

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1151.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	96.7V x 93.1H
	At 50% of Imax	47.6V x 46.9H
	At 90% of Imax	18.9V x 18.6H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	842.6 lumens per klm.
	To 50% of Imax	433.2 lumens per klm.
	To 90% of Imax	91.7 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.8 %

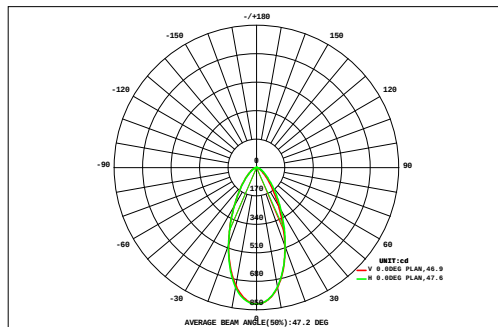
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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 GREEN-50D-Rev1	TYPE:RGBW-Green	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001521
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:71.62lm/W	
MODEL		Imax(cd)	815.4
NOMINAL POWER(W)	9.9	AVAILABILITY(%)	84.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	596.6
NOMINAL FLUX(lm)	708.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	708.3
TEST VOLTAGE(V)	221.4	q @50%(H,V)	47,48DEG

		AREA FLUX DIAGRAM																UNIT:lm				F t	F a
VERTICAL (DEG)	72	0.04	0.07	0.12	0.17	0.24	0.31	0.37	0.42	0.45	0.45	0.42	0.36	0.30	0.23	0.17	0.11	0.07	0.03	4.32	0.00		
	64	0.05	0.10	0.18	0.27	0.38	0.51	0.63	0.73	0.79	0.78	0.72	0.62	0.50	0.37	0.26	0.16	0.09	0.04	7.20	0.00		
	56	0.07	0.14	0.24	0.39	0.58	0.81	1.04	1.22	1.34	1.33	1.20	1.00	0.78	0.56	0.38	0.23	0.12	0.06	11.5	0.54		
	48	0.09	0.18	0.32	0.55	0.86	1.25	1.67	2.05	2.28	2.26	1.99	1.61	1.19	0.81	0.52	0.30	0.16	0.07	18.2	11.4		
	40	0.10	0.22	0.42	0.74	1.22	1.88	2.65	3.38	3.87	3.83	3.28	2.53	1.76	1.13	0.68	0.38	0.19	0.08	28.3	23.8		
	32	0.12	0.26	0.51	0.95	1.66	2.73	4.05	5.40	6.29	6.22	5.23	3.84	2.54	1.53	0.87	0.46	0.23	0.09	43.0	39.4		
	24	0.13	0.29	0.61	1.18	2.17	3.73	5.86	8.10	9.54	9.47	7.87	5.57	3.47	1.98	1.06	0.54	0.25	0.10	61.9	58.9		
		0.14	0.32	0.68	1.37	2.61	4.69	7.63	10.8	12.9	12.9	10.7	7.36	4.43	2.41	1.22	0.59	0.27	0.11	81.1	78.4		
		0.14	0.33	0.72	1.47	2.86	5.27	8.78	12.5	15.0	15.0	12.6	8.76	5.13	2.68	1.30	0.61	0.27	0.11	93.6	91.0		
		0.14	0.33	0.71	1.46	2.83	5.26	8.81	12.7	15.1	15.1	12.7	8.86	5.17	2.68	1.30	0.61	0.27	0.11	94.1	91.5		
		0.13	0.31	0.66	1.32	2.53	4.62	7.65	10.8	12.9	12.9	10.8	7.58	4.52	2.41	1.20	0.57	0.26	0.10	81.3	78.6		
	-24	0.12	0.27	0.57	1.11	2.05	3.57	5.66	7.80	9.30	9.28	7.78	5.61	3.50	1.97	1.03	0.51	0.24	0.09	60.5	57.4		
	-32	0.11	0.23	0.46	0.86	1.53	2.53	3.78	5.03	5.88	5.88	5.04	3.77	2.49	1.48	0.82	0.43	0.20	0.08	40.6	37.0		
	-40	0.09	0.19	0.36	0.64	1.08	1.68	2.39	3.05	3.47	3.47	3.06	2.39	1.66	1.05	0.62	0.34	0.17	0.07	25.8	21.1		
	-48	0.07	0.14	0.26	0.45	0.73	1.07	1.44	1.78	1.99	1.99	1.78	1.45	1.06	0.72	0.45	0.26	0.13	0.06	15.8	7.78		
	-56	0.05	0.11	0.18	0.31	0.47	0.66	0.85	1.02	1.12	1.12	1.02	0.86	0.66	0.47	0.31	0.18	0.10	0.04	9.52	0.00		
-64	0.04	0.07	0.12	0.20	0.29	0.39	0.49	0.57	0.62	0.63	0.58	0.50	0.40	0.29	0.20	0.12	0.07	0.03	5.62	0.00			
-72	0.02	0.04	0.08	0.12	0.16	0.22	0.27	0.31	0.34	0.34	0.31	0.27	0.22	0.17	0.11	0.07	0.04	0.02	3.11	0.00			
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72			
F t	1.65	3.61	7.20	13.6	24.3	41.2	64.0	87.7	103	103	87.0	62.9	39.8	22.9	12.5	6.49	3.13	1.29	685	---			
F a	0.00	0.00	0.00	6.30	18.7	36.1	59.2	83.0	98.6	98.3	82.3	58.1	34.6	17.1	4.35	0.00	0.00	0.00	---	597			

one-half-peak spread: U:23.1,D:24.9 , L:24.1,R:23.2

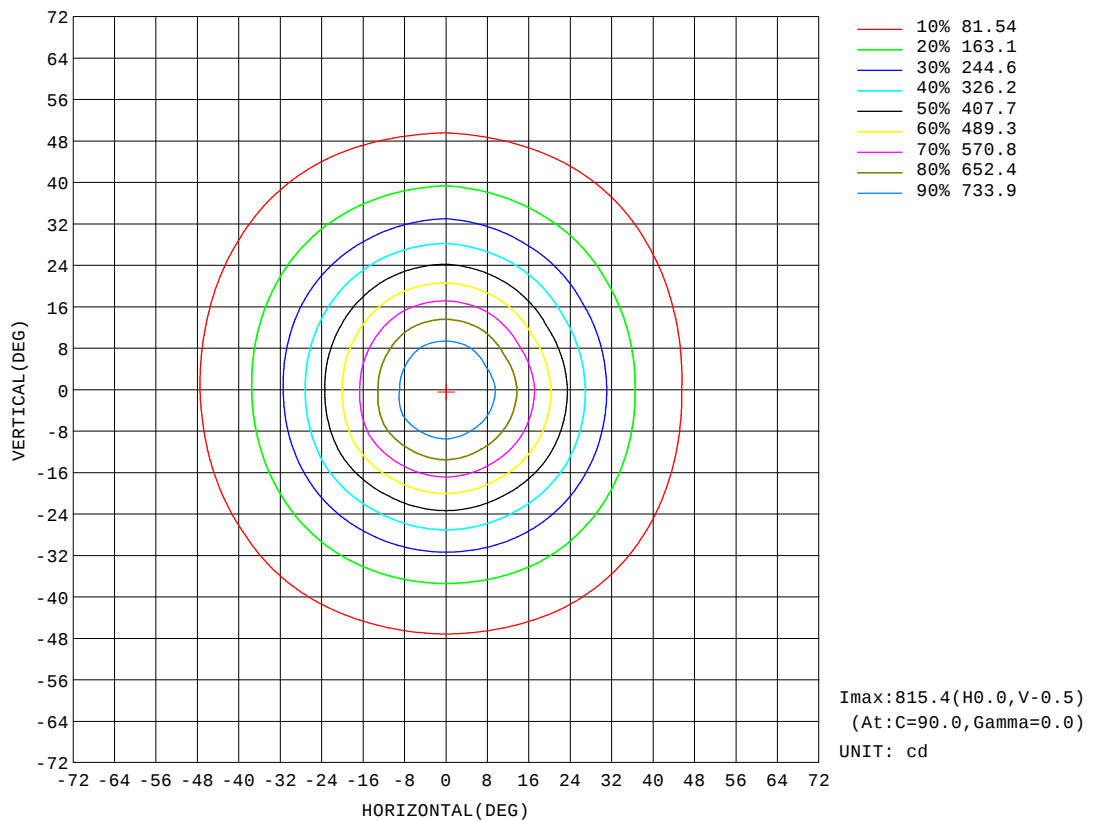
NEMA Beam Type: Type 5

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 GREEN-50D-Rev1	TYPE:RGBW-Green	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001521
MFR.:	SUR.:	Shielding Angle:

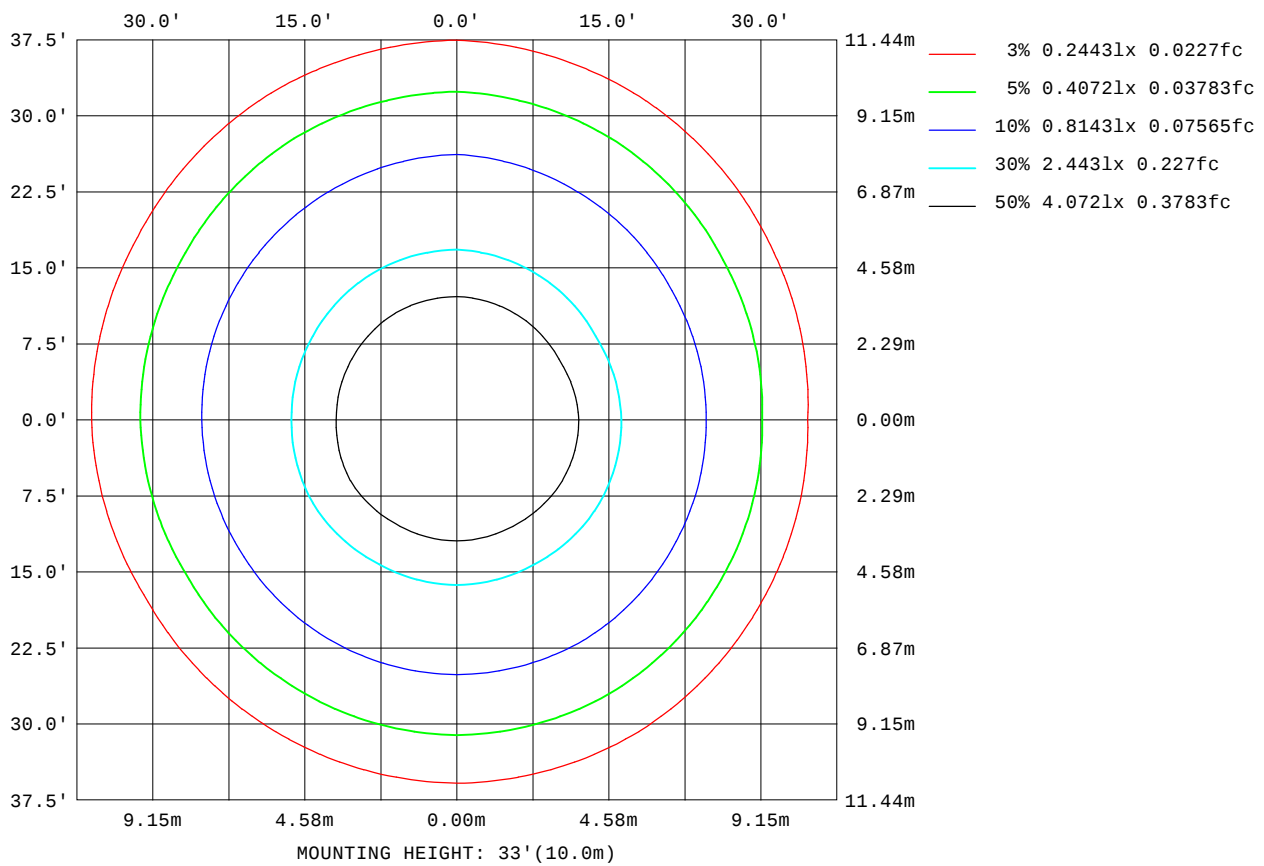


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Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-14

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

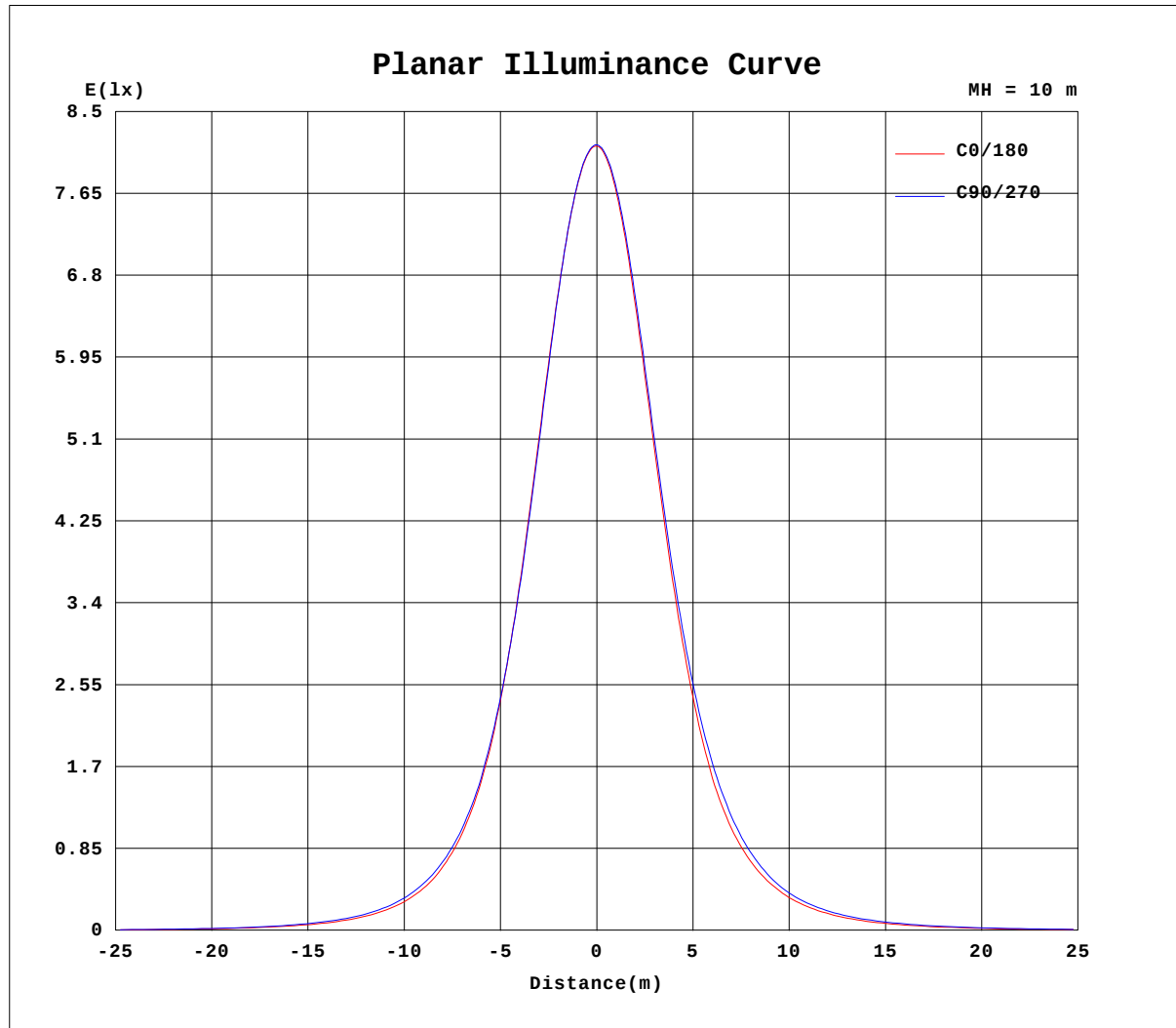
NAME:DecoBody-330mm-RGBW GREEN-50D-Rev1	TYPE:RGBW-Green	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001521
MFR.:	SUR.:	Shielding Angle:



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

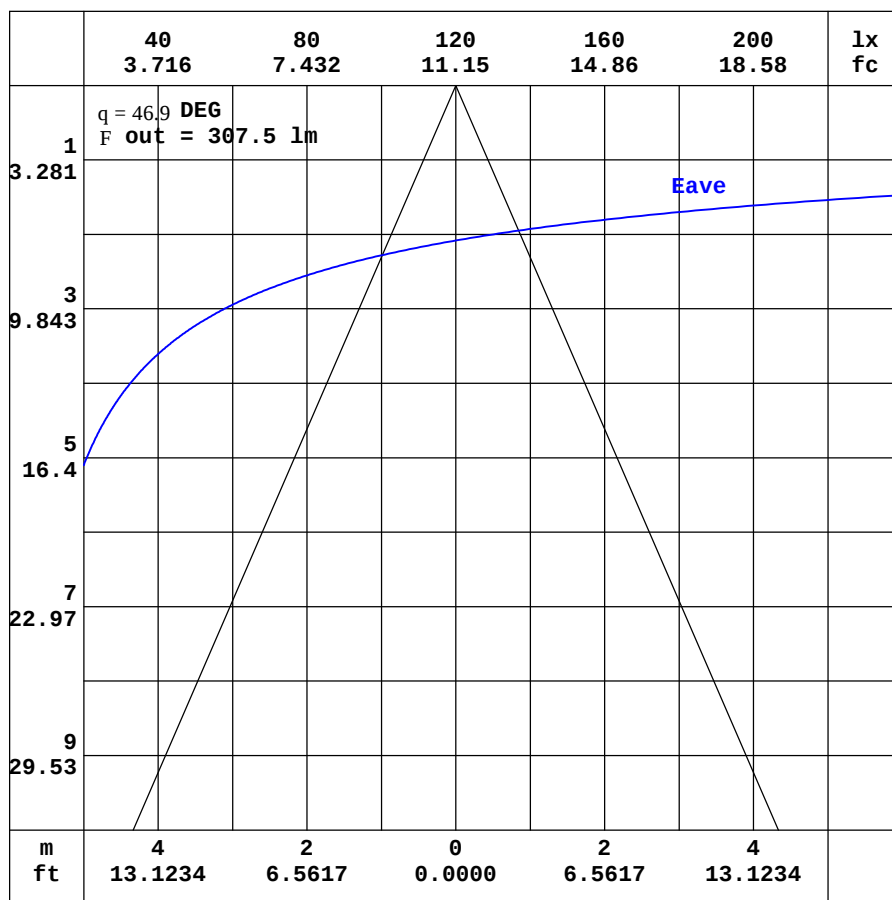


H(b) Range: -90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-14

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 GREEN-50D-Rev1	TYPE:RGBW-Green	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001521
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 GREEN-50D-Rev1	TYPE:RGBW-Green	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001521
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	3.03	2.78	2.64	2.61	2.67	2.81	3.06	3.39	3.76	4.14	4.50	4.80	5.01	5.13	5.12	5.08	4.97	4.83	4.93
-170	3.03	2.73	2.53	2.46	2.45	2.52	2.66	2.85	3.06	3.27	3.46	3.60	3.68	3.69	3.63	3.68	3.93	4.11	4.25
-160	3.03	2.68	2.44	2.31	2.23	2.21	2.24	2.29	2.34	2.37	2.38	2.36	2.34	2.65	2.94	3.19	3.39	3.52	3.58
-150	3.03	2.64	2.35	2.17	2.04	1.93	1.85	1.77	1.69	1.57	1.48	1.69	1.91	2.14	2.35	2.54	2.70	2.80	2.84
-140	3.03	2.61	2.30	2.04	1.85	1.68	1.52	1.35	1.17	1.14	1.24	1.36	1.48	1.62	1.75	1.88	1.98	2.05	2.08
-130	3.03	2.60	2.24	1.94	1.70	1.48	1.26	1.05	0.97	1.01	1.06	1.11	1.17	1.22	1.29	1.36	1.41	1.45	1.47
-120	3.03	2.59	2.20	1.88	1.58	1.33	1.07	0.90	0.90	0.93	0.94	0.96	0.98	1.00	1.03	1.06	1.09	1.11	1.12
-110	3.03	2.59	2.20	1.84	1.51	1.21	0.92	0.84	0.86	0.86	0.87	0.88	0.88	0.89	0.91	0.92	0.94	0.95	0.96
-100	3.03	2.62	2.22	1.84	1.48	1.13	0.80	0.78	0.79	0.79	0.79	0.79	0.79	0.80	0.82	0.83	0.84	0.85	0.86
-90	3.03	2.65	2.27	1.89	1.51	1.14	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.75	0.74	0.74	0.73	0.73
-80	3.03	2.70	2.36	2.02	1.73	1.49	1.30	1.57	1.91	2.21	2.50	2.81	3.11	3.42	3.70	3.96	4.19	4.37	4.50
-70	3.03	2.77	2.57	2.56	2.89	3.21	3.68	4.68	5.77	6.80	7.84	8.92	10.0	11.2	12.2	13.0	13.7	14.3	14.6
-60	3.03	2.84	2.95	3.67	4.66	6.05	7.46	8.94	11.1	13.4	16.1	18.9	21.6	24.2	26.6	28.8	30.5	31.6	32.3
-50	3.03	3.00	3.63	5.02	7.00	9.33	11.7	14.4	18.3	23.1	28.4	34.2	40.3	46.5	52.5	57.9	62.3	65.3	66.6
-40	3.03	3.13	4.31	6.44	9.49	12.8	16.7	21.8	28.0	36.2	46.4	58.3	71.7	86.2	101	114	126	133	136
-30	3.03	3.26	5.01	7.91	11.9	16.3	22.2	30.0	40.3	53.5	70.7	93.1	120	152	184	215	242	262	270
-20	3.03	3.41	5.64	9.21	14.0	19.6	27.4	38.2	53.0	73.1	100	137	184	241	309	374	432	475	492
-10	3.03	3.55	6.07	10.2	15.5	22.1	31.4	44.6	63.3	89.6	126	176	244	336	441	550	641	702	726
0	3.03	3.64	6.31	10.7	16.4	23.4	33.5	47.7	68.4	97.0	138	193	271	372	489	610	715	787	814
10	3.03	3.62	6.23	10.5	16.0	22.9	32.5	46.1	65.4	92.2	130	181	249	337	438	543	637	702	722
20	3.03	3.56	5.97	9.83	15.0	21.1	29.5	41.0	56.8	78.0	106	145	193	252	319	388	449	488	503
30	3.03	3.48	5.50	8.72	13.4	18.4	25.0	33.8	45.2	59.9	78.5	102	131	164	199	232	262	284	293
40	3.03	3.42	4.90	7.38	11.2	15.3	20.0	26.0	33.5	42.8	54.1	67.4	82.1	98.3	115	129	143	152	156
50	3.03	3.34	4.28	6.14	8.62	11.9	15.2	18.9	23.4	29.0	35.2	42.0	49.2	56.6	63.3	69.2	74.2	77.5	79.0
60	3.03	3.23	3.71	4.84	6.34	8.24	10.7	13.0	15.6	18.4	21.5	24.8	28.3	31.5	34.3	36.7	38.6	40.0	40.7
70	3.03	3.17	3.41	3.79	4.51	5.47	6.41	7.65	9.13	10.6	12.0	13.4	14.7	16.1	17.3	18.3	19.1	19.7	20.1
80	3.03	3.11	3.21	3.32	3.49	3.67	3.90	4.22	4.63	5.08	5.55	6.03	6.48	6.84	7.17	7.46	7.70	7.88	8.00
90	3.03	3.06	3.09	3.12	3.15	3.18	3.21	3.21	3.21	3.21	3.21	3.21	3.20	3.20	3.19	3.19	3.18	3.18	3.17
100	3.03	3.01	2.99	2.96	2.95	2.93	2.92	2.88	2.85	2.82	2.80	2.78	2.76	2.74	2.74	2.74	2.74	2.75	2.75
110	3.03	2.96	2.90	2.84	2.80	2.76	2.72	2.69	2.66	2.66	2.65	2.66	2.67	2.67	2.68	2.68	2.67	2.67	2.67
120	3.03	2.92	2.82	2.76	2.69	2.66	2.65	2.65	2.65	2.67	2.73	2.78	2.84	2.90	2.94	2.98	3.01	3.02	3.02
130	3.03	2.88	2.77	2.68	2.64	2.64	2.64	2.67	2.76	2.88	3.01	3.14	3.28	3.41	3.52	3.61	3.67	3.71	3.72
140	3.03	2.85	2.73	2.64	2.63	2.64	2.71	2.83	3.00	3.19	3.41	3.63	3.84	4.04	4.21	4.33	4.41	4.47	4.48
150	3.03	2.82	2.68	2.63	2.63	2.68	2.82	3.03	3.27	3.54	3.83	4.11	4.37	4.59	4.78	4.91	4.98	5.03	5.03
160	3.03	2.80	2.66	2.62	2.64	2.75	2.94	3.20	3.52	3.85	4.19	4.48	4.74	4.93	5.08	5.17	5.19	5.20	5.21
170	3.03	2.79	2.64	2.62	2.66	2.79	3.03	3.33	3.69	4.06	4.41	4.71	4.94	5.08	5.14	5.17	5.13	5.10	5.16
180	3.03	2.78	2.64	2.61	2.67	2.81	3.06	3.39	3.76	4.14	4.50	4.80	5.01	5.13	5.12	5.08	4.97	4.83	4.96

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 GREEN-50D-Rev1	TYPE:RGBW-Green	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001521
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	4.38	4.10	3.79	3.46	3.09	2.70	2.31	1.94	1.62	1.36	1.16	1.03	0.94	0.88	0.84	0.77	0.71	0.65
-170	4.03	3.85	3.63	3.33	2.99	2.63	2.25	1.90	1.60	1.35	1.16	1.03	0.95	0.89	0.85	0.78	0.71	0.65
-160	3.50	3.34	3.15	2.92	2.65	2.34	2.02	1.73	1.48	1.28	1.12	1.02	0.94	0.89	0.84	0.78	0.72	0.65
-150	2.79	2.69	2.53	2.35	2.14	1.92	1.70	1.50	1.32	1.18	1.06	0.99	0.93	0.89	0.84	0.78	0.72	0.65
-140	2.05	1.98	1.88	1.75	1.62	1.49	1.37	1.25	1.16	1.08	1.01	0.95	0.91	0.88	0.82	0.76	0.71	0.65
-130	1.45	1.41	1.36	1.29	1.23	1.17	1.12	1.07	1.02	0.99	0.96	0.93	0.90	0.86	0.81	0.76	0.70	0.65
-120	1.11	1.09	1.05	1.03	1.00	0.98	0.96	0.95	0.94	0.93	0.92	0.90	0.87	0.84	0.79	0.74	0.68	0.65
-110	0.95	0.94	0.92	0.90	0.89	0.88	0.89	0.89	0.89	0.89	0.89	0.88	0.88	0.84	0.80	0.76	0.73	0.65
-100	0.85	0.85	0.85	0.85	0.84	0.84	0.84	0.84	0.84	0.84	0.83	0.82	0.80	0.77	0.73	0.70	0.67	0.65
-90	0.74	0.76	0.78	0.80	0.82	0.83	0.83	0.82	0.82	0.81	0.80	0.80	0.77	0.75	0.72	0.70	0.67	0.65
-80	4.36	4.17	3.94	3.66	3.36	3.03	2.73	2.41	2.12	1.84	1.54	1.27	1.07	0.92	0.86	0.78	0.69	0.65
-70	14.3	13.8	13.1	12.3	11.3	10.2	8.99	7.79	6.64	5.57	4.58	3.53	2.57	1.91	1.30	0.90	0.76	0.65
-60	31.7	30.6	29.0	26.9	24.6	21.8	19.0	16.2	13.5	10.9	8.59	6.71	5.11	3.47	2.19	1.27	0.83	0.65
-50	65.4	62.4	58.2	52.9	46.9	40.4	34.2	28.4	23.0	18.2	14.0	10.6	7.72	5.46	3.26	1.78	0.89	0.65
-40	133	126	115	101	85.8	70.8	57.2	45.4	35.4	27.3	20.6	15.1	10.6	7.25	4.55	2.28	0.95	0.65
-30	262	243	216	184	150	118	90.5	68.2	50.8	37.6	27.5	19.7	13.5	8.93	5.65	2.70	1.08	0.65
-20	474	430	372	306	238	179	131	94.5	67.4	47.9	33.9	23.7	16.0	10.3	6.43	3.11	1.18	0.65
-10	700	638	546	438	331	238	168	117	80.5	55.5	38.4	26.4	17.7	11.3	6.92	3.38	1.25	0.65
0	793	727	623	497	370	264	183	124	84.9	58.0	39.8	27.2	18.1	11.6	7.08	3.46	1.27	0.65
10	790	632	533	424	323	236	168	117	81.5	56.7	39.5	27.2	18.3	11.7	7.21	3.53	1.32	0.65
20	483	438	374	304	236	178	132	96.3	69.8	50.3	36.0	25.3	17.2	11.2	7.00	3.42	1.33	0.65
30	280	255	223	188	154	121	94.3	72.1	54.8	41.2	30.5	21.9	15.2	10.1	6.44	3.15	1.29	0.65
40	150	139	125	110	93.2	77.3	63.2	50.8	40.3	31.6	24.1	17.7	12.6	8.72	5.47	2.86	1.23	0.65
50	76.8	72.8	67.4	61.3	54.4	47.1	40.1	33.7	27.8	22.4	17.7	13.4	9.93	7.07	4.28	2.41	1.22	0.65
60	39.8	38.2	36.1	33.5	30.6	27.4	24.0	20.8	17.6	14.7	12.1	9.62	7.31	5.01	3.34	2.00	1.20	0.65
70	19.6	19.0	18.1	17.0	15.8	14.4	12.9	11.5	10.1	8.80	7.44	6.04	4.68	3.49	2.50	1.73	1.16	0.65
80	7.81	7.56	7.26	6.92	6.54	6.15	5.74	5.33	4.90	4.46	4.11	3.79	3.21	2.64	2.13	1.62	1.10	0.65
90	3.18	3.19	3.20	3.21	3.22	3.23	3.23	3.24	3.24	3.24	3.25	3.25	2.82	2.38	1.95	1.52	1.08	0.65
100	2.74	2.73	2.73	2.73	2.72	2.73	2.76	2.79	2.81	2.85	2.89	2.89	2.56	2.21	1.84	1.46	1.06	0.65
110	2.67	2.68	2.68	2.67	2.67	2.66	2.65	2.64	2.65	2.66	2.69	2.63	2.35	2.06	1.75	1.41	1.04	0.65
120	3.02	3.01	2.98	2.94	2.89	2.84	2.78	2.72	2.67	2.64	2.64	2.44	2.17	1.91	1.64	1.35	1.00	0.65
130	3.71	3.68	3.61	3.53	3.42	3.29	3.15	3.01	2.88	2.76	2.56	2.28	2.02	1.78	1.53	1.27	0.98	0.65
140	4.47	4.42	4.34	4.22	4.06	3.86	3.65	3.43	3.21	2.89	2.46	2.12	1.85	1.63	1.41	1.18	0.94	0.65
150	5.03	4.99	4.92	4.79	4.61	4.39	4.13	3.85	3.30	2.76	2.30	1.95	1.68	1.47	1.29	1.10	0.89	0.65
160	5.19	5.18	5.16	5.09	4.96	4.77	4.17	3.54	2.96	2.46	2.04	1.71	1.46	1.29	1.15	0.99	0.84	0.65
170	5.05	5.11	5.17	4.89	4.41	3.91	3.38	2.87	2.39	1.98	1.65	1.40	1.23	1.09	1.00	0.89	0.78	0.65
180	4.38	4.10	3.79	3.46	3.09	2.70	2.31	1.94	1.62	1.36	1.16	1.03	0.94	0.88	0.84	0.77	0.71	0.65

H_b Range:-90 - 90DEGH_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: