

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	6923.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	34.6V x 34.5H
	At 50% of Imax	15.3V x 15.7H
	At 90% of Imax	5.8V x 6.0H

Beam Flux	Total	1000.4 lumens per klm.
	To 10% of Imax	623.3 lumens per klm.
	To 50% of Imax	282.7 lumens per klm.
	To 90% of Imax	53.6 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

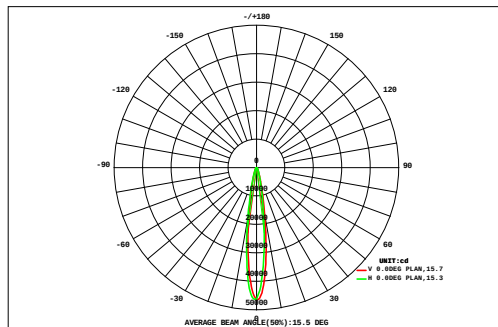
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-30

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:DecoBody-945mm-RGBW All-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15 DEG	DIM.:945mm	SERIAL No.:IES001221
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:45.25lm/W	
MODEL		Imax(cd)	46367
NOMINAL POWER(W)	148	AVAILABILITY(%)	62.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	4173
NOMINAL FLUX(lm)	6697	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	6697
TEST VOLTAGE(V)	220	q @50%(H,V)	16,15DEG

		AREA FLUX DIAGRAM															UNIT:lm			F t	F a
VERTICAL (DEG)	27	2.00	2.38	2.80	3.24	3.70	4.12	4.49	4.75	4.87	4.84	4.66	4.35	3.96	3.52	3.07	2.65	2.25	1.89	63.5	0.00
	24	2.31	2.78	3.33	3.94	4.60	5.25	5.82	6.25	6.45	6.39	6.10	5.61	5.00	4.35	3.72	3.14	2.63	2.18	79.8	0.00
	21	2.63	3.23	3.95	4.80	5.79	6.88	7.85	8.58	8.91	8.82	8.32	7.48	6.46	5.44	4.51	3.71	3.05	2.48	103	0.00
	18	2.98	3.72	4.68	5.89	7.42	9.19	10.9	12.3	13.0	12.8	11.9	10.3	8.57	6.90	5.49	4.37	3.49	2.80	137	27.5
	15	3.35	4.26	5.52	7.25	9.55	12.5	15.9	18.8	20.3	19.9	17.9	14.8	11.5	8.79	6.68	5.12	3.97	3.10	189	115
	12	3.72	4.86	6.47	8.82	12.3	17.3	23.9	30.3	33.7	32.9	28.4	21.9	15.7	11.2	8.05	5.96	4.47	3.38	273	213
	9	4.06	5.42	7.46	10.6	15.6	23.8	35.6	49.2	56.7	55.2	45.6	32.3	21.2	14.2	9.81	6.94	4.99	3.65	402	350
		4.34	5.89	8.33	12.3	19.2	31.1	49.5	72.8	88.3	85.6	67.4	45.2	29.1	18.3	11.8	7.88	5.44	3.86	566	518
		4.50	6.17	8.86	13.4	21.6	36.7	61.1	91.2	114	112	90.7	62.6	38.0	22.2	13.4	8.58	5.74	3.97	715	669
		4.49	6.21	9.01	13.8	22.6	39.1	66.1	98.4	121	121	99.9	68.1	40.4	23.1	13.8	8.71	5.78	3.97	765	719
		4.30	5.98	8.72	13.3	21.7	37.0	60.8	86.1	103	101	82.1	56.9	34.8	20.6	12.7	8.24	5.53	3.83	667	622
	-9	3.98	5.50	7.95	11.9	18.6	29.4	44.2	60.5	72.1	70.4	56.3	40.4	26.5	16.9	11.0	7.38	5.06	3.57	492	444
-12	3.57	4.86	6.86	9.88	14.4	20.8	29.2	37.9	43.8	42.8	35.4	26.5	18.8	13.0	9.03	6.31	4.48	3.24	331	278	
-15	3.10	4.14	5.66	7.82	10.7	14.4	18.8	23.1	25.8	25.3	21.7	17.2	13.1	9.78	7.19	5.24	3.85	2.86	220	156	
-18	2.65	3.47	4.59	6.05	7.90	10.0	12.4	14.5	15.8	15.5	13.9	11.6	9.27	7.30	5.61	4.28	3.26	2.49	151	62.1	
-21	2.27	2.89	3.69	4.68	5.85	7.15	8.48	9.60	10.3	10.1	9.29	8.05	6.67	5.45	4.37	3.46	2.73	2.15	107	0.00	
-24	1.93	2.40	2.97	3.63	4.38	5.19	5.96	6.60	6.99	6.92	6.43	5.72	4.90	4.11	3.42	2.80	2.27	1.84	78.5	0.00	
-27	1.64	1.99	2.40	2.85	3.34	3.84	4.32	4.69	4.92	4.88	4.59	4.17	3.68	3.17	2.70	2.27	1.89	1.57	58.9	0.00	
	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27	
F t	57.8	76.2	103	144	209	314	465	636	750	736	611	443	298	198	136	97.0	70.9	52.8	5398	---	
F a	0.00	0.00	0.00	42.4	140	255	413	585	704	689	560	387	237	126	36.0	0.00	0.00	0.00	---	4173	

one-half-peak spread: U:7.5,D:7.9 , L:8.1,R:7.7

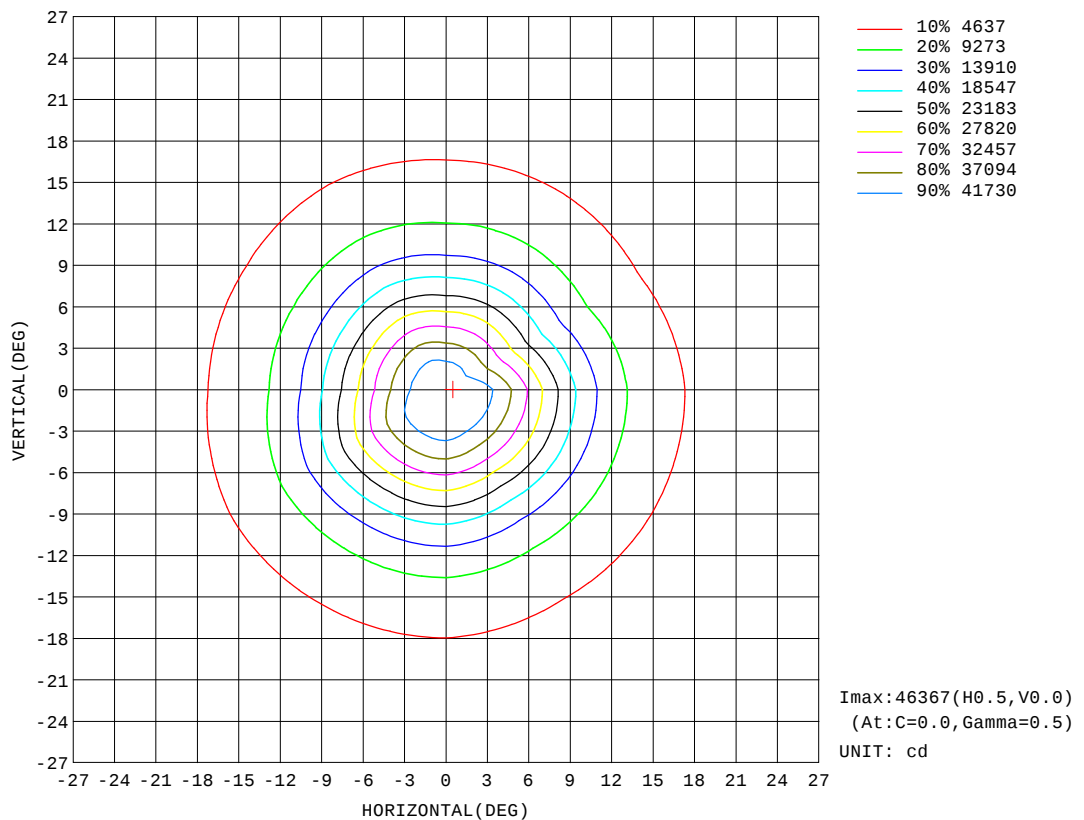
NEMA Beam Type: Type 3

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-06-30

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:DecoBody-945mm-RGBW A11-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15 DEG	DIM.:945mm	SERIAL No.:IES001221
MFR.:	SUR.:	Shielding Angle:

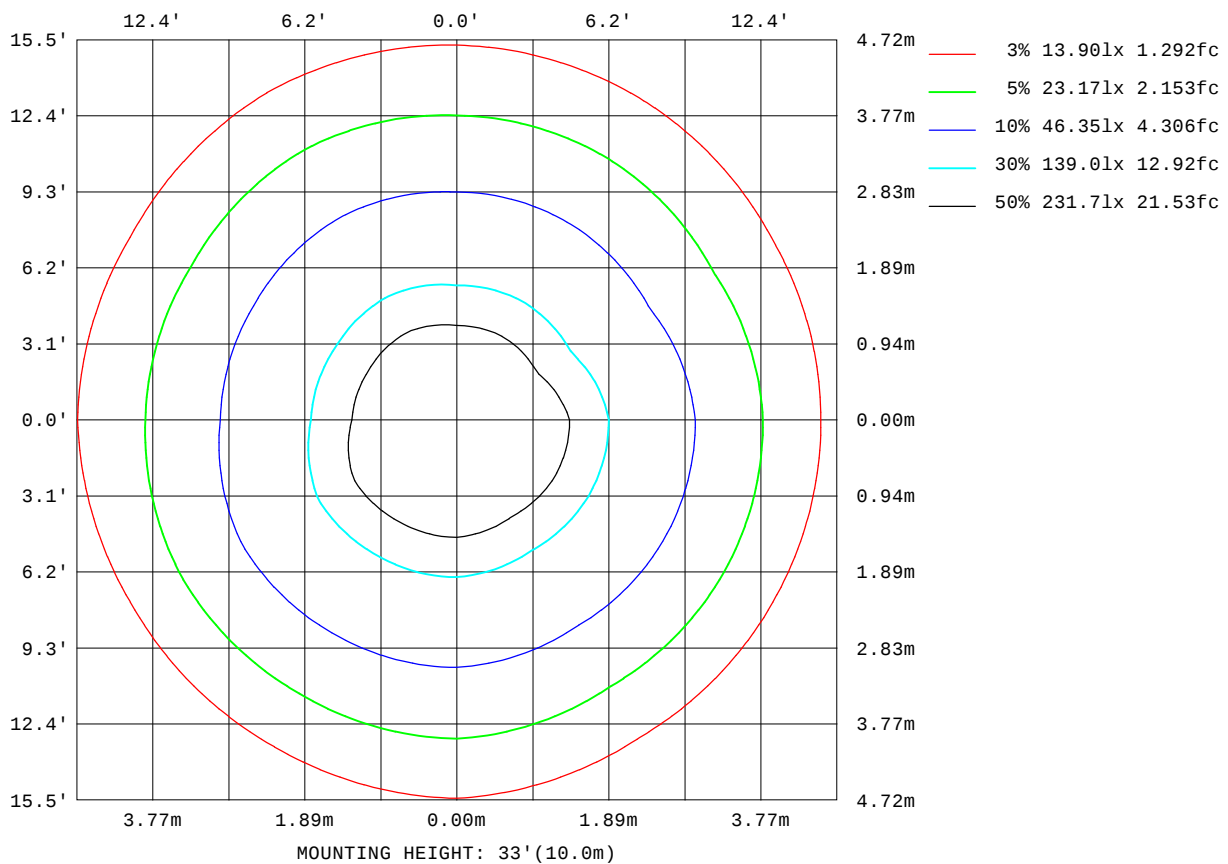


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-30

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

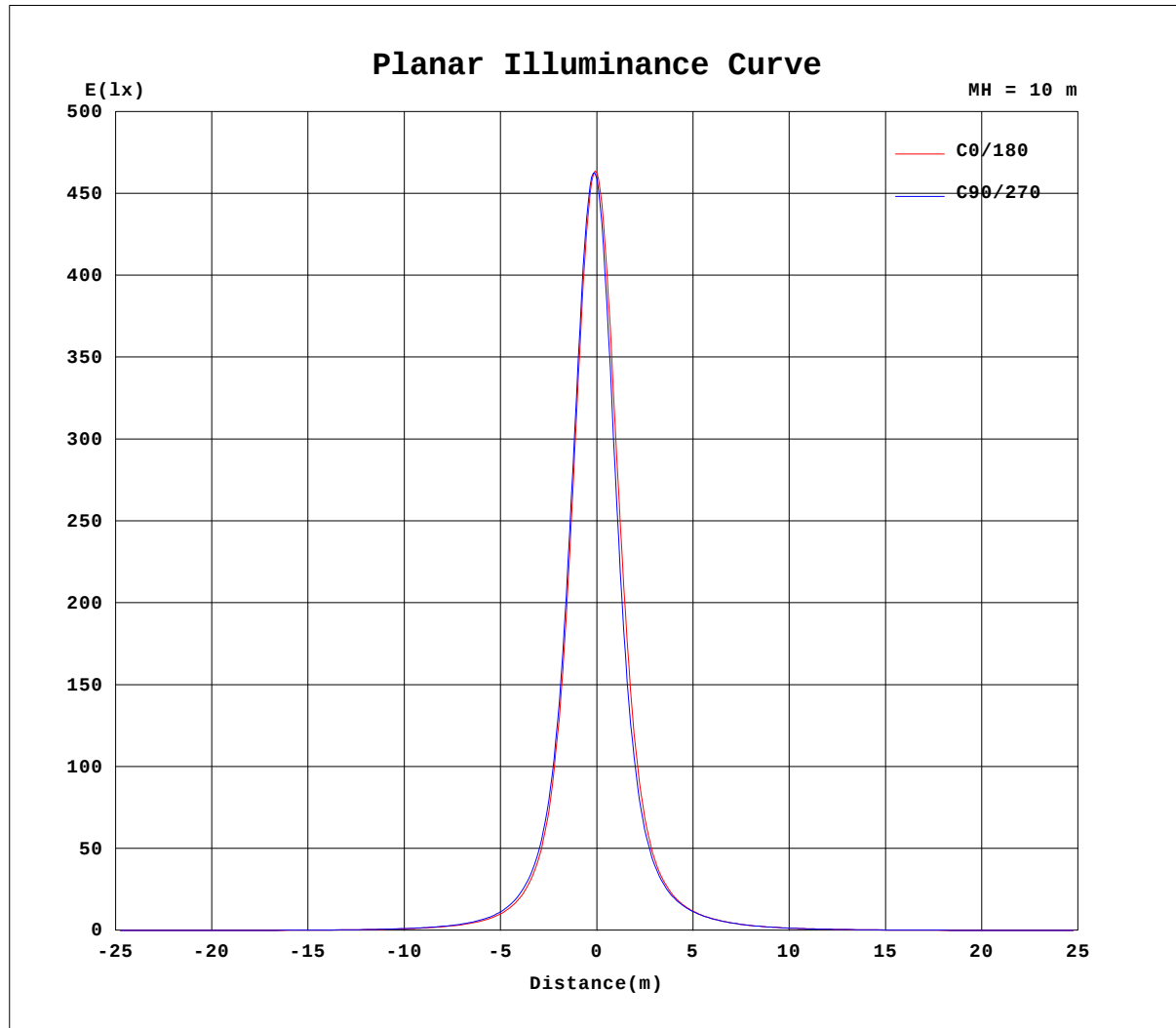
NAME:DecoBody-945mm-RGBW A11-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15 DEG	DIM.:945mm	SERIAL No.:IES001221
MFR.:	SUR.:	Shielding Angle:



H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-30

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

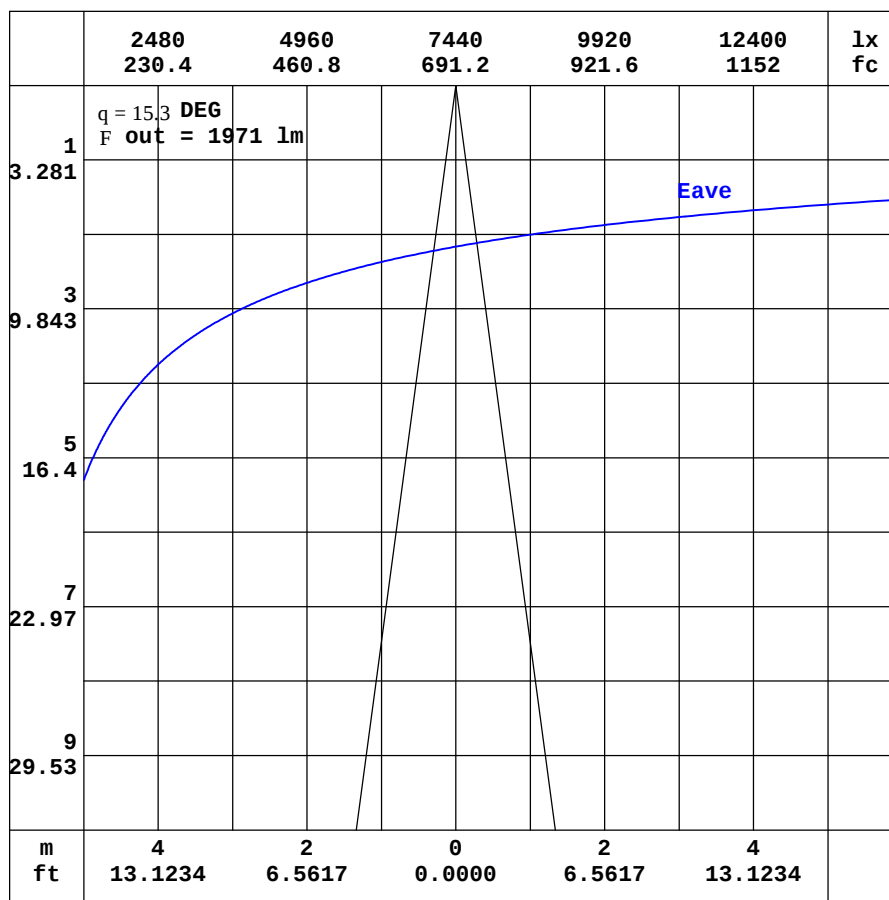


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-06-30

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:DecoBody-945mm-RGBW All-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15 DEG	DIM.:945mm	SERIAL No.:IES001221
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: 2023-06-30

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:DecoBody-945mm-RGBW All-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15 DEG	DIM.:945mm	SERIAL No.:IES001221
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: ×10cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	2.62	2.42	2.23	2.08	2.02	2.12	2.40	2.92	3.59	4.30	4.89	5.19	5.19	5.02	4.79	4.49	4.21	4.09	4.28
-170	2.62	2.38	2.18	2.00	1.91	1.93	2.09	2.39	2.79	3.22	3.58	3.79	3.86	3.89	3.92	4.05	4.36	4.74	5.08
-160	2.62	2.35	2.13	1.94	1.81	1.76	1.77	1.84	1.97	2.10	2.19	2.23	2.30	2.81	3.29	3.75	4.14	4.37	4.48
-150	2.62	2.32	2.09	1.89	1.73	1.62	1.52	1.43	1.33	1.19	1.08	1.33	1.65	2.00	2.36	2.70	2.96	3.14	3.22
-140	2.62	2.31	2.06	1.86	1.68	1.53	1.38	1.21	0.98	0.86	0.85	0.92	1.04	1.20	1.38	1.56	1.71	1.81	1.85
-130	2.62	2.30	2.04	1.83	1.64	1.48	1.32	1.14	1.02	0.94	0.87	0.81	0.78	0.78	0.80	0.84	0.87	0.90	0.90
-120	2.62	2.29	2.02	1.80	1.61	1.44	1.29	1.17	1.15	1.11	1.06	1.00	0.95	0.89	0.85	0.81	0.79	0.77	0.75
-110	2.62	2.30	2.02	1.77	1.56	1.38	1.21	1.18	1.19	1.20	1.20	1.19	1.19	1.18	1.17	1.16	1.15	1.15	1.15
-100	2.62	2.31	2.02	1.76	1.51	1.28	1.07	1.09	1.11	1.14	1.16	1.18	1.20	1.21	1.22	1.23	1.24	1.25	1.26
-90	2.62	2.34	2.05	1.76	1.48	1.19	0.90	0.92	0.93	0.94	0.96	0.97	0.99	1.00	1.02	1.03	1.04	1.06	1.07
-80	2.62	2.37	2.11	1.86	1.65	1.47	1.29	1.41	1.57	1.72	1.88	2.02	2.16	2.29	2.42	2.53	2.62	2.70	2.75
-70	2.62	2.42	2.28	2.29	2.35	2.42	2.44	2.71	3.14	3.56	3.99	4.41	4.81	5.18	5.52	5.82	6.06	6.24	6.36
-60	2.62	2.48	2.62	2.95	3.32	3.67	3.96	4.35	5.16	6.03	6.91	7.81	8.71	9.59	10.4	11.2	11.8	12.2	12.5
-50	2.62	2.59	3.03	3.71	4.43	5.14	5.86	6.57	7.73	9.33	11.0	12.9	14.9	16.9	18.9	20.7	22.3	23.4	23.9
-40	2.62	2.73	3.48	4.51	5.60	6.80	8.12	9.60	11.2	13.5	16.7	20.5	24.9	29.9	35.1	40.3	44.8	48.2	49.9
-30	2.62	2.87	3.90	5.27	6.79	8.56	10.7	13.2	16.1	19.6	24.2	32.1	41.6	53.0	66.4	81.4	96.4	108	114
-20	2.62	3.00	4.28	5.96	7.91	10.3	13.2	16.9	21.8	28.2	37.1	48.8	65.1	92.2	132	188	257	323	352
-10	2.62	3.10	4.59	6.51	8.83	11.8	15.5	20.5	27.5	37.0	50.6	70.6	101	154	256	465	862	1434	1777
0	2.62	3.18	4.79	6.89	9.47	12.8	17.1	22.9	31.4	42.8	60.1	85.7	125	191	326	645	1529	3315	4628
10	2.62	3.16	4.73	6.78	9.27	12.4	16.6	22.1	29.8	40.1	55.1	77.1	109	159	244	405	713	1160	1319
20	2.62	3.11	4.55	6.46	8.74	11.5	15.2	19.8	25.9	33.9	44.6	59.5	79.5	107	144	192	248	293	305
30	2.62	3.03	4.28	5.97	7.93	10.3	13.1	16.8	21.2	26.6	33.3	42.0	53.0	66.2	81.3	97.1	111	120	124
40	2.62	2.93	3.94	5.34	6.92	8.76	10.9	13.4	16.4	19.9	24.0	28.7	33.9	39.6	45.6	51.0	55.6	58.7	59.9
50	2.62	2.83	3.56	4.61	5.83	7.16	8.65	10.3	12.1	14.3	16.6	18.9	21.4	23.8	26.2	28.5	30.2	31.3	31.7
60	2.62	2.75	3.19	3.88	4.71	5.60	6.55	7.56	8.66	9.79	11.0	12.2	13.3	14.5	15.5	16.4	17.1	17.6	17.8
70	2.62	2.71	2.88	3.23	3.67	4.16	4.70	5.25	5.83	6.40	6.97	7.52	8.02	8.48	8.86	9.17	9.41	9.56	9.62
80	2.62	2.67	2.72	2.78	2.90	3.06	3.24	3.43	3.63	3.83	4.03	4.22	4.40	4.54	4.65	4.75	4.82	4.86	4.88
90	2.62	2.63	2.64	2.64	2.65	2.66	2.67	2.67	2.67	2.67	2.68	2.68	2.68	2.67	2.67	2.66	2.66	2.65	2.65
100	2.62	2.59	2.56	2.53	2.49	2.46	2.43	2.39	2.34	2.30	2.26	2.22	2.19	2.16	2.14	2.13	2.11	2.10	2.09
110	2.62	2.55	2.49	2.42	2.35	2.29	2.22	2.16	2.10	2.06	2.03	2.01	2.00	1.99	1.98	1.98	1.98	1.98	1.97
120	2.62	2.52	2.42	2.32	2.23	2.14	2.07	2.02	2.00	1.99	2.00	2.01	2.03	2.06	2.09	2.12	2.14	2.16	2.16
130	2.62	2.49	2.36	2.24	2.13	2.05	2.01	2.01	2.05	2.12	2.22	2.36	2.51	2.68	2.88	3.08	3.24	3.34	3.39
140	2.62	2.46	2.32	2.18	2.06	2.01	2.03	2.11	2.27	2.52	2.85	3.24	3.67	4.09	4.46	4.76	4.97	5.10	5.16
150	2.62	2.44	2.28	2.13	2.03	2.02	2.11	2.32	2.68	3.16	3.72	4.29	4.80	5.20	5.48	5.65	5.75	5.80	5.82
160	2.62	2.43	2.25	2.10	2.02	2.06	2.24	2.59	3.12	3.76	4.42	4.98	5.40	5.65	5.80	5.92	6.04	6.08	6.12
170	2.62	2.42	2.24	2.08	2.02	2.10	2.35	2.81	3.45	4.16	4.80	5.24	5.45	5.53	5.55	5.49	5.43	5.53	5.65
180	2.62	2.42	2.23	2.08	2.02	2.12	2.40	2.92	3.59	4.30	4.89	5.19	5.19	5.02	4.79	4.49	4.21	4.09	4.28

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-06-30

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:DecoBody-945mm-RGBW All-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15 DEG	DIM.:945mm	SERIAL No.:IES001221
MFR.:	SUR.:	Shielding Angle:

Table--2
UNIT: ×10cd

H(°) \ V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	3.78	3.60	3.49	3.34	3.08	2.73	2.33	1.90	1.48	1.15	0.97	0.95	1.02	1.12	1.20	1.20	1.11	0.95
-170	4.92	4.58	4.30	3.88	3.38	2.86	2.34	1.85	1.41	1.10	0.95	0.95	1.02	1.13	1.20	1.20	1.10	0.95
-160	4.42	4.24	3.91	3.51	3.05	2.56	2.04	1.59	1.23	1.00	0.92	0.95	1.04	1.14	1.20	1.19	1.10	0.95
-150	3.19	3.07	2.86	2.56	2.21	1.84	1.50	1.22	1.01	0.91	0.92	0.98	1.08	1.16	1.21	1.18	1.09	0.95
-140	1.85	1.79	1.67	1.51	1.33	1.15	1.01	0.91	0.88	0.90	0.96	1.05	1.13	1.19	1.21	1.17	1.08	0.95
-130	0.91	0.91	0.88	0.85	0.82	0.81	0.82	0.86	0.92	0.99	1.06	1.13	1.19	1.21	1.20	1.15	1.06	0.95
-120	0.76	0.78	0.80	0.83	0.86	0.91	0.97	1.03	1.08	1.13	1.17	1.20	1.21	1.21	1.21	1.12	1.04	0.95
-110	1.15	1.15	1.15	1.16	1.17	1.18	1.20	1.21	1.22	1.22	1.22	1.21	1.20	1.17	1.13	1.07	1.01	0.95
-100	1.26	1.25	1.25	1.25	1.25	1.24	1.23	1.22	1.21	1.19	1.17	1.14	1.12	1.09	1.06	1.02	0.98	0.95
-90	1.07	1.07	1.07	1.07	1.07	1.06	1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.96	0.95
-80	2.71	2.64	2.56	2.46	2.35	2.22	2.10	1.97	1.83	1.69	1.54	1.39	1.25	1.12	1.01	0.94	0.93	0.95
-70	6.24	6.05	5.80	5.50	5.16	4.80	4.45	4.07	3.67	3.26	2.85	2.45	2.08	1.72	1.37	1.10	0.93	0.95
-60	12.2	11.7	11.1	10.3	9.45	8.62	7.79	6.94	6.11	5.30	4.51	3.78	3.09	2.45	1.87	1.35	0.98	0.95
-50	23.3	22.0	20.4	18.5	16.5	14.6	12.7	11.0	9.33	7.83	6.48	5.30	4.22	3.25	2.37	1.63	1.06	0.95
-40	47.7	43.9	39.1	33.8	28.9	24.2	20.0	16.4	13.4	10.9	8.77	6.93	5.37	4.03	2.88	1.91	1.14	0.95
-30	106	93.2	77.7	63.3	50.8	39.9	31.0	23.6	18.4	14.4	11.2	8.59	6.48	4.76	3.33	2.14	1.22	0.95
-20	312	241	176	125	87.3	62.2	45.1	33.0	24.1	18.0	13.5	10.1	7.42	5.34	3.68	2.32	1.28	0.95
-10	1327	779	422	236	139	88.2	59.2	41.1	29.1	20.9	15.3	11.1	8.08	5.74	3.91	2.44	1.32	0.95
0	3607	1660	671	315	169	101	65.8	44.7	31.1	22.1	16.0	11.5	8.32	5.89	3.99	2.48	1.33	0.95
10	1079	646	368	225	144	95.6	65.0	45.1	31.9	23.0	16.7	12.1	8.71	6.14	4.15	2.57	1.37	0.95
20	283	234	180	135	101	74.9	54.6	39.8	29.3	21.7	16.1	11.9	8.60	6.10	4.13	2.56	1.38	0.95
30	118	107	92.5	77.1	62.8	50.4	40.1	31.9	24.8	19.1	14.5	10.9	8.06	5.79	3.96	2.49	1.36	0.95
40	58.0	54.3	49.5	43.8	38.1	32.6	27.7	23.1	19.3	15.7	12.3	9.48	7.17	5.24	3.63	2.33	1.32	0.95
50	31.0	29.8	27.8	25.5	23.1	20.7	18.4	16.1	14.0	11.9	9.91	7.85	6.06	4.52	3.20	2.10	1.28	0.95
60	17.5	16.9	16.1	15.2	14.1	13.0	11.9	10.8	9.64	8.53	7.45	6.14	4.84	3.70	2.71	1.86	1.22	0.95
70	9.53	9.35	9.09	8.75	8.34	7.89	7.39	6.86	6.30	5.73	5.15	4.49	3.66	2.89	2.21	1.63	1.19	0.95
80	4.84	4.79	4.70	4.59	4.46	4.31	4.14	3.95	3.75	3.55	3.35	3.14	2.67	2.24	1.84	1.50	1.20	0.95
90	2.64	2.63	2.63	2.62	2.62	2.61	2.60	2.60	2.59	2.59	2.58	2.58	2.31	2.03	1.76	1.49	1.22	0.95
100	2.09	2.09	2.10	2.10	2.11	2.13	2.15	2.18	2.21	2.25	2.29	2.31	2.14	1.94	1.73	1.49	1.23	0.95
110	1.97	1.97	1.96	1.96	1.96	1.95	1.96	1.97	1.98	2.01	2.06	2.06	1.96	1.84	1.68	1.48	1.23	0.95
120	2.17	2.16	2.14	2.11	2.08	2.04	2.01	1.98	1.96	1.94	1.95	1.88	1.81	1.73	1.62	1.46	1.23	0.95
130	3.38	3.30	3.17	3.00	2.80	2.62	2.44	2.28	2.15	2.05	1.92	1.78	1.69	1.63	1.55	1.43	1.23	0.95
140	5.11	5.01	4.84	4.58	4.23	3.82	3.40	2.99	2.63	2.26	1.91	1.70	1.59	1.53	1.48	1.39	1.21	0.95
150	5.79	5.73	5.64	5.48	5.24	4.89	4.41	3.87	3.04	2.33	1.86	1.60	1.48	1.43	1.41	1.34	1.19	0.95
160	6.07	6.01	5.87	5.75	5.61	5.39	4.63	3.75	2.91	2.19	1.70	1.44	1.34	1.33	1.34	1.30	1.17	0.95
170	5.57	5.50	5.52	5.28	4.81	4.27	3.67	3.02	2.35	1.78	1.40	1.22	1.19	1.23	1.27	1.25	1.14	0.95
180	3.78	3.60	3.49	3.34	3.08	2.73	2.33	1.90	1.48	1.15	0.97	0.95	1.02	1.12	1.20	1.20	1.11	0.95

H_b Range:-90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-30

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: