

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3279.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	41.4V x 67.3H
	At 50% of Imax	15.6V x 38.2H
	At 90% of Imax	5.9V x 16.5H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	719.8 lumens per klm.
	To 50% of Imax	351.4 lumens per klm.
	To 90% of Imax	79.2 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

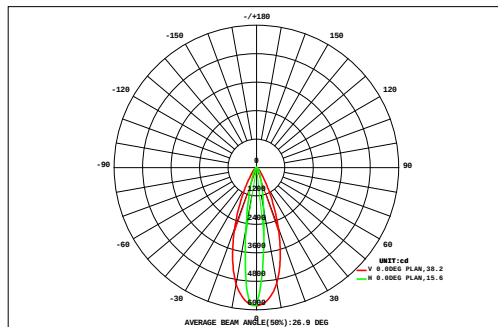
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15x40 DEG	DIM.:330mm	SERIAL No.:IES001524
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:54.61lm/W	
MODEL	DLF RGBW 330MM	Imax(cd)	5822
NOMINAL POWER(W)	33.1	AVAILABILITY(%)	72.0
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1278
NOMINAL FLUX(lm)	1775	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1775
TEST VOLTAGE(V)	221.4	q @50%(H,V)	38,16DEG

45 40 35 30 25 20 15 10 5 -5 -10 -15 -20 -25 -30 -35 -40 -45	AREA FLUX DIAGRAM																UNIT:lm				F t	F a
	0.34	0.43	0.52	0.61	0.69	0.76	0.83	0.86	0.87	0.87	0.86	0.82	0.75	0.68	0.60	0.51	0.42	0.33	11.7	0.00		
0.41	0.53	0.66	0.79	0.91	1.01	1.11	1.17	1.18	1.18	1.15	1.09	0.98	0.88	0.77	0.64	0.52	0.40	15.4	0.00			
0.50	0.66	0.85	1.05	1.23	1.36	1.52	1.63	1.64	1.63	1.60	1.48	1.32	1.18	1.01	0.82	0.64	0.48	20.6	0.00			
0.61	0.82	1.10	1.41	1.72	1.95	2.16	2.35	2.37	2.35	2.30	2.08	1.86	1.62	1.33	1.04	0.79	0.57	28.4	0.00			
0.74	1.04	1.42	1.91	2.46	2.96	3.22	3.52	3.55	3.52	3.42	3.09	2.79	2.30	1.78	1.33	0.97	0.68	40.7	0.00			
0.89	1.32	1.90	2.63	3.58	4.62	5.28	5.57	5.74	5.68	5.41	5.02	4.32	3.31	2.44	1.76	1.21	0.80	61.5	37.5			
1.04	1.64	2.58	3.94	5.52	7.34	9.25	9.86	10.2	10.1	9.63	8.83	6.86	5.14	3.69	2.39	1.49	0.93	100	85.3			
1.20	1.99	3.39	5.77	9.14	12.8	16.3	19.3	19.8	19.9	19.1	15.8	12.3	8.77	5.51	3.17	1.80	1.06	177	166			
1.32	2.29	4.17	7.71	13.3	20.5	27.7	33.4	36.4	36.7	33.4	27.3	20.1	13.0	7.46	3.94	2.08	1.15	292	283			
1.32	2.29	4.19	7.79	13.6	21.2	29.6	37.1	41.5	42.3	38.3	30.4	21.5	13.6	7.65	4.00	2.09	1.15	320	310			
1.17	1.97	3.43	5.98	9.79	14.6	20.2	24.8	27.6	28.6	26.9	22.3	15.7	10.1	5.98	3.32	1.83	1.05	225	215			
1.01	1.61	2.62	4.17	6.23	8.86	11.6	12.8	14.2	14.5	13.6	12.7	9.73	6.63	4.26	2.57	1.52	0.92	130	117			
0.84	1.26	1.90	2.79	3.98	5.34	6.27	6.88	7.48	7.59	7.12	6.63	5.70	4.22	2.90	1.91	1.22	0.78	74.8	56.7			
0.68	0.97	1.37	1.94	2.60	3.20	3.56	4.05	4.26	4.30	4.13	3.66	3.33	2.70	2.00	1.40	0.96	0.65	45.7	8.67			
0.54	0.74	1.02	1.35	1.71	1.98	2.22	2.49	2.58	2.59	2.52	2.26	2.02	1.75	1.38	1.04	0.75	0.53	29.5	0.00			
0.42	0.58	0.76	0.96	1.16	1.31	1.48	1.61	1.64	1.64	1.62	1.49	1.32	1.18	0.98	0.77	0.59	0.43	19.9	0.00			
0.34	0.45	0.57	0.70	0.81	0.92	1.03	1.10	1.12	1.12	1.10	1.03	0.92	0.82	0.71	0.58	0.46	0.35	14.2	0.00			
0.27	0.35	0.44	0.52	0.59	0.67	0.73	0.78	0.79	0.79	0.78	0.74	0.67	0.60	0.53	0.44	0.36	0.28	10.3	0.00			
-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45			
F t	13.6	21.0	32.9	52.0	79.0	111	144	169	183	185	173	147	112	78.4	51.0	31.7	19.7	12.6	1617	---		
F a	0.00	0.00	8.41	31.8	59.8	93.7	126	151	165	167	155	129	94.4	59.4	30.7	6.74	0.00	0.00	---	1278		

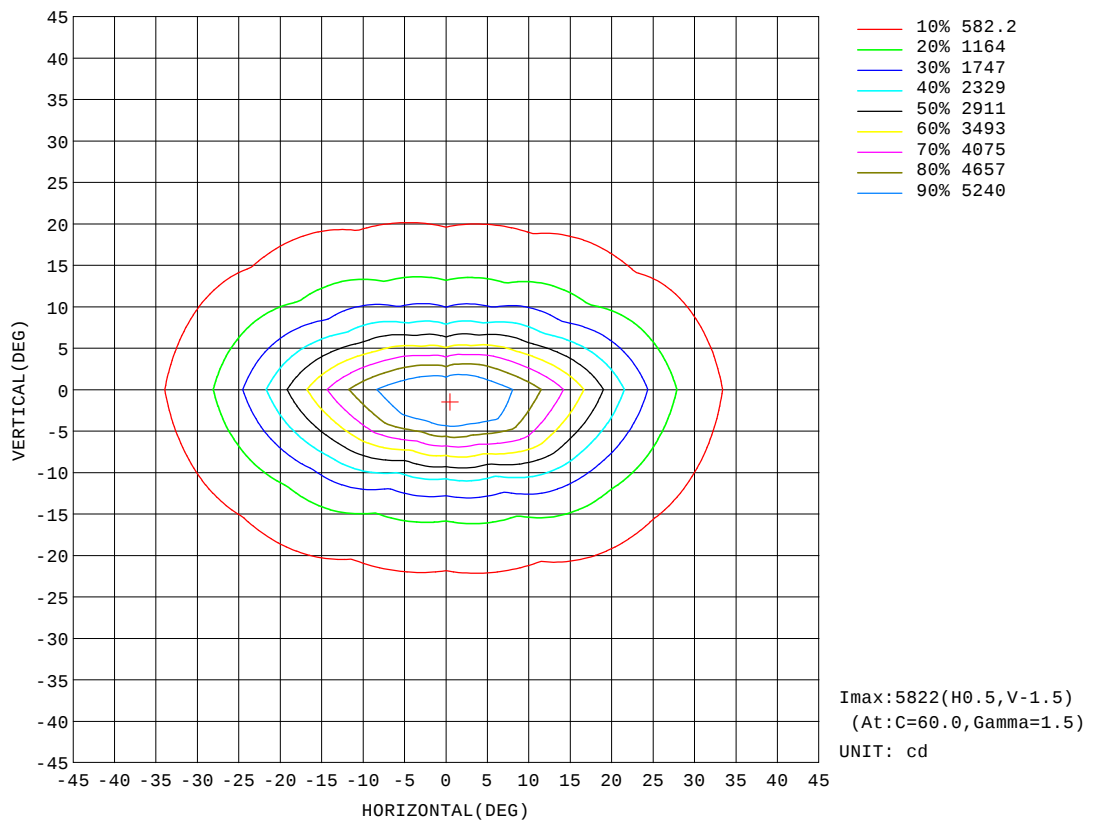
one-half-peak spread: U:7.9,D:6.4 , L:19.3,R:19.3 Beam Type: Type 4 x 3 (H x V)

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 GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.630m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME:DecoBody-330mm-RGBW-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15x40 DEG	DIM.:330mm	SERIAL No.:IES001524
MFR.:	SUR.:	Shielding Angle:

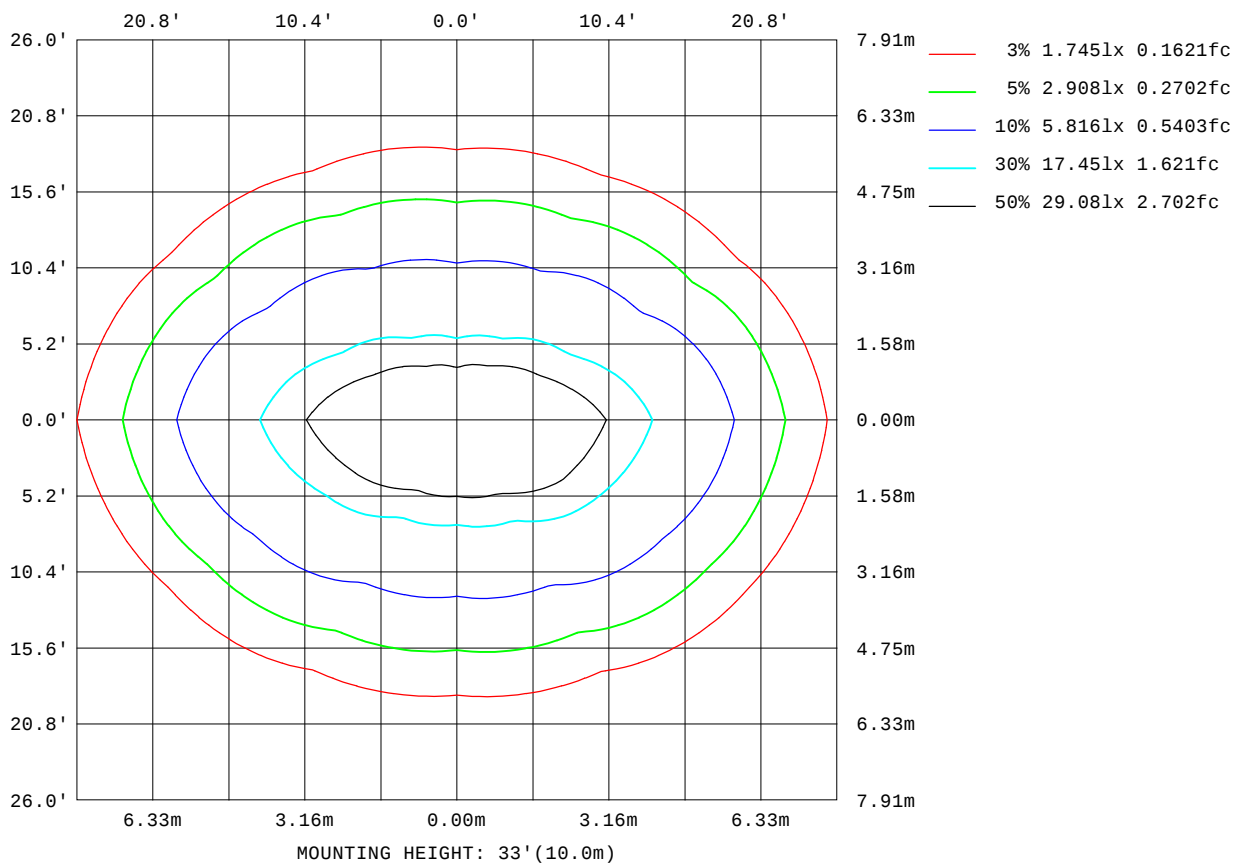


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

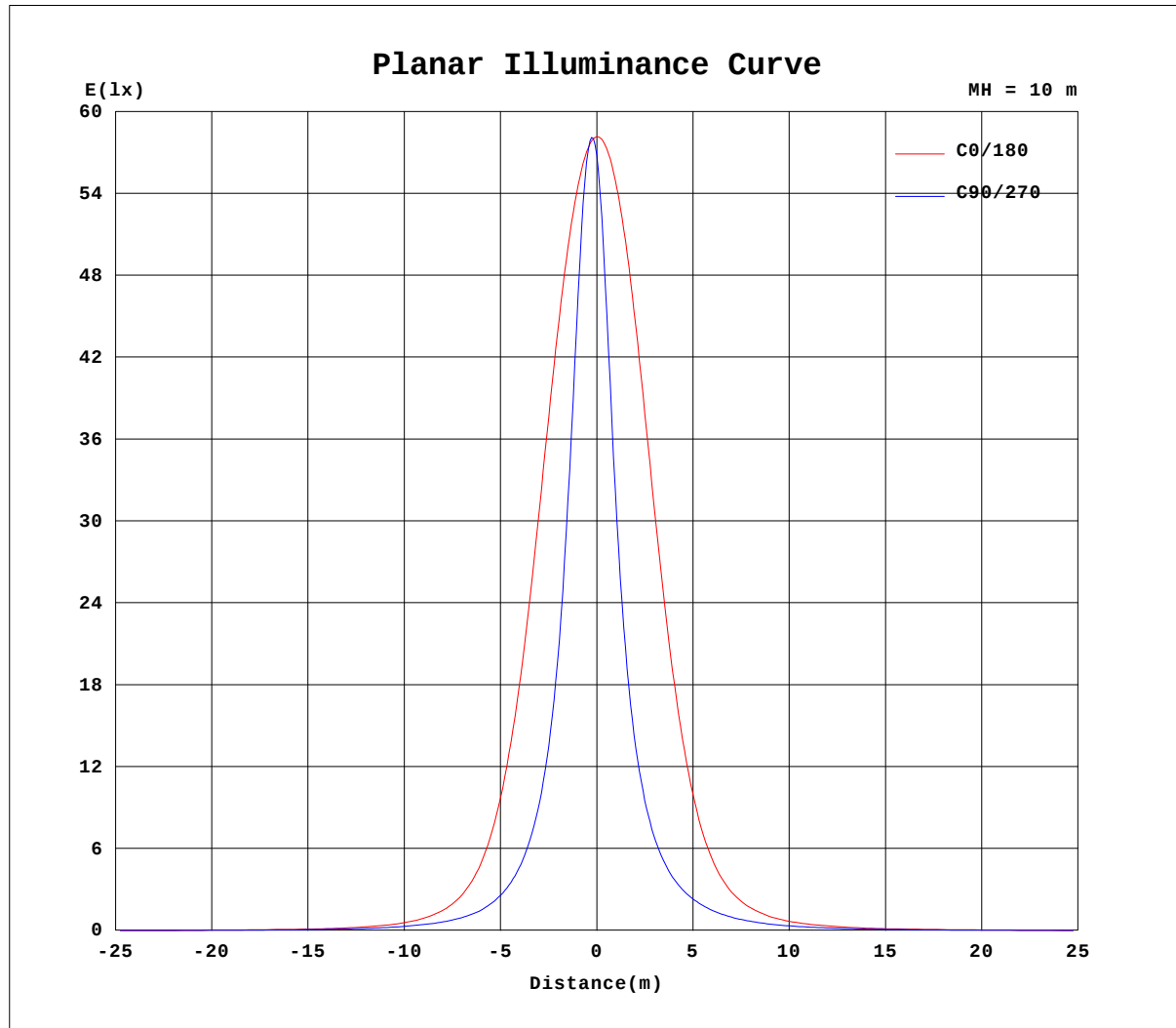
NAME:DecoBody-330mm-RGBW-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15x40 DEG	DIM.:330mm	SERIAL No.:IES001524
MFR.:	SUR.:	Shielding Angle:



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

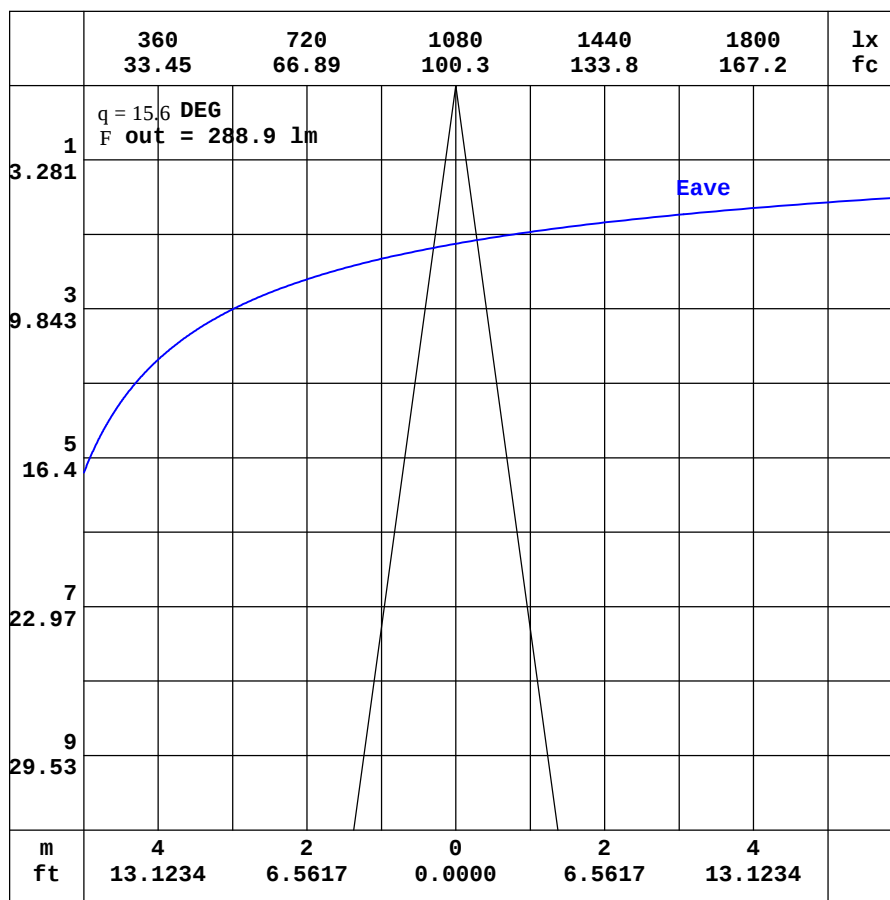


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-14

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:

AAI CURVES

NAME:DecoBody-330mm-RGBW-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15x40 DEG	DIM.:330mm	SERIAL No.:IES001524
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:2023-08-14

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-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15x40 DEG	DIM.: 330 mm	SERIAL No.:IES001524
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	7.21	6.53	6.04	5.83	5.93	6.39	7.23	8.35	9.65	11.0	12.1	13.0	13.5	13.5	13.3	12.9	12.4	11.9	11.7
-170	7.21	6.42	5.86	5.56	5.52	5.76	6.25	6.91	7.64	8.37	9.01	9.49	9.83	10.0	10.1	10.4	11.1	11.8	12.5
-160	7.21	6.33	5.70	5.30	5.13	5.11	5.24	5.43	5.59	5.71	5.76	5.76	5.86	6.96	8.05	9.05	9.92	10.5	10.8
-150	7.21	6.26	5.57	5.07	4.77	4.55	4.37	4.18	3.89	3.47	3.10	3.56	4.17	4.88	5.60	6.28	6.87	7.26	7.40
-140	7.21	6.22	5.47	4.90	4.48	4.12	3.75	3.31	2.77	2.49	2.48	2.54	2.71	2.95	3.23	3.57	3.85	4.03	4.06
-130	7.21	6.21	5.40	4.78	4.25	3.81	3.36	2.85	2.57	2.47	2.37	2.25	2.13	2.02	1.99	2.03	2.06	2.07	2.04
-120	7.21	6.21	5.37	4.68	4.11	3.59	3.10	2.74	2.74	2.70	2.63	2.55	2.44	2.33	2.22	2.13	2.04	1.98	1.93
-110	7.21	6.24	5.39	4.63	3.98	3.42	2.89	2.76	2.79	2.81	2.83	2.86	2.88	2.87	2.85	2.84	2.83	2.83	2.83
-100	7.21	6.31	5.46	4.67	3.92	3.21	2.56	2.57	2.63	2.68	2.72	2.77	2.81	2.83	2.86	2.89	2.91	2.93	2.95
-90	7.21	6.40	5.58	4.77	3.95	3.14	2.32	2.33	2.33	2.34	2.35	2.35	2.36	2.35	2.33	2.32	2.31	2.30	2.29
-80	7.21	6.53	5.80	5.05	4.34	3.66	3.08	3.36	3.82	4.28	4.64	4.97	5.28	5.57	5.84	6.09	6.30	6.46	6.56
-70	7.21	6.68	6.23	5.97	6.17	6.33	6.56	7.65	9.05	10.3	11.3	12.3	13.2	14.2	15.2	16.0	16.6	17.0	17.2
-60	7.21	6.89	6.92	7.93	9.20	10.8	12.4	13.8	16.3	18.9	21.6	24.3	26.6	28.8	30.9	32.5	33.7	34.2	34.3
-50	7.21	7.20	8.09	10.3	13.1	16.3	19.2	21.9	26.1	31.5	37.0	42.4	47.5	51.9	56.3	60.0	62.5	63.7	63.3
-40	7.21	7.49	9.44	12.9	17.5	22.5	27.6	33.5	40.1	48.8	59.8	71.7	83.4	93.9	102	112	119	123	122
-30	7.21	7.76	10.7	15.5	22.2	29.1	37.4	47.8	60.4	75.7	94.6	121	152	183	210	226	252	265	262
-20	7.21	8.05	12.0	18.0	26.4	35.6	47.7	63.9	85.4	115	155	213	291	396	512	603	640	720	715
-10	7.21	8.32	13.0	20.0	29.8	41.2	57.0	79.1	111	159	238	368	588	919	1329	1813	2277	2412	2602
0	7.21	8.52	13.6	21.3	32.1	45.1	63.4	90.0	130	193	307	515	928	1658	2714	3924	4981	5621	5816
10	7.21	8.47	13.3	20.6	30.8	42.7	59.1	82.1	115	163	243	368	571	859	1161	1446	1770	1779	1730
20	7.21	8.36	12.6	19.1	28.4	38.4	51.8	69.5	92.7	124	166	222	286	373	465	532	552	589	560
30	7.21	8.22	11.7	17.1	24.8	33.0	42.9	55.2	70.1	87.9	109	136	164	193	215	229	251	259	252
40	7.21	8.08	10.6	14.8	20.6	27.2	33.8	41.8	50.8	61.2	72.9	85.2	97.1	107	115	124	130	133	130
50	7.21	7.89	9.48	12.6	16.3	21.1	25.8	30.4	35.7	41.6	47.8	53.8	59.4	64.1	68.5	72.0	74.4	75.1	74.3
60	7.21	7.66	8.48	10.3	12.6	15.2	18.3	21.4	24.3	27.1	30.0	32.8	35.4	37.7	40.0	41.7	42.8	43.2	43.1
70	7.21	7.49	7.94	8.51	9.57	10.8	12.1	13.5	15.1	16.6	17.9	19.0	19.9	20.9	21.8	22.5	23.0	23.2	23.2
80	7.21	7.35	7.50	7.68	7.92	8.15	8.40	8.75	9.16	9.52	9.90	10.3	10.6	10.9	11.1	11.3	11.4	11.4	11.4
90	7.21	7.21	7.21	7.21	7.20	7.20	7.20	7.15	7.10	7.06	7.01	6.96	6.92	6.87	6.82	6.78	6.73	6.68	6.64
100	7.21	7.07	6.93	6.79	6.66	6.53	6.40	6.25	6.11	5.98	5.87	5.76	5.65	5.59	5.55	5.51	5.49	5.47	5.45
110	7.21	6.94	6.70	6.46	6.24	6.04	5.89	5.74	5.61	5.51	5.44	5.38	5.32	5.29	5.28	5.25	5.23	5.20	5.17
120	7.21	6.84	6.49	6.19	5.95	5.77	5.67	5.62	5.57	5.59	5.63	5.68	5.73	5.79	5.87	5.93	5.95	5.94	5.87
130	7.21	6.74	6.33	6.01	5.79	5.70	5.68	5.82	6.03	6.30	6.62	7.00	7.42	7.87	8.34	8.78	9.16	9.44	9.55
140	7.21	6.66	6.21	5.89	5.75	5.74	5.96	6.35	6.92	7.59	8.33	9.18	10.1	11.0	11.8	12.5	13.0	13.3	13.5
150	7.21	6.60	6.13	5.82	5.77	5.92	6.35	7.04	7.94	8.99	10.1	11.2	12.3	13.2	14.0	14.5	14.7	14.9	14.9
160	7.21	6.56	6.07	5.80	5.82	6.13	6.77	7.70	8.85	10.1	11.4	12.6	13.6	14.3	14.8	15.1	15.4	15.5	15.6
170	7.21	6.53	6.04	5.82	5.88	6.30	7.08	8.17	9.45	10.8	12.0	13.1	13.8	14.3	14.5	14.3	14.1	14.0	14.5
180	7.21	6.53	6.04	5.83	5.93	6.39	7.23	8.35	9.65	11.0	12.1	13.0	13.5	13.5	13.3	12.9	12.4	11.9	11.6

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-1540D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:15x40 DEG	DIM.:330mm	SERIAL No.:IES001524
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	10.8	10.3	9.75	9.08	8.24	7.24	6.19	5.14	4.20	3.47	2.99	2.75	2.75	2.75	2.74	2.66	2.45	2.15
-170	12.2	11.5	10.7	9.68	8.45	7.20	5.99	4.91	3.99	3.32	2.91	2.73	2.73	2.75	2.75	2.67	2.45	2.15
-160	10.6	10.1	9.32	8.38	7.33	6.25	5.18	4.25	3.54	3.05	2.78	2.71	2.72	2.75	2.75	2.66	2.44	2.15
-150	7.36	7.09	6.60	5.95	5.24	4.54	3.92	3.42	3.03	2.79	2.68	2.69	2.73	2.77	2.75	2.65	2.43	2.15
-140	4.11	4.02	3.82	3.54	3.26	3.00	2.81	2.69	2.66	2.65	2.66	2.70	2.76	2.78	2.74	2.62	2.41	2.15
-130	2.12	2.17	2.19	2.19	2.21	2.30	2.39	2.48	2.57	2.64	2.71	2.77	2.80	2.78	2.72	2.57	2.38	2.15
-120	2.00	2.08	2.17	2.27	2.37	2.48	2.58	2.66	2.74	2.79	2.82	2.83	2.81	2.76	2.65	2.51	2.35	2.15
-110	2.83	2.83	2.85	2.86	2.88	2.90	2.91	2.91	2.89	2.87	2.85	2.83	2.75	2.66	2.55	2.43	2.30	2.15
-100	2.94	2.94	2.93	2.91	2.90	2.88	2.85	2.83	2.79	2.75	2.70	2.66	2.59	2.51	2.43	2.34	2.25	2.15
-90	2.32	2.35	2.37	2.40	2.43	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.41	2.36	2.31	2.26	2.21	2.15
-80	6.46	6.30	6.09	5.83	5.55	5.25	4.97	4.67	4.34	3.93	3.53	3.21	2.85	2.62	2.52	2.38	2.22	2.15
-70	17.1	16.8	16.3	15.5	14.6	13.5	12.5	11.4	10.3	9.17	7.93	6.45	5.16	4.16	3.21	2.57	2.33	2.15
-60	34.4	33.9	33.0	31.4	29.4	27.2	24.8	22.1	19.3	16.4	13.7	11.4	9.08	6.50	4.67	3.14	2.45	2.15
-50	63.9	62.9	60.6	57.0	52.8	48.5	43.4	37.9	32.2	26.7	21.6	17.0	13.2	9.76	6.25	3.97	2.53	2.15
-40	123	119	112	102	95.0	84.7	73.0	61.1	50.1	40.1	31.4	24.0	17.7	12.8	8.31	4.87	2.61	2.15
-30	267	255	229	213	186	154	124	96.6	74.6	56.8	42.8	31.5	22.5	15.6	10.3	5.56	2.78	2.15
-20	734	659	633	538	412	299	212	150	106	75.9	54.5	38.7	26.9	18.1	11.8	6.11	2.96	2.15
-10	2561	2504	2023	1424	941	582	351	217	141	93.8	64.5	44.4	30.2	19.9	12.7	6.56	3.09	2.15
0	5586	4934	3894	2684	1625	894	477	270	164	104	70.0	47.3	31.8	20.7	13.1	6.73	3.13	2.15
10	1762	1720	1367	1095	813	537	338	217	143	96.3	66.8	46.2	31.5	20.8	13.3	6.88	3.24	2.15
20	577	532	503	434	346	266	206	153	111	81.1	58.9	42.1	29.4	19.8	12.8	6.73	3.26	2.15
30	255	243	221	205	184	157	130	105	83.1	64.4	48.8	36.1	25.9	18.0	11.8	6.47	3.22	2.15
40	132	129	122	113	105	94.7	83.2	71.2	59.9	48.9	38.5	29.3	21.7	15.6	10.1	6.01	3.17	2.15
50	74.9	73.9	71.4	67.8	63.4	58.6	53.0	47.1	40.9	35.0	28.9	22.7	17.5	12.8	8.32	5.29	3.20	2.15
60	43.2	42.7	41.6	39.9	37.7	35.4	32.6	29.7	26.5	23.5	20.5	17.0	13.2	9.62	6.94	4.63	3.19	2.15
70	23.3	23.0	22.6	21.8	20.9	19.7	18.7	17.5	16.3	14.9	13.4	11.5	9.44	7.39	5.64	4.21	3.12	2.15
80	11.4	11.3	11.1	10.9	10.6	10.4	10.1	9.76	9.38	9.03	8.67	8.30	7.16	6.06	5.05	4.03	3.02	2.15
90	6.69	6.74	6.79	6.84	6.89	6.94	6.99	7.04	7.08	7.13	7.17	7.22	6.38	5.53	4.69	3.84	3.00	2.15
100	5.46	5.48	5.50	5.52	5.56	5.62	5.71	5.82	5.93	6.05	6.19	6.28	5.72	5.12	4.47	3.77	3.00	2.15
110	5.21	5.24	5.28	5.31	5.33	5.35	5.39	5.42	5.47	5.55	5.65	5.63	5.22	4.78	4.27	3.68	2.98	2.15
120	5.95	5.97	5.96	5.90	5.83	5.77	5.72	5.66	5.60	5.56	5.56	5.25	4.86	4.48	4.07	3.57	2.95	2.15
130	9.48	9.25	8.89	8.46	7.99	7.53	7.09	6.69	6.35	6.07	5.62	5.02	4.60	4.23	3.87	3.45	2.89	2.15
140	13.4	13.1	12.7	12.0	11.2	10.3	9.34	8.46	7.69	6.75	5.66	4.88	4.34	3.99	3.67	3.32	2.83	2.15
150	14.9	14.8	14.5	14.1	13.4	12.5	11.4	10.3	8.44	6.79	5.52	4.65	4.08	3.72	3.46	3.16	2.75	2.15
160	15.6	15.5	15.2	14.9	14.4	13.6	11.7	9.69	7.83	6.25	5.03	4.22	3.73	3.42	3.23	3.01	2.66	2.15
170	14.5	14.5	14.7	13.9	12.6	11.0	9.44	7.84	6.34	5.09	4.16	3.56	3.27	3.10	2.99	2.84	2.56	2.15
180	10.8	10.3	9.75	9.08	8.24	7.24	6.19	5.14	4.20	3.47	2.99	2.75	2.75	2.75	2.74	2.66	2.45	2.15

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: