

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3005.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	56.4V x 55.7H
	At 50% of Imax	25.9V x 26.0H
	At 90% of Imax	9.3V x 10.0H

Beam Flux	Total	999.9 lumens per klm.
	To 10% of Imax	731.1 lumens per klm.
	To 50% of Imax	342.9 lumens per klm.
	To 90% of Imax	62.0 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

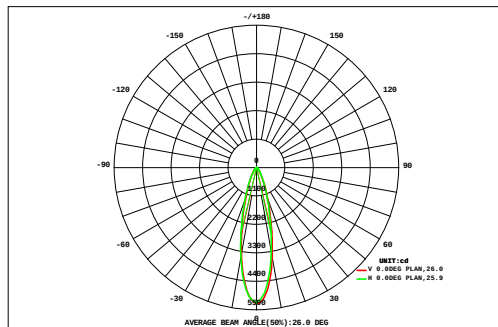
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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-330mm-RGBW ALL-25D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:25 DEG	DIM.:330mm	SERIAL No.:IES001507
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:53.71lm/W	
MODEL		Imax(cd)	5247
NOMINAL POWER(W)	32.5	AVAILABILITY(%)	73.1
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1276
NOMINAL FLUX(lm)	1746	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1746
TEST VOLTAGE(V)	221.4	q @50%(H,V)	26,26DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm				F t	F a
	0.34	0.45	0.56	0.69	0.83	0.96	1.08	1.17	1.22	1.21	1.15	1.05	0.93	0.80	0.67	0.54	0.43	0.34	14.4	0.00	
45	0.41	0.54	0.70	0.88	1.09	1.30	1.50	1.66	1.75	1.74	1.63	1.46	1.25	1.04	0.85	0.67	0.52	0.40	19.4	0.00	
40	0.48	0.65	0.87	1.14	1.46	1.82	2.19	2.48	2.63	2.61	2.41	2.09	1.72	1.38	1.08	0.83	0.62	0.46	26.9	0.00	
35	0.56	0.77	1.07	1.47	1.99	2.62	3.29	3.86	4.18	4.13	3.72	3.11	2.45	1.86	1.38	1.01	0.73	0.52	38.7	9.10	
30	0.64	0.92	1.31	1.89	2.70	3.79	5.10	6.29	6.97	6.86	6.01	4.76	3.52	2.50	1.75	1.23	0.85	0.58	57.7	38.4	
25	0.72	1.06	1.58	2.38	3.62	5.48	7.94	10.4	11.9	11.6	9.88	7.35	5.03	3.32	2.19	1.45	0.97	0.64	87.6	71.9	
20	0.79	1.20	1.86	2.93	4.71	7.62	11.9	16.8	19.8	19.4	15.8	10.9	6.94	4.32	2.70	1.69	1.07	0.69	131	118	
15	0.85	1.31	2.09	3.43	5.79	9.87	16.3	24.2	29.7	29.0	22.8	15.0	9.27	5.49	3.21	1.90	1.16	0.72	182	170	
-15	0.88	1.37	2.23	3.74	6.49	11.5	19.6	29.5	36.8	36.0	28.8	19.5	11.5	6.43	3.57	2.03	1.20	0.73	222	211	
	0.87	1.36	2.23	3.77	6.61	11.8	20.2	30.5	37.2	37.2	30.5	20.4	11.9	6.59	3.62	2.03	1.19	0.72	229	218	
	0.82	1.27	2.08	3.50	6.08	10.7	17.8	25.5	30.5	30.3	24.9	17.1	10.3	5.87	3.31	1.90	1.13	0.69	194	182	
	0.74	1.14	1.81	2.98	5.01	8.30	12.8	17.6	21.1	20.9	17.2	12.3	7.86	4.73	2.80	1.67	1.02	0.65	141	128	
-20	0.66	0.98	1.49	2.37	3.75	5.78	8.37	11.0	12.9	12.8	10.7	8.01	5.48	3.54	2.23	1.39	0.89	0.58	93.0	78.8	
-25	0.56	0.81	1.19	1.79	2.68	3.85	5.24	6.62	7.53	7.47	6.45	5.02	3.65	2.53	1.69	1.12	0.76	0.51	59.5	41.6	
-30	0.47	0.66	0.94	1.34	1.87	2.54	3.27	3.95	4.38	4.34	3.85	3.13	2.41	1.77	1.27	0.90	0.63	0.44	38.2	10.5	
-35	0.39	0.54	0.74	1.00	1.32	1.69	2.08	2.42	2.62	2.60	2.36	2.00	1.61	1.26	0.95	0.71	0.52	0.37	25.2	0.00	
-40	0.32	0.44	0.58	0.74	0.94	1.16	1.36	1.53	1.63	1.62	1.50	1.32	1.11	0.90	0.71	0.56	0.42	0.31	17.1	0.00	
-45	0.26	0.35	0.45	0.56	0.68	0.81	0.93	1.02	1.07	1.07	1.00	0.90	0.78	0.66	0.54	0.44	0.34	0.26	12.1	0.00	
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45	
F t	10.8	15.8	23.8	36.6	57.6	91.5	141	196	234	231	191	136	87.7	55.0	34.5	22.1	14.5	9.63	1588	---	
F a	0.00	0.00	0.00	9.09	38.4	75.1	126	182	220	217	176	120	70.7	34.9	6.61	0.00	0.00	0.00	---	1276	

one-half-peak spread: U:13.5,D:12.6 , L:12.9,R:13.3

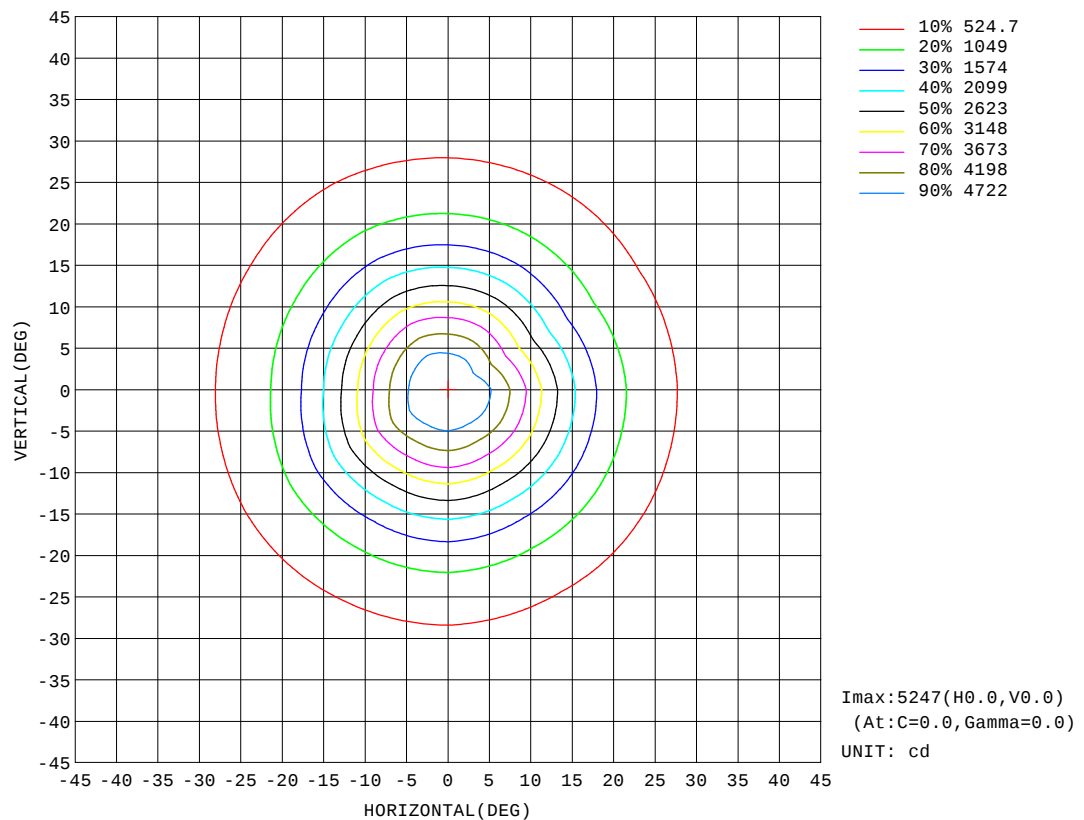
NEMA Beam Type: Type 4

$H(b)$ Range: -90 - 90DEG
 $H(b)$ Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-08-14

$V(B)$ 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-330mm-RGBW ALL-25D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:25 DEG	DIM.:330mm	SERIAL No.:IES001507
MFR.:	SUR.:	Shielding Angle:

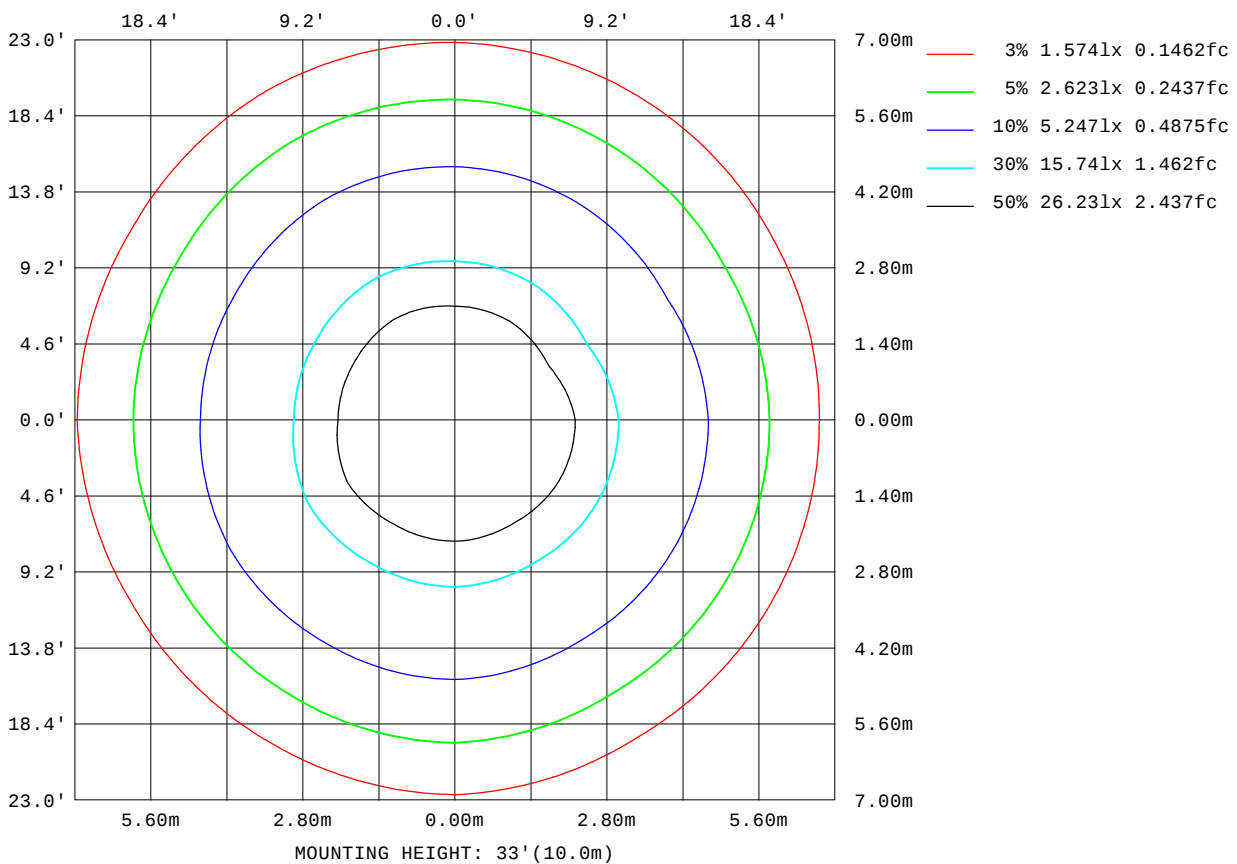


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

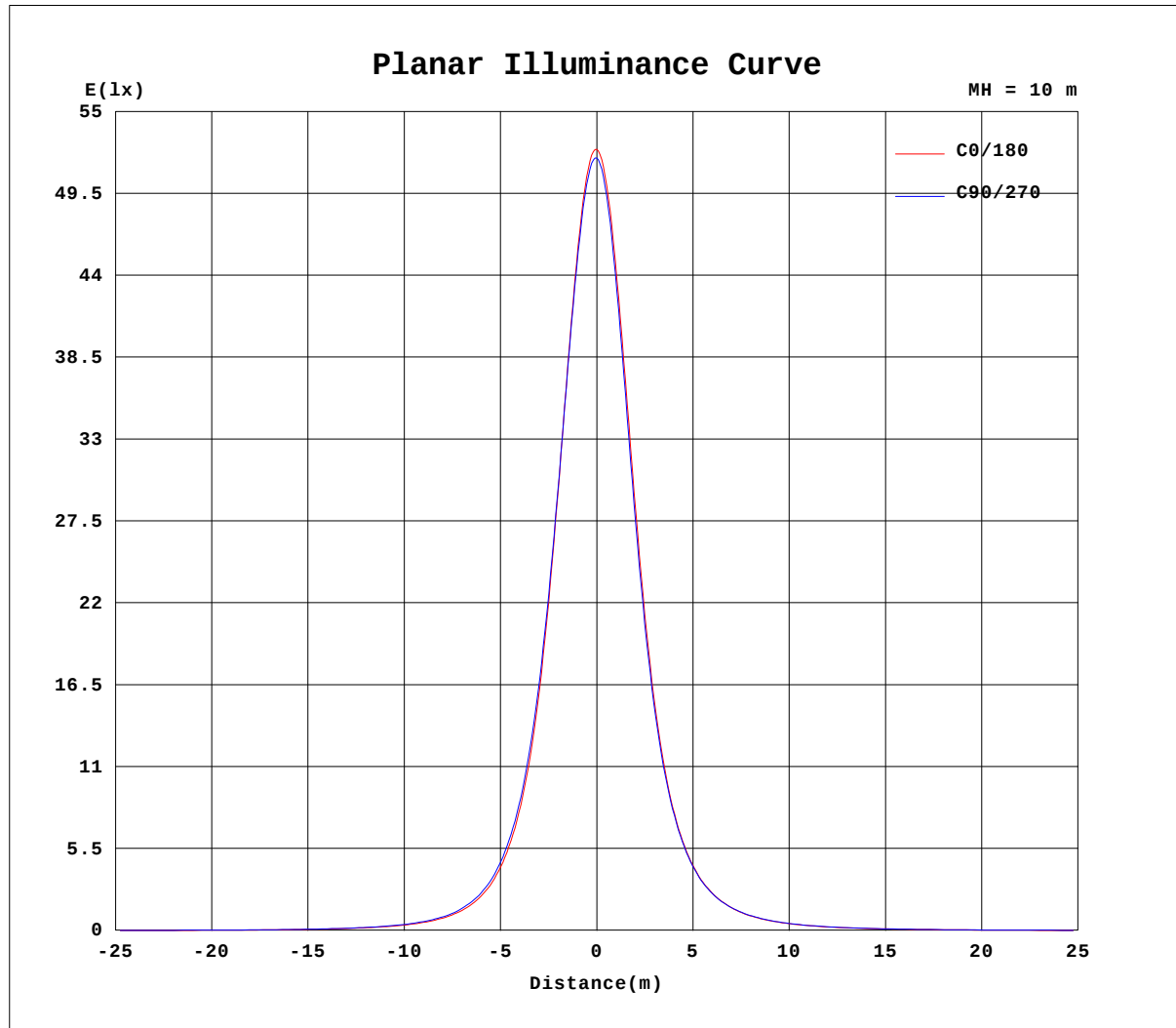
NAME:DecoBody-330mm-RGBW ALL-25D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:25 DEG	DIM.:330mm	SERIAL No.:IES001507
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-14

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: 2023-08-14

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:

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

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:DecoBody-330mm-RGBW ALL-25D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:25 DEG	DIM.:330mm	SERIAL No.:IES001507
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	6.92	6.23	5.70	5.42	5.45	5.74	6.45	7.65	9.27	11.0	12.6	13.6	14.1	14.2	14.1	13.8	13.3	12.5	12.7
-170	6.92	6.13	5.55	5.20	5.11	5.21	5.58	6.29	7.24	8.28	9.15	9.73	10.0	10.1	10.1	10.2	10.9	11.3	11.6
-160	6.92	6.05	5.41	4.99	4.79	4.69	4.71	4.89	5.17	5.45	5.63	5.64	5.72	6.92	8.05	9.02	9.78	10.2	10.5
-150	6.92	5.99	5.31	4.82	4.51	4.25	4.00	3.76	3.51	3.15	2.85	3.45	4.21	5.05	5.88	6.64	7.21	7.58	7.74
-140	6.92	5.95	5.23	4.69	4.27	3.93	3.55	3.08	2.52	2.29	2.36	2.56	2.88	3.29	3.71	4.11	4.44	4.66	4.75
-130	6.92	5.94	5.18	4.59	4.11	3.70	3.29	2.81	2.51	2.39	2.31	2.29	2.30	2.34	2.43	2.55	2.65	2.73	2.77
-120	6.92	5.95	5.16	4.52	4.00	3.53	3.10	2.79	2.75	2.68	2.61	2.54	2.47	2.41	2.37	2.33	2.31	2.31	2.30
-110	6.92	5.98	5.17	4.48	3.89	3.38	2.92	2.80	2.81	2.81	2.81	2.82	2.82	2.80	2.78	2.75	2.73	2.72	2.71
-100	6.92	6.04	5.23	4.48	3.79	3.16	2.57	2.58	2.62	2.66	2.69	2.72	2.73	2.76	2.79	2.81	2.83	2.85	2.86
-90	6.92	6.13	5.34	4.55	3.76	2.97	2.18	2.19	2.19	2.20	2.21	2.21	2.22	2.22	2.23	2.24	2.25	2.26	2.26
-80	6.92	6.24	5.51	4.76	4.02	3.34	2.79	3.07	3.43	3.85	4.29	4.72	5.11	5.55	5.99	6.38	6.73	7.01	7.22
-70	6.92	6.38	5.85	5.62	5.57	5.79	6.09	6.96	8.30	9.78	11.4	13.0	14.6	16.0	17.2	18.3	19.1	19.7	20.1
-60	6.92	6.57	6.56	7.21	8.29	9.49	10.7	12.4	15.4	18.8	22.2	25.8	29.2	32.4	35.3	37.8	39.7	41.1	41.8
-50	6.92	6.80	7.49	9.23	11.5	13.9	16.9	20.1	24.8	30.8	37.3	44.1	51.3	58.4	65.2	71.3	76.5	80.0	81.6
-40	6.92	7.04	8.67	11.4	14.9	19.1	24.2	30.2	37.0	46.2	58.0	71.5	86.9	104	122	141	157	168	173
-30	6.92	7.34	9.70	13.7	18.4	24.6	32.2	41.6	53.0	67.2	85.7	113	148	194	250	314	377	425	445
-20	6.92	7.66	10.7	15.6	21.7	29.7	40.0	53.1	70.2	93.1	125	173	247	369	541	764	1010	1229	1320
-10	6.92	7.94	11.4	17.1	24.2	33.9	46.5	62.9	85.3	117	165	241	377	611	1020	1671	2474	3183	3515
0	6.92	8.13	12.0	18.1	25.8	36.4	50.4	68.9	94.5	131	187	280	436	715	1220	2101	3392	4672	5247
10	6.92	8.09	11.8	17.8	25.3	35.5	48.9	66.3	90.0	123	173	249	377	588	944	1510	2308	3081	3298
20	6.92	7.98	11.3	16.9	23.7	32.7	44.4	59.3	78.6	104	140	191	263	371	526	734	968	1142	1197
30	6.92	7.80	10.7	15.6	21.2	28.7	38.1	49.6	63.8	81.4	103	132	169	214	269	329	382	420	432
40	6.92	7.62	9.92	13.6	18.3	23.9	30.8	39.1	48.7	60.1	73.6	89.0	106	125	144	162	177	187	191
50	6.92	7.50	8.95	11.5	15.2	19.0	23.6	28.9	35.2	42.4	50.1	58.3	66.8	75.2	82.6	89.0	94.2	97.4	98.6
60	6.92	7.34	8.14	9.74	11.8	14.6	17.2	20.2	23.9	27.9	32.1	36.4	40.7	44.6	47.8	50.5	52.6	54.0	54.5
70	6.92	7.19	7.56	8.19	9.19	10.4	11.9	13.6	15.3	17.0	18.9	20.8	22.7	24.4	25.8	27.0	27.8	28.4	28.7
80	6.92	7.06	7.21	7.39	7.60	7.85	8.17	8.62	9.13	9.68	10.2	10.7	11.3	11.7	12.1	12.4	12.7	12.9	13.1
90	6.92	6.93	6.94	6.95	6.96	6.97	6.98	6.98	6.97	6.97	6.96	6.96	6.95	6.94	6.93	6.92	6.90	6.89	6.88
100	6.92	6.80	6.68	6.57	6.46	6.36	6.26	6.17	6.08	6.00	5.94	5.88	5.83	5.79	5.75	5.73	5.71	5.70	5.70
110	6.92	6.67	6.44	6.23	6.04	5.88	5.75	5.63	5.54	5.47	5.42	5.41	5.40	5.40	5.41	5.41	5.41	5.40	5.40
120	6.92	6.56	6.24	5.96	5.74	5.57	5.47	5.42	5.41	5.43	5.51	5.63	5.77	5.92	6.07	6.20	6.31	6.38	6.41
130	6.92	6.46	6.06	5.75	5.54	5.43	5.41	5.45	5.64	5.93	6.31	6.77	7.26	7.75	8.24	8.65	8.98	9.19	9.27
140	6.92	6.38	5.93	5.61	5.43	5.41	5.51	5.82	6.31	7.02	7.89	8.82	9.76	10.6	11.3	11.9	12.3	12.5	12.6
150	6.92	6.31	5.83	5.51	5.41	5.47	5.78	6.38	7.30	8.48	9.79	11.0	12.1	13.0	13.6	14.0	14.3	14.4	14.5
160	6.92	6.26	5.76	5.46	5.42	5.59	6.09	7.00	8.30	9.84	11.4	12.6	13.5	14.1	14.5	14.8	14.9	14.9	15.0
170	6.92	6.24	5.72	5.43	5.44	5.70	6.35	7.47	9.01	10.7	12.3	13.4	14.1	14.4	14.5	14.4	14.2	13.9	13.9
180	6.92	6.23	5.70	5.42	5.45	5.74	6.45	7.65	9.27	11.0	12.6	13.6	14.1	14.2	14.1	13.8	13.3	12.5	12.7

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-08-14

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-330mm-RGBW ALL-25D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:25 DEG	DIM.:330mm	SERIAL No.:IES001507
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	11.3	11.1	10.6	9.81	8.74	7.47	6.10	4.76	3.61	2.79	2.37	2.36	2.53	2.77	2.86	2.80	2.57	2.20
-170	11.2	10.9	10.4	9.60	8.48	7.17	5.81	4.51	3.44	2.70	2.35	2.35	2.54	2.77	2.86	2.80	2.57	2.20
-160	10.3	9.88	9.21	8.32	7.23	6.05	4.88	3.83	3.02	2.51	2.33	2.38	2.59	2.79	2.86	2.79	2.56	2.20
-150	7.64	7.33	6.80	6.09	5.28	4.44	3.66	3.01	2.56	2.34	2.33	2.46	2.67	2.83	2.86	2.77	2.54	2.20
-140	4.70	4.52	4.22	3.84	3.42	3.00	2.66	2.42	2.32	2.31	2.42	2.60	2.76	2.85	2.84	2.73	2.51	2.20
-130	2.75	2.68	2.59	2.47	2.37	2.31	2.30	2.31	2.37	2.48	2.62	2.75	2.83	2.85	2.81	2.67	2.47	2.20
-120	2.31	2.31	2.32	2.35	2.39	2.45	2.51	2.59	2.67	2.74	2.80	2.84	2.85	2.83	2.74	2.59	2.42	2.20
-110	2.72	2.73	2.75	2.77	2.80	2.82	2.84	2.85	2.85	2.85	2.85	2.84	2.79	2.71	2.61	2.50	2.36	2.20
-100	2.85	2.84	2.83	2.81	2.80	2.78	2.77	2.76	2.74	2.71	2.68	2.65	2.59	2.52	2.45	2.37	2.29	2.20
-90	2.27	2.28	2.28	2.29	2.30	2.31	2.31	2.31	2.32	2.32	2.33	2.33	2.31	2.29	2.27	2.25	2.22	2.20
-80	7.00	6.71	6.36	5.96	5.52	5.07	4.69	4.27	3.85	3.44	3.10	2.73	2.44	2.23	2.17	2.17	2.17	2.20
-70	19.7	19.1	18.2	17.1	15.8	14.4	12.9	11.3	9.70	8.19	6.83	5.69	4.50	3.44	2.71	2.21	2.15	2.20
-60	40.9	39.4	37.3	34.7	31.8	28.7	25.4	21.9	18.6	15.3	12.3	9.68	7.46	5.62	3.81	2.65	2.14	2.20
-50	79.5	75.4	69.9	63.5	56.7	50.0	43.2	36.6	30.4	24.5	19.4	14.9	11.0	7.86	5.37	3.26	2.18	2.20
-40	166	154	137	117	100.0	83.8	69.2	56.4	45.3	35.8	27.6	20.7	15.0	10.3	6.81	3.90	2.29	2.20
-30	418	364	299	237	184	141	108	82.5	63.3	48.3	36.2	26.5	18.8	12.7	8.05	4.60	2.44	2.20
-20	1207	973	726	511	348	233	161	114	82.6	60.4	44.0	31.6	22.1	14.7	9.05	5.15	2.55	2.20
-10	3134	2392	1588	970	581	351	219	144	98.8	69.8	49.7	35.0	24.2	15.9	9.73	5.53	2.61	2.20
0	4766	3518	2185	1250	706	409	247	158	105	73.3	51.6	36.1	24.8	16.3	9.96	5.65	2.62	2.20
10	2954	2139	1373	871	547	346	225	151	104	74.2	52.9	37.2	25.7	16.9	10.4	5.87	2.76	2.20
20	1105	907	678	485	343	244	176	127	93.1	68.5	50.0	35.8	24.9	16.6	10.2	5.82	2.85	2.20
30	411	367	311	251	202	160	126	99.1	76.9	58.7	43.9	32.1	22.7	15.3	9.73	5.54	2.88	2.20
40	185	173	157	138	120	102	86.1	71.6	58.7	46.9	36.0	27.0	19.5	13.4	8.86	5.09	2.85	2.20
50	96.8	93.0	87.3	80.7	73.2	65.1	57.0	49.1	41.5	34.5	27.8	21.3	15.8	11.3	7.63	4.66	2.83	2.20
60	53.7	52.2	49.9	47.1	43.8	39.9	35.8	31.6	27.5	23.5	19.8	15.8	12.2	9.08	6.20	4.15	2.86	2.20
70	28.4	27.7	26.8	25.6	24.2	22.5	20.6	18.6	16.7	14.8	13.1	11.3	8.89	6.88	5.15	3.83	2.90	2.20
80	12.9	12.7	12.4	12.0	11.5	11.0	10.5	9.93	9.40	8.90	8.38	7.84	6.70	5.62	4.64	3.76	2.93	2.20
90	6.87	6.87	6.86	6.86	6.85	6.84	6.84	6.83	6.82	6.82	6.81	6.80	6.04	5.27	4.50	3.74	2.97	2.20
100	5.69	5.68	5.68	5.69	5.71	5.73	5.77	5.82	5.87	5.94	6.01	6.05	5.54	4.99	4.38	3.72	2.99	2.20
110	5.40	5.40	5.39	5.38	5.37	5.36	5.35	5.36	5.38	5.43	5.51	5.46	5.10	4.70	4.23	3.67	3.00	2.20
120	6.39	6.33	6.22	6.09	5.94	5.79	5.64	5.50	5.39	5.34	5.34	5.09	4.76	4.43	4.06	3.59	2.99	2.20
130	9.21	9.03	8.72	8.32	7.85	7.36	6.85	6.37	5.97	5.64	5.26	4.81	4.49	4.19	3.89	3.50	2.95	2.20
140	12.5	12.3	11.9	11.4	10.7	9.91	8.99	8.04	7.16	6.17	5.19	4.57	4.21	3.96	3.70	3.38	2.90	2.20
150	14.4	14.3	14.0	13.6	13.0	12.2	11.2	9.99	7.98	6.21	4.99	4.26	3.89	3.70	3.51	3.25	2.84	2.20
160	14.9	14.8	14.7	14.5	14.1	13.6	11.7	9.51	7.43	5.69	4.48	3.79	3.50	3.40	3.30	3.11	2.76	2.20
170	13.8	14.0	14.3	13.7	12.5	11.0	9.33	7.57	5.89	4.49	3.56	3.13	3.03	3.09	3.09	2.96	2.67	2.20
180	11.3	11.1	10.6	9.81	8.74	7.47	6.10	4.76	3.61	2.79	2.37	2.36	2.53	2.77	2.86	2.80	2.57	2.20

H_b) Range:-90 - 90DEG
H_b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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: