	1.31	2.05	2.74	3.36	3.88	4.26	4.27	3.89	3.38	2.77	2.07	1.32	0.68	0.24	0.03	37.2	37.1
60	0.04	0.27	0.76	1.47	2.30	3.11	3.81	4.39	4.79	4.80	4.40	3.83	3.14	2.32	1.48	0.77	0.27	0.04	42.0	41.9
50	0.04	0.29	0.84	1.62	2.52	3.43	4.21	4.83	5.25	5.25	4.84	4.23	3.45	2.53	1.62	0.84	0.29	0.04	46.1	46.0
40	0.04	0.31	0.89	1.74	2.71	3.69	4.54	5.18	5.60	5.60	5.18	4.54	3.68	2.69	1.72	0.89	0.30	0.04	49.3	49.3
30	0.04	0.31	0.93	1.81	2.84	3.87	4.76	5.42	5.83	5.82	5.40	4.74	3.82	2.80	1.78	0.91	0.31	0.04	51.4	51.4
20	0.04	0.31	0.93	1.84	2.90	3.96	4.88	5.56	5.94	5.92	5.50	4.81	3.88	2.83	1.79	0.91	0.30	0.03	52.3	52.3
10	0.03	0.29	0.90	1.81	2.88	3.96	4.90	5.58	5.95	5.89	5.49	4.78	3.83	2.77	1.74	0.87	0.28	0.03	52.0	51.9
0	0.03	0.29	0.89	1.79	2.85	3.91	4.82	5.48	5.81	5.86	5.45	4.74	3.80	2.75	1.73	0.87	0.28	0.03	51.4	51.3
-10	0.04	0.30	0.91	1.80	2.82	3.82	4.66	5.28	5.71	5.76	5.37	4.67	3.77	2.76	1.75	0.89	0.30	0.03	50.6	50.6
-20	0.04	0.30	0.90	1.75	2.71	3.64	4.43	5.06	5.49	5.53	5.14	4.50	3.65	2.69	1.72	0.89	0.30	0.03	48.8	48.7
-30	0.04	0.30	0.86	1.66	2.55	3.42	4.18	4.79	5.20	5.22	4.85	4.25	3.46	2.55	1.65	0.85	0.29	0.03	46.2	46.1
-40	0.04	0.28	0.80	1.53	2.36	3.16	3.87	4.44	4.83	4.85	4.48	3.92	3.21	2.38	1.53	0.80	0.28	0.03	42.8	42.7
-50	0.04	0.26	0.73	1.39	2.14	2.87	3.51	4.03	4.40	4.41	4.06	3.54	2.91	2.17	1.39	0.73	0.25	0.03	38.9	38.8
-60	0.04	0.23	0.64	1.22	1.91	2.54	3.10	3.58	3.93	3.93	3.60	3.13	2.57	1.93	1.23	0.64	0.23	0.03	34.5	34.4
-70	0.03	0.20	0.54	1.04	1.64	2.19	2.67	3.10	3.43	3.43	3.11	2.69	2.21	1.67	1.05	0.54	0.19	0.03	29.8	29.7
-80	0.03	0.18	0.45	0.84	1.31	1.76	2.19	2.58	2.90	2.91	2.59	2.20	1.78	1.32	0.84	0.44	0.16	0.03	24.5	24.4
-90	0.03	0.18	0.45	0.84	1.31	1.76	2.19	2.58	2.90	2.91	2.59	2.20	1.78	1.32	0.84	0.44	0.16	0.03	24.5	24.4
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
F t	0.67	4.81	13.8	26.7	41.8	56.4	69.2	79.3	86.1	86.2	79.5	69.3	56.3	41.6	26.5	13.6	4.69	0.58	757	---
F a	0.08	4.73	13.8	26.7	41.8	56.4	69.2	79.3	86.1	86.2	79.5	69.3	56.3	41.6	26.5	13.6	4.54	0.03	---	756

one-half-peak spread: U:72.1,D:80.1 , L:54.8,R:56.0

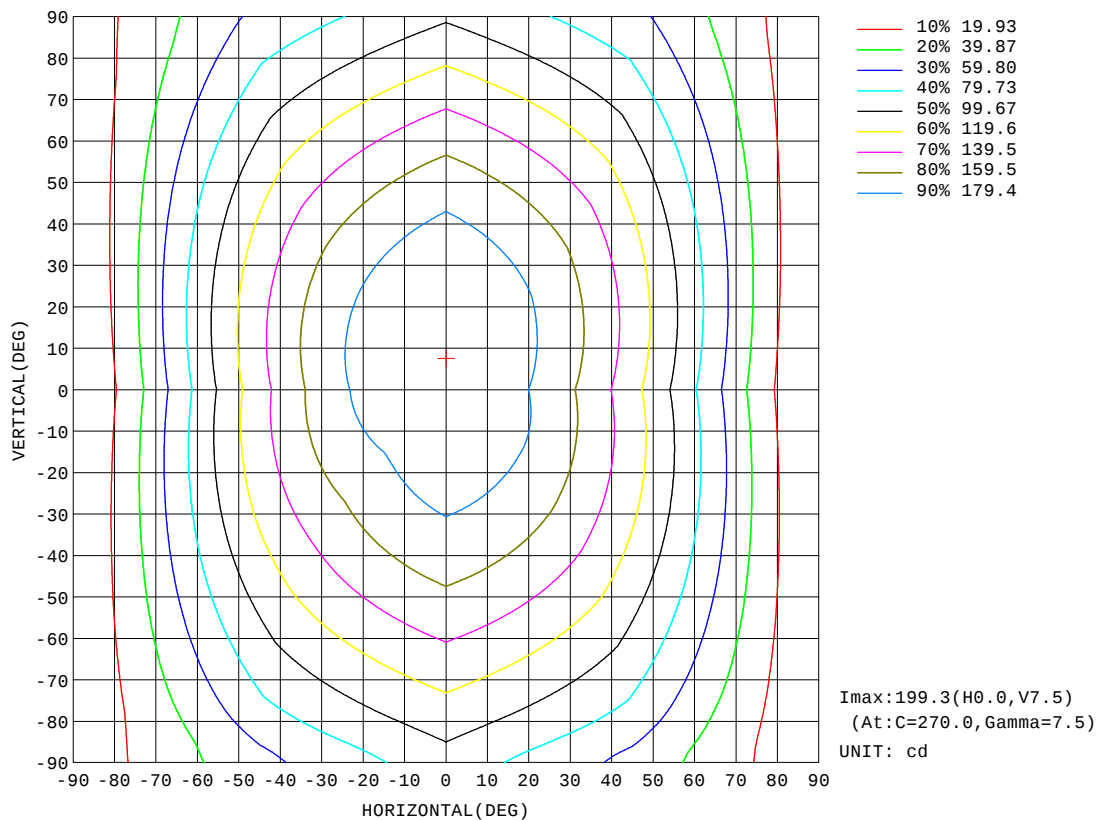
NEMA Beam Type: Type 7

H(b) Range: -90 - 90DEG
 H(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-06-26

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-round Acrylic-1200mm-RGBW ALL-110 170D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110X170 DEG	DIM.: 1200MM	SERIAL No.: IES001178
MFR.:	SUR.:	Shielding Angle:

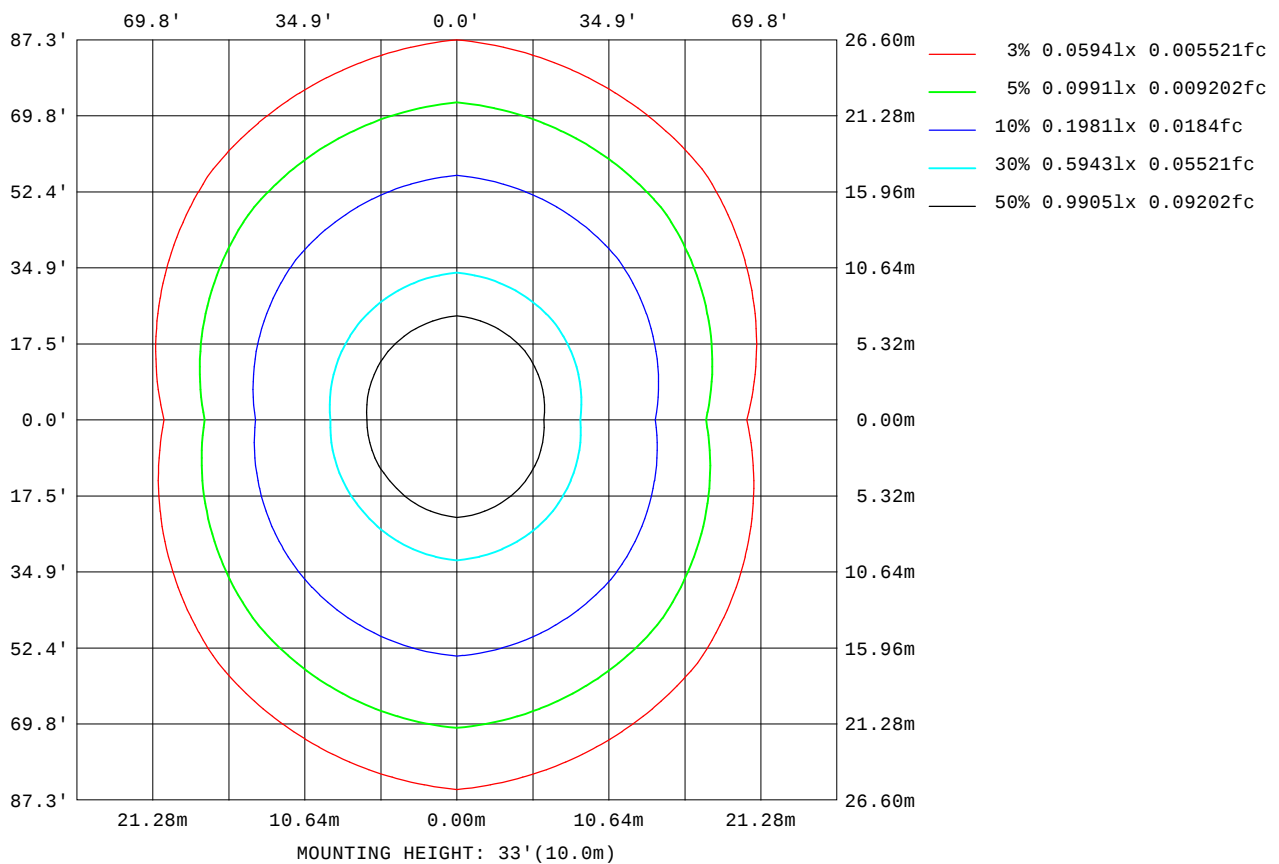


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-06-26

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:

ISOLUX DIAGRAM

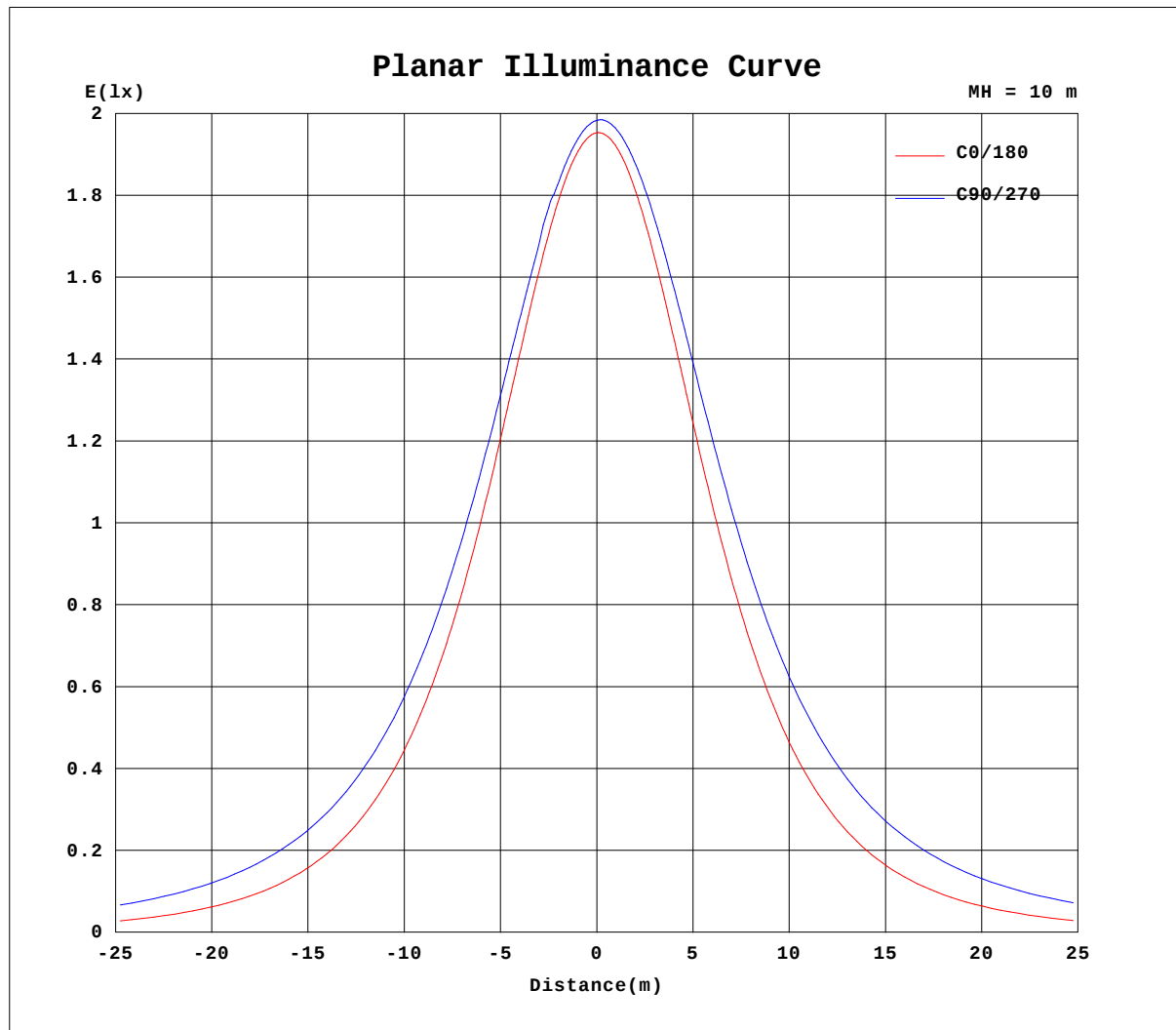
NAME: Maya-round acrylic-1200mm-RGBW ALL-110 170D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110X170 DEG	DIM.: 1200MM	SERIAL No.: IES001178
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-06-26

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

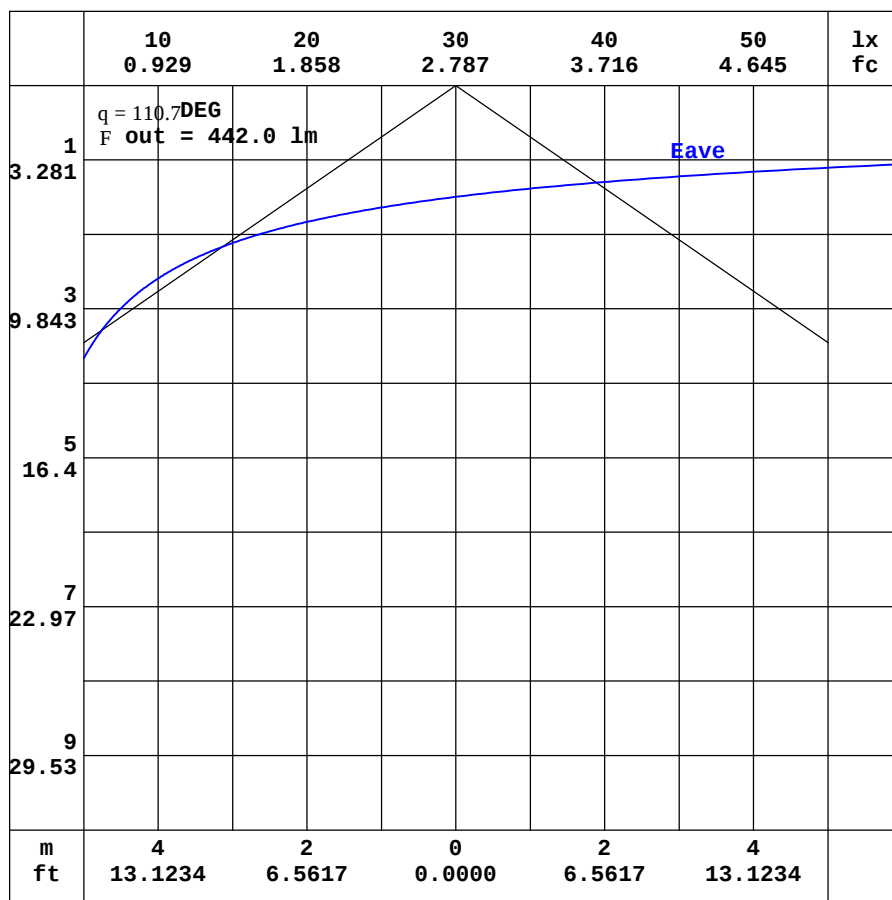


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-06-26

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-round Acrylic-1200mm-RGBW ALL-110 170D-Rev1	TYPE: TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110X170 DEG	DIM.: 1200MM	SERIAL No.: IES001178
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 - 90 DEG
H_(b) Interval: 0.5 DEG
Test Speed: LOW
Temperature: 25.3 DEG
Operators: Fan
Test Date: 2023-06-26

V(B) Range: -180 - 180 DEG
V(B) Interval: 0.5 DEG
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-round Acrylic-1200mm-RGBW ALL-110 170D-Rev1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110X170 DEG	DIM.: 1200MM	SERIAL No.: IES001178
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	5.50	5.66	5.27	5.23	5.12	5.07	4.89	4.60	4.52	4.47	4.45	4.48	4.63	4.63	4.61	4.54	4.46	4.37	4.53
-170	5.50	6.49	6.74	7.18	7.47	7.74	7.77	7.61	7.50	7.03	6.43	5.93	5.83	5.59	3.93	3.85	3.68	3.80	3.80
-160	5.50	7.32	8.19	9.15	9.83	10.5	10.8	10.9	10.9	10.2	9.38	8.25	7.55	7.26	6.92	6.07	7.03	9.22	11.6
-150	5.50	8.12	9.61	11.1	12.2	13.3	14.0	14.5	14.7	14.8	13.9	13.0	11.6	10.7	11.5	12.6	13.7	15.0	16.8
-140	5.50	8.88	11.1	13.0	14.6	16.2	17.4	18.4	19.1	19.6	20.0	20.1	19.3	19.3	19.4	20.0	21.2	22.9	25.0
-130	5.50	9.57	12.5	15.0	17.2	19.1	21.0	22.6	24.0	25.1	26.1	26.9	27.7	28.6	29.5	30.6	31.9	33.6	35.7
-120	5.50	10.2	13.9	17.0	19.9	22.4	24.6	26.8	29.0	31.1	32.9	34.4	35.9	37.5	39.1	40.9	42.8	45.0	47.5
-110	5.50	10.8	15.1	19.0	22.6	25.9	29.1	31.9	34.6	37.2	39.6	42.1	44.6	47.1	49.6	52.3	55.0	57.8	60.9
-100	5.50	10.9	16.1	20.7	25.2	29.6	33.8	37.8	41.7	45.5	48.7	51.9	55.0	58.3	61.6	65.0	68.4	72.0	75.6
-90	5.50	11.0	16.4	21.8	27.3	32.7	38.2	43.6	49.1	54.5	58.6	62.7	66.8	70.9	75.0	79.1	83.2	87.4	91.5
-80	5.50	10.9	16.7	23.0	30.2	37.8	45.6	53.6	61.7	69.7	75.0	79.8	84.4	88.7	92.9	97.0	101	105	108
-70	5.50	10.8	17.7	26.4	35.8	45.5	55.3	64.8	74.1	83.0	89.6	95.0	100	105	109	114	118	121	125
-60	5.50	10.6	19.4	29.8	41.0	52.5	63.7	74.6	84.7	94.1	102	109	115	120	125	130	134	138	141
-50	5.50	10.7	20.7	32.7	45.7	58.8	71.5	83.4	94.5	105	114	121	128	134	140	145	149	153	156
-40	5.50	10.8	21.7	35.0	49.5	64.0	78.1	91.2	103	114	124	132	140	146	152	158	162	166	169
-30	5.50	10.6	22.0	36.4	52.1	67.9	83.1	97.5	111	123	133	142	150	156	163	168	173	177	180
-20	5.50	10.2	21.7	36.7	53.2	69.9	86.2	102	116	129	140	150	159	165	170	176	181	186	189
-10	5.50	9.49	20.6	35.6	52.4	69.7	86.7	103	118	132	145	156	165	173	179	184	185	190	195
0	5.50	8.52	18.7	33.1	49.7	67.0	84.2	101	117	132	145	157	168	177	184	189	193	195	195
10	5.50	9.67	20.9	36.0	53.0	70.6	87.9	105	120	135	148	160	170	178	185	190	194	197	199
20	5.50	10.6	22.2	37.5	54.3	71.5	88.5	105	120	134	147	158	167	176	182	188	192	195	198
30	5.50	11.2	22.8	37.5	53.7	70.1	86.3	102	116	129	141	152	161	169	176	181	186	189	192
40	5.50	11.5	22.7	36.4	51.4	66.7	81.7	96.0	109	122	133	143	152	159	166	171	176	180	183
50	5.50	11.6	22.1	34.4	47.9	61.7	75.3	88.3	101	112	123	132	139	146	152	157	162	166	170
60	5.50	11.6	21.1	31.9	43.5	55.6	67.6	79.3	90.5	101	111	118	124	130	136	141	146	150	154
70	5.50	12.0	19.9	29.2	39.0	49.2	59.4	69.6	79.5	89.2	96.4	102	108	113	118	123	127	131	135
80	5.50	12.1	19.2	26.6	34.7	43.1	51.6	60.1	68.7	77.2	82.2	86.9	91.4	95.9	100	104	108	112	116
90	5.50	12.1	18.8	25.4	32.1	38.7	45.4	52.0	58.6	65.3	68.8	72.3	75.8	79.3	82.9	86.4	89.9	93.4	96.9
100	5.50	12.1	18.3	24.0	29.4	34.6	39.7	44.5	49.2	53.7	56.4	58.8	61.4	64.0	66.7	69.5	72.4	75.5	78.6
110	5.50	11.8	17.0	21.8	26.1	30.0	33.7	37.1	40.2	43.2	45.2	46.7	48.4	50.1	52.1	54.2	56.4	58.9	61.6
120	5.50	11.2	15.6	19.4	22.8	25.7	28.2	30.4	32.2	33.9	35.2	35.9	36.4	37.2	38.4	40.0	41.8	43.9	46.3
130	5.50	10.4	14.0	17.0	19.5	21.5	23.1	24.3	25.1	25.0	25.3	25.2	25.4	26.6	27.4	28.5	29.7	31.2	33.2
140	5.50	9.55	12.2	14.5	16.3	17.6	18.5	18.6	18.5	17.3	18.4	18.4	18.4	18.7	19.0	19.5	20.1	21.0	22.3
150	5.50	8.63	10.5	12.2	13.3	14.1	14.3	14.1	13.5	13.6	13.4	13.2	13.1	12.8	12.7	12.9	13.2	13.8	14.8
160	5.50	7.66	8.77	9.87	10.5	10.9	10.7	9.99	10.2	9.92	9.72	9.47	9.04	8.83	8.55	8.49	8.62	8.95	9.40
170	5.50	6.67	7.03	7.53	7.76	7.90	7.66	7.29	7.17	7.02	6.88	6.63	6.55	6.36	6.15	5.92	4.96	4.93	4.89
180	5.50	5.66	5.27	5.23	5.12	5.07	4.89	4.60	4.52	4.47	4.45	4.48	4.63	4.63	4.61	4.54	4.46	4.37	4.51

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-06-26

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-round Acrylic-1200mm-RGBW ALL-110 170D-REV1	TYPE: RGBW W=3000K	WEIGHT:
SPEC.: 110X170 DEG	DIM.: 1200MM	SERIAL No.: IES001178
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	4.11	3.94	3.78	3.59	3.47	3.29	2.91	2.74	2.60	2.45	2.52	2.50	2.40	2.28	2.16	2.07	1.99	1.56
-170	3.76	3.69	3.60	3.52	6.02	6.20	6.00	5.84	5.82	5.65	5.75	5.56	5.31	4.84	4.21	3.64	2.88	1.56
-160	9.22	7.11	5.03	10.1	9.85	9.63	9.35	9.48	9.27	9.06	9.09	8.80	8.25	7.40	6.22	5.20	3.75	1.56
-150	15.8	15.3	14.9	14.5	14.1	13.8	13.9	13.6	13.2	13.3	12.7	12.3	11.3	9.94	8.30	6.73	4.61	1.56
-140	23.4	22.1	21.2	20.8	20.3	19.7	19.1	18.8	18.4	17.6	17.1	15.9	14.3	12.4	10.4	8.19	5.43	1.56
-130	33.5	31.7	30.1	28.8	27.9	27.2	26.1	25.2	24.5	23.1	21.5	19.6	17.3	14.9	12.5	9.52	6.13	1.56
-120	44.9	42.6	40.6	38.8	37.3	35.8	34.3	32.7	30.7	28.4	25.8	23.1	20.5	17.7	14.5	10.8	6.58	1.56
-110	57.8	54.9	52.2	49.6	47.0	44.5	42.0	39.4	36.7	33.7	30.7	27.6	24.1	20.4	16.3	12.0	6.92	1.56
-100	71.9	68.3	64.8	61.4	58.0	54.7	51.5	48.3	45.0	40.8	36.5	32.2	27.6	22.9	17.9	12.7	7.20	1.56
-90	87.3	83.1	79.0	74.8	70.7	66.5	62.4	58.2	54.1	48.2	42.4	36.6	30.7	24.9	19.1	13.2	7.40	1.56
-80	105	101	97.3	93.4	89.4	85.1	80.7	76.0	70.8	62.5	54.1	45.6	37.4	29.4	21.6	14.3	7.52	1.56
-70	122	118	114	110	106	101	96.0	90.7	84.1	75.0	65.5	55.6	45.6	35.4	25.5	16.3	7.97	1.56
-60	138	134	130	126	121	116	110	104	95.3	85.5	75.1	64.1	52.6	40.9	29.2	18.1	8.51	1.56
-50	153	150	146	141	136	130	123	115	106	95.1	83.7	71.6	58.8	45.6	32.3	19.7	8.90	1.56
-40	167	163	159	154	149	142	134	125	115	103	91.0	77.7	63.7	49.2	34.6	20.8	9.02	1.56
-30	178	175	170	165	159	152	143	133	122	110	96.5	82.2	67.1	51.6	36.0	21.2	8.87	1.56
-20	187	184	179	174	167	159	150	139	127	114	99.7	84.5	68.7	52.3	36.1	20.8	8.45	1.56
-10	192	189	185	179	171	163	153	141	128	115	99.9	84.2	67.9	51.3	34.9	19.7	7.74	1.56
0	194	191	186	179	171	162	151	139	126	112	96.8	81.0	64.7	48.3	32.3	17.8	6.72	1.56
10	195	192	188	182	175	166	155	144	131	117	101	85.3	68.7	51.8	35.3	20.0	7.91	1.56
20	194	191	186	181	174	165	155	144	131	117	102	86.7	70.3	53.5	36.9	21.3	8.81	1.56
30	189	185	181	175	169	161	151	140	128	115	100	85.2	69.4	53.1	37.1	22.0	9.41	1.56
40	180	176	171	166	160	152	144	133	122	109	95.6	81.2	66.4	51.1	36.0	21.8	9.74	1.56
50	166	162	158	152	147	140	133	124	113	101	88.5	75.4	61.7	47.8	34.0	21.0	9.81	1.56
60	150	146	141	136	131	125	119	112	102	91.2	79.8	68.0	55.8	43.4	31.3	19.9	9.61	1.56
70	132	128	123	119	114	109	103	97.6	90.3	80.4	70.2	59.7	49.2	38.6	28.3	18.5	9.24	1.56
80	112	109	105	101	96.5	92.2	87.7	83.2	78.2	69.4	60.5	51.7	42.8	34.0	25.4	16.9	8.87	1.56
90	93.5	90.1	86.7	83.3	79.9	76.5	73.1	69.7	66.3	59.1	51.9	44.7	37.5	30.3	23.1	15.9	8.75	1.56
100	75.6	72.6	69.8	67.1	64.5	62.0	59.5	57.2	54.6	49.5	44.3	39.0	33.5	27.7	21.6	15.2	8.50	1.56
110	59.0	56.6	54.4	52.3	50.5	48.8	47.2	45.8	43.8	40.4	36.9	33.1	29.0	24.5	19.6	14.3	8.13	1.56
120	44.1	42.3	40.7	39.3	38.2	37.2	36.4	35.7	34.1	32.1	29.9	27.3	24.4	21.1	17.3	12.8	7.67	1.56
130	31.5	30.1	29.1	28.4	27.8	27.5	27.3	26.8	25.9	24.9	23.6	22.1	20.1	17.7	14.8	11.2	7.07	1.56
140	21.2	20.5	20.1	19.9	19.8	19.8	19.8	19.5	19.1	18.8	18.1	17.3	16.0	14.4	12.2	9.55	6.20	1.56
150	14.1	13.9	13.8	13.9	14.2	14.1	13.9	13.8	13.7	13.7	13.4	13.0	12.3	11.2	9.63	7.75	5.20	1.56
160	9.25	9.25	9.49	9.94	9.77	9.63	9.53	9.44	9.40	9.38	9.40	9.23	8.80	8.14	7.08	5.88	4.15	1.56
170	5.05	5.52	6.37	6.26	6.30	6.16	6.03	5.92	5.83	5.76	5.84	5.79	5.55	5.18	4.62	3.98	3.08	1.56
180	4.11	3.94	3.78	3.59	3.47	3.29	2.91	2.74	2.60	2.45	2.52	2.50	2.40	2.28	2.16	2.07	1.99	1.56

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-06-26

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: