

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1162.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	96.3V x 92.4H
	At 50% of Imax	47.3V x 46.8H
	At 90% of Imax	18.7V x 18.6H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	842.3 lumens per klm.
	To 50% of Imax	435.2 lumens per klm.
	To 90% of Imax	90.2 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

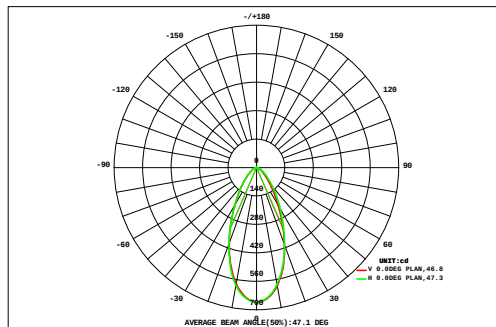
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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 3000K-50D-Rev1	TYPE:RGBW-3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001523
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP			Eff:52.67lm/W	
MODEL			Imax(cd)	661.1
NOMINAL POWER(W)	10.8		AVAILABILITY(%)	84.2
RATED VOLTAGE(V)	220		Avai. FLUX(lm)	478.9
NOMINAL FLUX(lm)	568.9		LOR(%)	100.0
LAMPS INSIDE	1		TOTAL FLUX(lm)	568.9
TEST VOLTAGE(V)	221.4		q @50%(H,V)	47,47DEG

AREA FLUX DIAGRAM																	UNIT:lm		F t	F a
72	0.03	0.06	0.09	0.14	0.19	0.24	0.29	0.33	0.36	0.36	0.33	0.29	0.24	0.18	0.13	0.09	0.05	0.03	3.41	0.00
64	0.04	0.08	0.14	0.21	0.30	0.40	0.50	0.58	0.62	0.62	0.57	0.49	0.39	0.29	0.20	0.13	0.08	0.04	5.69	0.00
56	0.05	0.11	0.19	0.30	0.46	0.64	0.82	0.97	1.06	1.06	0.95	0.80	0.62	0.44	0.29	0.18	0.10	0.05	9.09	0.31
48	0.07	0.14	0.25	0.42	0.67	0.98	1.33	1.63	1.82	1.80	1.59	1.28	0.94	0.64	0.41	0.24	0.12	0.06	14.4	8.79
40	0.08	0.17	0.32	0.57	0.96	1.49	2.11	2.70	3.09	3.06	2.62	2.02	1.41	0.90	0.54	0.30	0.15	0.06	22.5	18.8
32	0.09	0.20	0.40	0.74	1.31	2.16	3.24	4.31	5.03	4.98	4.17	3.07	2.03	1.22	0.69	0.37	0.18	0.07	34.2	31.3
24	0.10	0.23	0.47	0.92	1.71	2.98	4.68	6.51	7.68	7.61	6.32	4.45	2.78	1.58	0.84	0.42	0.20	0.08	49.6	47.1
	0.11	0.25	0.53	1.08	2.08	3.75	6.14	8.73	10.4	10.4	8.59	5.92	3.56	1.93	0.98	0.47	0.21	0.08	65.2	63.0
	0.11	0.26	0.56	1.16	2.28	4.22	7.08	10.1	12.2	12.1	10.2	7.09	4.14	2.15	1.05	0.49	0.21	0.08	75.5	73.4
	0.11	0.26	0.55	1.15	2.26	4.21	7.12	10.2	12.2	12.2	10.3	7.20	4.18	2.16	1.04	0.48	0.21	0.08	76.1	73.9
	0.10	0.24	0.51	1.05	2.03	3.69	6.17	8.76	10.5	10.4	8.75	6.15	3.65	1.94	0.96	0.45	0.20	0.08	65.6	63.4
-24	0.09	0.21	0.44	0.88	1.64	2.87	4.54	6.30	7.52	7.52	6.30	4.53	2.83	1.58	0.82	0.40	0.18	0.07	48.7	46.3
-32	0.08	0.18	0.36	0.68	1.22	2.03	3.04	4.04	4.72	4.73	4.06	3.04	2.00	1.19	0.65	0.34	0.16	0.06	32.6	29.6
-40	0.07	0.15	0.28	0.50	0.86	1.34	1.91	2.45	2.79	2.79	2.46	1.92	1.33	0.84	0.49	0.26	0.13	0.05	20.6	16.8
-48	0.06	0.11	0.20	0.36	0.57	0.85	1.16	1.43	1.60	1.60	1.43	1.16	0.85	0.57	0.35	0.20	0.10	0.04	12.6	6.10
-56	0.04	0.08	0.15	0.24	0.37	0.52	0.68	0.81	0.90	0.90	0.82	0.68	0.53	0.37	0.24	0.14	0.07	0.03	7.58	0.00
-64	0.03	0.06	0.10	0.16	0.23	0.31	0.39	0.46	0.50	0.50	0.46	0.40	0.32	0.23	0.15	0.09	0.05	0.02	4.46	0.00
-72	0.02	0.04	0.06	0.09	0.13	0.17	0.21	0.25	0.27	0.27	0.25	0.21	0.17	0.13	0.09	0.06	0.03	0.02	2.46	0.00
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)	16	24	32	40	48	56	64	72			
F t	1.30	2.82	5.60	10.6	19.3	32.9	51.4	70.6	83.3	83.0	70.2	50.7	32.0	18.4	9.94	5.11	2.44	1.01	550	---
F a	0.00	0.00	0.00	4.71	14.6	28.7	47.5	66.8	79.5	79.3	66.3	46.7	27.7	13.6	3.27	0.00	0.00	0.00	---	479

one-half-peak spread: U:23.5,D:24.2 , L:24.0,R:23.1

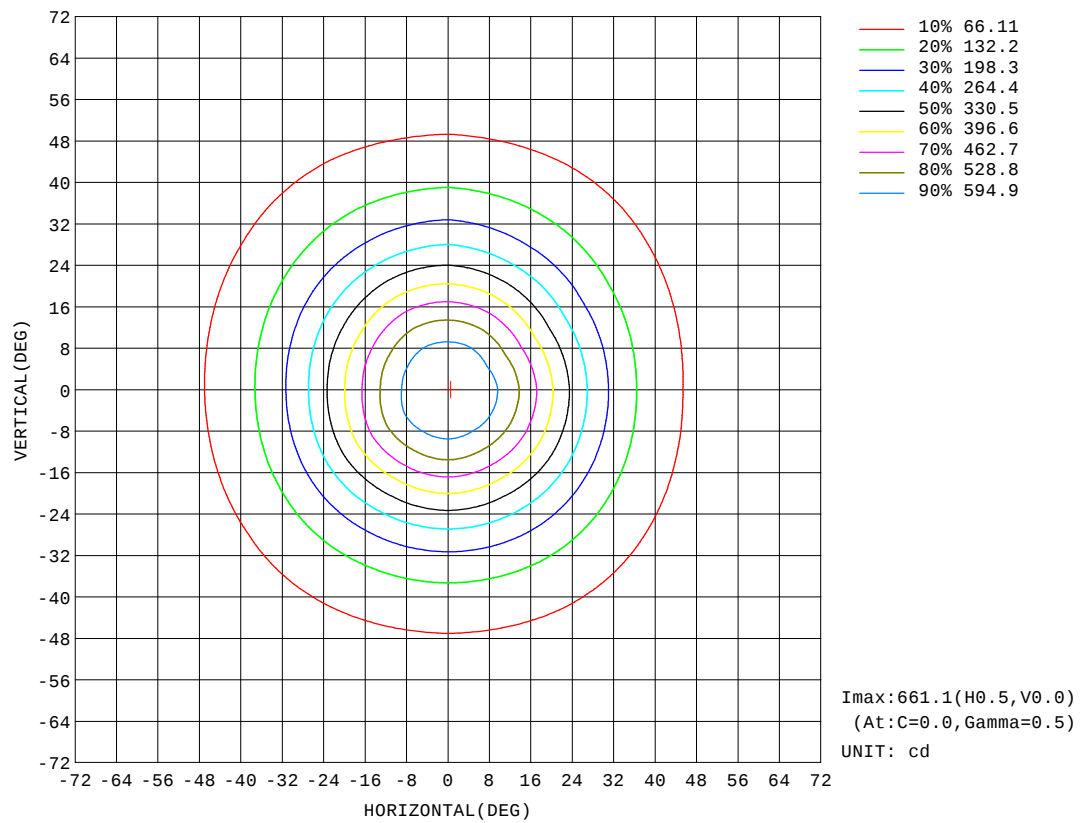
NEMA Beam Type: Type 5

$H(b)$ 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 3000K-50D-Rev1	TYPE:RGBW-3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001523
MFR.:	SUR.:	Shielding Angle:

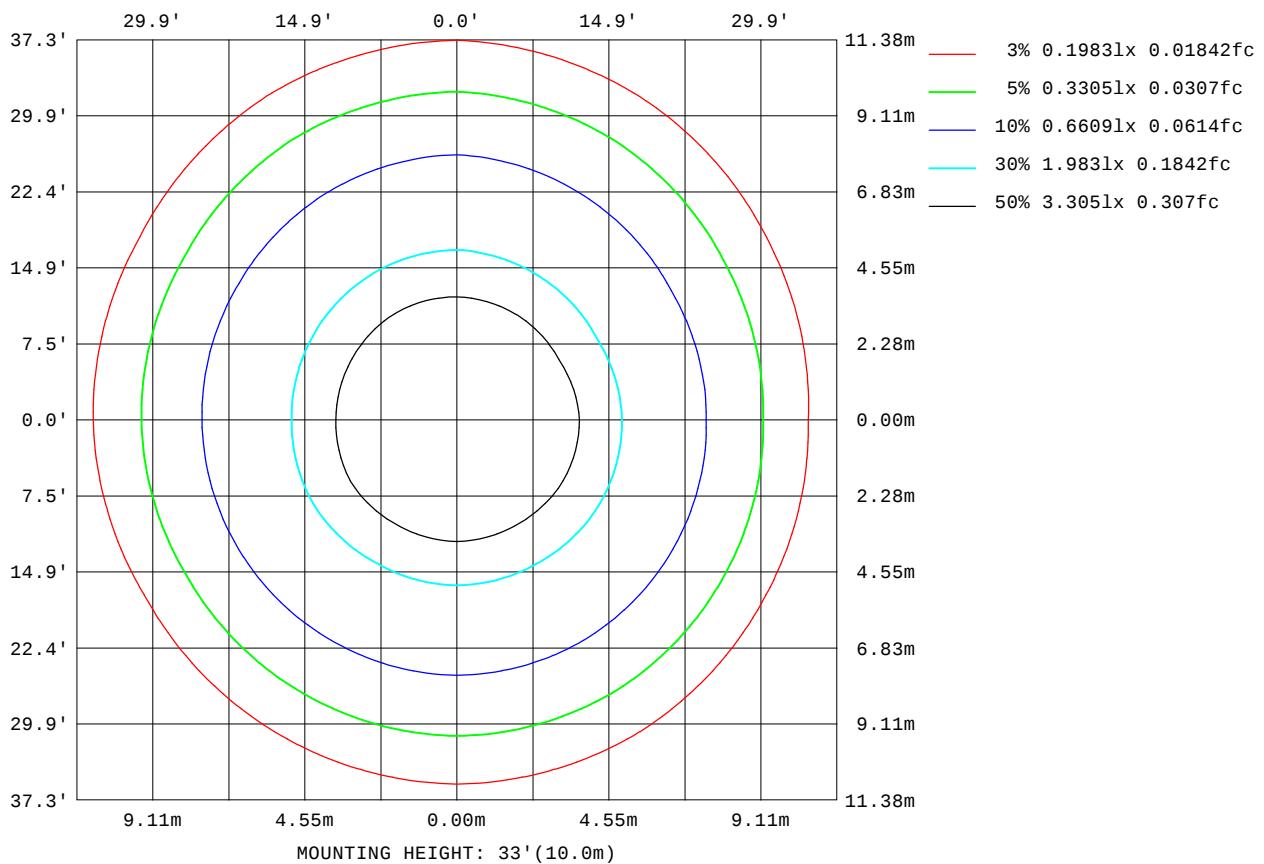


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

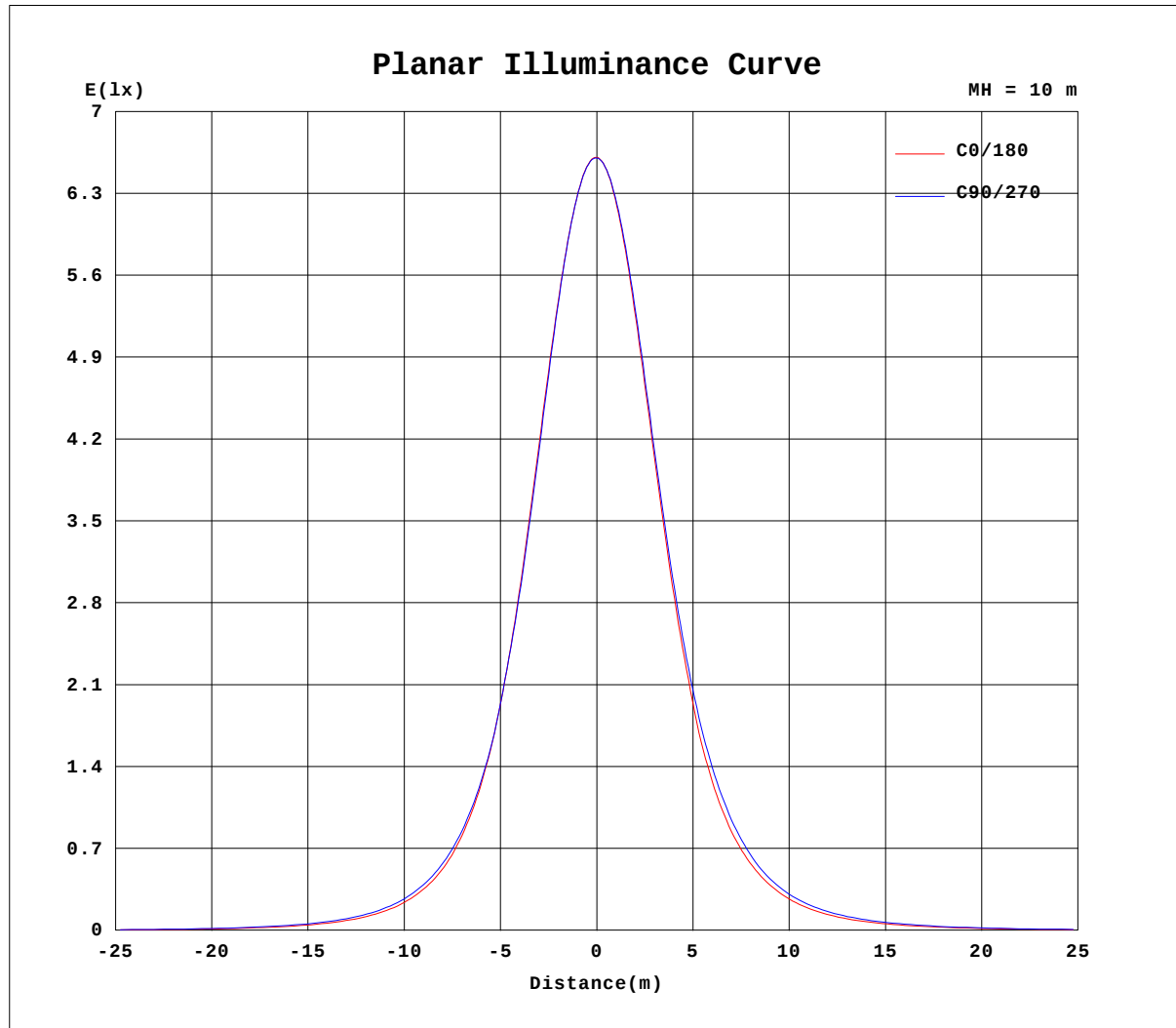
NAME:DecoBody-330mm-RGBW 3000K-50D-Rev1	TYPE:RGBW-3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001523
MFR.:	SUR.:	Shielding Angle:



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 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 3000K-50D-Rev1	TYPE:RGBW-3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001523
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	2.42	2.21	2.09	2.09	2.13	2.26	2.47	2.73	3.04	3.36	3.66	3.89	4.07	4.16	4.17	4.10	4.03	3.91	3.97
-170	2.42	2.17	2.01	1.97	1.96	2.02	2.14	2.29	2.47	2.65	2.80	2.90	2.97	2.98	2.93	2.97	3.18	3.33	3.45
-160	2.42	2.13	1.94	1.85	1.79	1.78	1.80	1.84	1.89	1.91	1.92	1.90	1.88	2.13	2.37	2.57	2.74	2.84	2.90
-150	2.42	2.10	1.89	1.74	1.63	1.55	1.49	1.43	1.36	1.26	1.19	1.35	1.53	1.71	1.88	2.04	2.17	2.25	2.29
-140	2.42	2.08	1.84	1.64	1.49	1.35	1.23	1.09	0.94	0.92	0.99	1.08	1.19	1.30	1.40	1.50	1.58	1.64	1.67
-130	2.42	2.07	1.78	1.55	1.37	1.20	1.02	0.85	0.79	0.81	0.85	0.89	0.93	0.99	1.03	1.08	1.13	1.16	1.19
-120	2.42	2.06	1.76	1.51	1.27	1.07	0.87	0.73	0.74	0.75	0.76	0.77	0.78	0.80	0.83	0.86	0.88	0.89	0.91
-110	2.42	2.07	1.76	1.47	1.22	0.98	0.75	0.69	0.70	0.71	0.71	0.71	0.72	0.72	0.73	0.75	0.76	0.78	0.79
-100	2.42	2.08	1.77	1.47	1.19	0.92	0.66	0.64	0.65	0.65	0.65	0.64	0.64	0.65	0.66	0.67	0.68	0.69	0.70
-90	2.42	2.12	1.82	1.52	1.22	0.92	0.62	0.62	0.63	0.63	0.63	0.63	0.64	0.63	0.62	0.62	0.61	0.60	0.59
-80	2.42	2.15	1.88	1.62	1.41	1.22	1.07	1.28	1.56	1.80	2.04	2.29	2.52	2.76	2.99	3.20	3.38	3.52	3.63
-70	2.42	2.20	2.07	2.07	2.34	2.58	3.04	3.77	4.60	5.42	6.24	7.08	7.92	8.79	9.61	10.3	10.9	11.4	11.7
-60	2.42	2.28	2.38	2.94	3.80	4.82	5.91	7.08	8.74	10.6	12.7	14.9	17.1	19.3	21.2	23.0	24.3	25.3	25.8
-50	2.42	2.40	2.95	4.07	5.59	7.39	9.25	11.4	14.4	18.1	22.4	27.0	32.1	37.2	42.0	46.4	49.9	52.4	53.5
-40	2.42	2.52	3.44	5.17	7.54	10.1	13.2	17.0	21.8	28.3	36.6	46.3	57.2	69.0	80.8	91.8	101	107	110
-30	2.42	2.63	4.02	6.33	9.42	12.9	17.4	23.4	31.4	42.0	56.0	74.3	96.3	121	148	173	195	210	216
-20	2.42	2.74	4.54	7.36	11.0	15.4	21.4	29.7	41.4	57.6	79.8	109	148	194	247	301	348	384	398
-10	2.42	2.85	4.89	8.10	12.2	17.3	24.5	34.7	49.4	70.6	100	141	196	269	356	444	519	569	589
0	2.42	2.93	5.09	8.51	12.9	18.4	26.1	37.0	53.2	76.4	109	154	216	300	395	493	579	639	661
10	2.42	2.91	5.02	8.35	12.6	17.9	25.3	35.7	50.8	72.3	102	144	199	270	353	438	514	568	583
20	2.42	2.86	4.80	7.83	11.8	16.5	23.0	31.8	43.9	60.8	83.7	114	154	202	255	312	361	393	404
30	2.42	2.80	4.40	6.98	10.5	14.4	19.5	26.2	34.9	46.4	61.3	80.5	104	130	159	186	210	227	235
40	2.42	2.75	3.90	5.93	8.83	12.0	15.6	20.3	25.9	33.1	42.1	52.7	64.8	78.0	91.4	103	113	120	123
50	2.42	2.68	3.46	4.92	6.89	9.36	11.9	14.7	18.3	22.5	27.4	32.7	38.5	44.6	50.1	54.8	58.9	61.6	62.8
60	2.42	2.58	2.99	3.85	5.08	6.60	8.42	10.2	12.2	14.3	16.8	19.4	22.1	24.7	26.9	28.9	30.5	31.7	32.3
70	2.42	2.52	2.74	3.06	3.61	4.35	5.12	6.14	7.23	8.31	9.39	10.5	11.5	12.5	13.5	14.4	15.1	15.6	16.0
80	2.42	2.48	2.56	2.67	2.81	2.96	3.15	3.40	3.70	4.03	4.42	4.81	5.17	5.44	5.70	5.93	6.12	6.27	6.37
90	2.42	2.45	2.48	2.50	2.53	2.56	2.59	2.58	2.58	2.58	2.58	2.57	2.57	2.57	2.56	2.56	2.55	2.55	2.54
100	2.42	2.40	2.38	2.37	2.36	2.35	2.34	2.31	2.28	2.26	2.24	2.22	2.20	2.19	2.19	2.19	2.19	2.20	2.20
110	2.42	2.36	2.32	2.27	2.23	2.21	2.19	2.16	2.14	2.13	2.13	2.13	2.13	2.14	2.14	2.14	2.14	2.14	2.14
120	2.42	2.32	2.25	2.20	2.15	2.13	2.12	2.12	2.12	2.14	2.18	2.23	2.28	2.33	2.36	2.39	2.41	2.42	2.42
130	2.42	2.30	2.20	2.14	2.12	2.11	2.11	2.14	2.21	2.31	2.41	2.53	2.64	2.75	2.84	2.91	2.95	2.99	3.00
140	2.42	2.27	2.18	2.11	2.10	2.11	2.17	2.27	2.40	2.57	2.74	2.93	3.10	3.26	3.40	3.50	3.57	3.61	3.61
150	2.42	2.25	2.15	2.10	2.11	2.16	2.26	2.43	2.63	2.86	3.09	3.32	3.53	3.72	3.86	3.97	4.03	4.06	4.06
160	2.42	2.23	2.12	2.10	2.11	2.20	2.36	2.58	2.84	3.11	3.38	3.63	3.82	3.98	4.10	4.17	4.19	4.19	4.20
170	2.42	2.22	2.10	2.09	2.12	2.24	2.43	2.68	2.98	3.29	3.57	3.81	3.99	4.10	4.17	4.18	4.15	4.11	4.17
180	2.42	2.21	2.09	2.09	2.13	2.26	2.47	2.73	3.04	3.36	3.66	3.89	4.07	4.16	4.17	4.10	4.03	3.91	4.00

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 3000K-50D-Rev1	TYPE:RGBW-3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001523
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	3.54	3.31	3.05	2.78	2.48	2.17	1.85	1.56	1.30	1.09	0.93	0.84	0.76	0.72	0.68	0.63	0.58	0.54
-170	3.25	3.11	2.92	2.68	2.41	2.11	1.80	1.52	1.28	1.07	0.93	0.83	0.76	0.72	0.69	0.63	0.58	0.54
-160	2.82	2.69	2.54	2.35	2.13	1.88	1.63	1.39	1.19	1.03	0.90	0.81	0.76	0.73	0.68	0.63	0.58	0.54
-150	2.25	2.16	2.03	1.88	1.72	1.54	1.36	1.21	1.06	0.94	0.86	0.79	0.75	0.72	0.67	0.63	0.58	0.54
-140	1.64	1.59	1.50	1.40	1.30	1.20	1.09	1.00	0.93	0.87	0.81	0.78	0.75	0.71	0.67	0.62	0.58	0.54
-130	1.16	1.13	1.08	1.03	0.98	0.93	0.89	0.87	0.82	0.80	0.78	0.76	0.73	0.69	0.65	0.61	0.57	0.54
-120	0.89	0.88	0.86	0.83	0.80	0.78	0.77	0.77	0.76	0.76	0.75	0.74	0.71	0.67	0.64	0.60	0.57	0.54
-110	0.78	0.76	0.75	0.73	0.73	0.72	0.72	0.73	0.73	0.72	0.72	0.71	0.68	0.65	0.62	0.59	0.56	0.54
-100	0.70	0.69	0.69	0.69	0.69	0.68	0.68	0.69	0.68	0.68	0.67	0.67	0.65	0.62	0.60	0.58	0.55	0.54
-90	0.61	0.63	0.64	0.66	0.67	0.69	0.68	0.68	0.67	0.67	0.66	0.65	0.63	0.61	0.59	0.58	0.56	0.54
-80	3.50	3.33	3.12	2.88	2.62	2.36	2.15	1.93	1.71	1.50	1.25	1.04	0.89	0.77	0.72	0.65	0.57	0.54
-70	11.4	11.0	10.4	9.66	8.84	7.93	6.99	6.04	5.17	4.36	3.62	2.84	2.10	1.57	1.08	0.77	0.64	0.54
-60	25.3	24.4	23.1	21.4	19.5	17.2	14.9	12.6	10.5	8.45	6.65	5.26	4.04	2.79	1.79	1.06	0.70	0.54
-50	52.5	50.0	46.5	42.2	37.4	32.1	27.0	22.3	17.9	14.0	10.8	8.18	6.02	4.30	2.63	1.47	0.76	0.54
-40	107	101	92.3	81.2	68.9	56.7	45.6	36.0	27.9	21.2	15.9	11.6	8.25	5.68	3.62	1.87	0.81	0.54
-30	211	196	174	148	120	94.8	72.7	54.5	40.3	29.6	21.4	15.2	10.5	6.99	4.44	2.20	0.91	0.54
-20	384	349	302	246	192	145	106	75.9	53.8	37.9	26.5	18.3	12.4	8.08	5.06	2.51	1.00	0.54
-10	568	518	444	356	267	193	136	93.8	64.4	44.1	30.2	20.5	13.7	8.80	5.46	2.73	1.06	0.54
0	644	590	506	403	300	214	148	100	68.0	46.0	31.3	21.1	14.1	9.04	5.59	2.80	1.08	0.54
10	565	510	429	342	260	190	135	93.9	65.1	45.0	31.0	21.2	14.2	9.17	5.70	2.85	1.12	0.54
20	389	352	300	242	189	142	105	77.0	55.6	39.8	28.2	19.7	13.4	8.79	5.52	2.75	1.12	0.54
30	224	204	179	151	123	97.2	75.3	57.4	43.4	32.4	23.8	17.1	11.9	7.99	5.09	2.55	1.08	0.54
40	119	110	99.7	87.3	74.2	61.6	50.2	40.2	31.8	24.7	18.7	13.9	9.93	6.91	4.37	2.33	1.03	0.54
50	61.1	58.0	53.6	48.7	43.2	37.4	31.8	26.6	21.8	17.6	13.9	10.6	7.87	5.60	3.45	1.97	1.02	0.54
60	31.6	30.3	28.6	26.6	24.3	21.7	19.0	16.4	13.9	11.6	9.56	7.65	5.82	4.04	2.71	1.66	1.00	0.54
70	15.6	15.0	14.3	13.5	12.5	11.4	10.2	9.09	8.02	7.00	5.96	4.86	3.75	2.82	2.05	1.42	0.96	0.54
80	6.23	6.05	5.82	5.56	5.28	4.97	4.63	4.29	3.93	3.59	3.32	3.06	2.60	2.15	1.74	1.32	0.90	0.54
90	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.61	2.62	2.62	2.63	2.63	2.28	1.93	1.58	1.24	0.89	0.54
100	2.19	2.19	2.18	2.18	2.17	2.18	2.21	2.23	2.26	2.29	2.32	2.34	2.06	1.78	1.50	1.19	0.87	0.54
110	2.14	2.14	2.14	2.13	2.13	2.12	2.11	2.11	2.11	2.12	2.15	2.11	1.89	1.66	1.41	1.15	0.86	0.54
120	2.42	2.41	2.39	2.36	2.31	2.27	2.22	2.17	2.13	2.11	2.11	1.95	1.74	1.54	1.32	1.09	0.83	0.54
130	2.99	2.95	2.90	2.84	2.75	2.64	2.52	2.41	2.30	2.20	2.04	1.82	1.62	1.42	1.23	1.03	0.80	0.54
140	3.61	3.57	3.51	3.41	3.27	3.10	2.93	2.74	2.56	2.31	1.96	1.70	1.49	1.31	1.13	0.96	0.76	0.54
150	4.06	4.03	3.97	3.87	3.72	3.54	3.33	3.09	2.64	2.20	1.85	1.55	1.34	1.19	1.03	0.88	0.72	0.54
160	4.19	4.18	4.17	4.11	4.00	3.83	3.36	2.84	2.37	1.97	1.63	1.36	1.17	1.04	0.92	0.80	0.68	0.54
170	4.06	4.12	4.17	3.94	3.55	3.14	2.71	2.30	1.92	1.58	1.32	1.12	0.97	0.88	0.81	0.72	0.63	0.54
180	3.54	3.31	3.05	2.78	2.48	2.17	1.85	1.56	1.30	1.09	0.93	0.84	0.76	0.72	0.68	0.63	0.58	0.54

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: