

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	1164.5 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	96.2V x 92.7H
	At 50% of Imax	47.0V x 46.8H
	At 90% of Imax	18.0V x 18.6H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	840.9 lumens per klm.
	To 50% of Imax	431.1 lumens per klm.
	To 90% of Imax	84.6 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

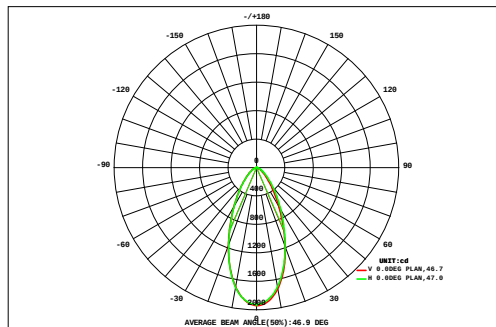
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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-50D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001519
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:51.39lm/W	
MODEL		Imax(cd)	1939
NOMINAL POWER(W)	32.9	AVAILABILITY(%)	84.1
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1401
NOMINAL FLUX(lm)	1665	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1665
TEST VOLTAGE(V)	221.4	q @50%(H,V)	47,47DEG

		AREA FLUX DIAGRAM															UNIT:lm			F t	F a											
		0.09	0.17	0.27	0.40	0.55	0.71	0.86	0.97	1.05	1.05	0.97	0.84	0.69	0.53	0.39	0.26	0.16	0.08	10.0	0.00											
VERTICAL (DEG)	72	0.12	0.24	0.41	0.62	0.89	1.19	1.47	1.69	1.83	1.82	1.67	1.43	1.15	0.86	0.60	0.38	0.22	0.10	16.7	0.00											
	64	0.16	0.33	0.56	0.90	1.35	1.88	2.41	2.86	3.14	3.11	2.80	2.33	1.81	1.30	0.87	0.53	0.29	0.13	26.7	0.98											
	56	0.20	0.41	0.75	1.26	1.99	2.91	3.91	4.81	5.37	5.32	4.67	3.73	2.75	1.87	1.19	0.70	0.37	0.16	42.4	25.8											
	48	0.24	0.51	0.96	1.70	2.85	4.41	6.28	7.98	9.07	8.97	7.72	5.94	4.12	2.64	1.58	0.89	0.45	0.19	66.5	55.7											
	40	0.27	0.60	1.19	2.23	3.91	6.42	9.59	12.7	14.8	14.6	12.3	9.04	5.95	3.58	2.03	1.07	0.52	0.21	101	92.4											
	32	0.30	0.68	1.41	2.76	5.10	8.78	13.8	19.1	22.4	22.2	18.4	13.0	8.08	4.63	2.49	1.25	0.58	0.23	145	138											
	24	0.32	0.74	1.58	3.21	6.17	11.1	18.0	25.6	30.5	30.3	24.9	17.2	10.4	5.66	2.88	1.38	0.62	0.25	191	184											
	-24	0.33	0.77	1.67	3.46	6.80	12.5	20.8	29.7	35.6	35.3	29.6	20.7	12.1	6.32	3.09	1.44	0.64	0.25	221	215											
		0.33	0.76	1.65	3.42	6.74	12.4	20.8	29.8	35.5	35.7	30.2	21.0	12.2	6.36	3.09	1.43	0.63	0.24	222	216											
		0.31	0.71	1.52	3.08	6.01	10.9	17.9	25.4	30.3	30.4	25.5	17.9	10.7	5.74	2.84	1.34	0.60	0.24	191	185											
		0.28	0.63	1.31	2.57	4.82	8.41	13.2	18.2	21.8	21.8	18.3	13.2	8.33	4.67	2.41	1.19	0.55	0.22	142	135											
		-32	0.24	0.54	1.07	1.99	3.55	5.93	8.84	11.7	13.8	13.8	11.8	8.88	5.89	3.48	1.91	0.99	0.47	0.19	95.1	86.3										
		-40	0.21	0.43	0.82	1.47	2.50	3.92	5.58	7.15	8.17	8.19	7.20	5.63	3.91	2.46	1.44	0.79	0.39	0.16	60.4	49.2										
		-48	0.17	0.33	0.60	1.04	1.67	2.48	3.37	4.15	4.64	4.65	4.17	3.40	2.49	1.67	1.04	0.59	0.30	0.13	36.9	17.5										
		-56	0.13	0.25	0.42	0.71	1.08	1.52	1.97	2.36	2.59	2.60	2.37	1.99	1.54	1.09	0.71	0.42	0.22	0.10	22.1	0.00										
	-64	0.09	0.17	0.29	0.46	0.67	0.91	1.14	1.33	1.45	1.45	1.34	1.15	0.92	0.68	0.46	0.28	0.15	0.07	13.0	0.00											
-72	0.06	0.10	0.18	0.27	0.38	0.50	0.62	0.72	0.78	0.78	0.72	0.63	0.51	0.38	0.26	0.17	0.10	0.04	7.19	0.00												
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)															16	24	32	40	48	56	64	72
F t	3.85	8.38	16.7	31.6	57.0	96.8	151	206	243	242	205	148	93.5	53.9	29.3	15.1	7.25	3.01	1610	---												
F a	0.00	0.00	0.00	14.3	43.7	84.7	139	195	232	231	193	136	81.2	39.9	9.99	0.00	0.00	0.00	---	1401												

one-half-peak spread: U:23.3,D:24.1 , L:23.5,R:23.6

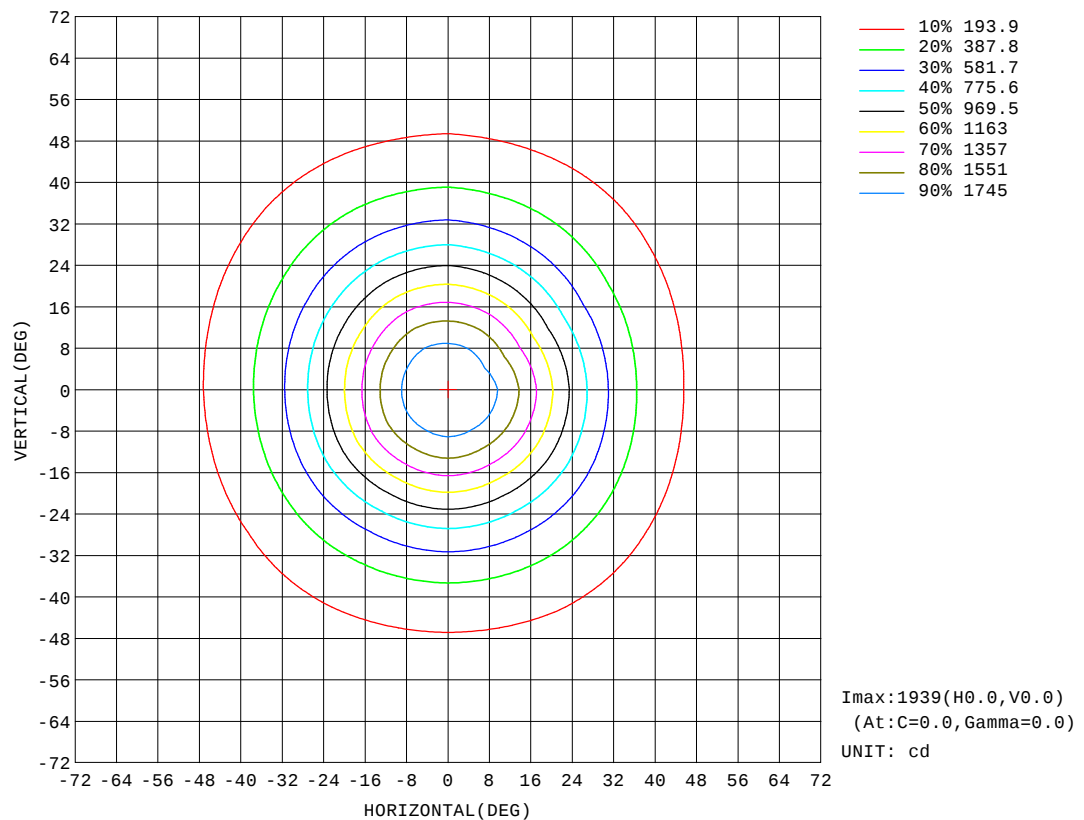
NEMA Beam Type: Type 5

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 ALL-50D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001519
MFR.:	SUR.:	Shielding Angle:

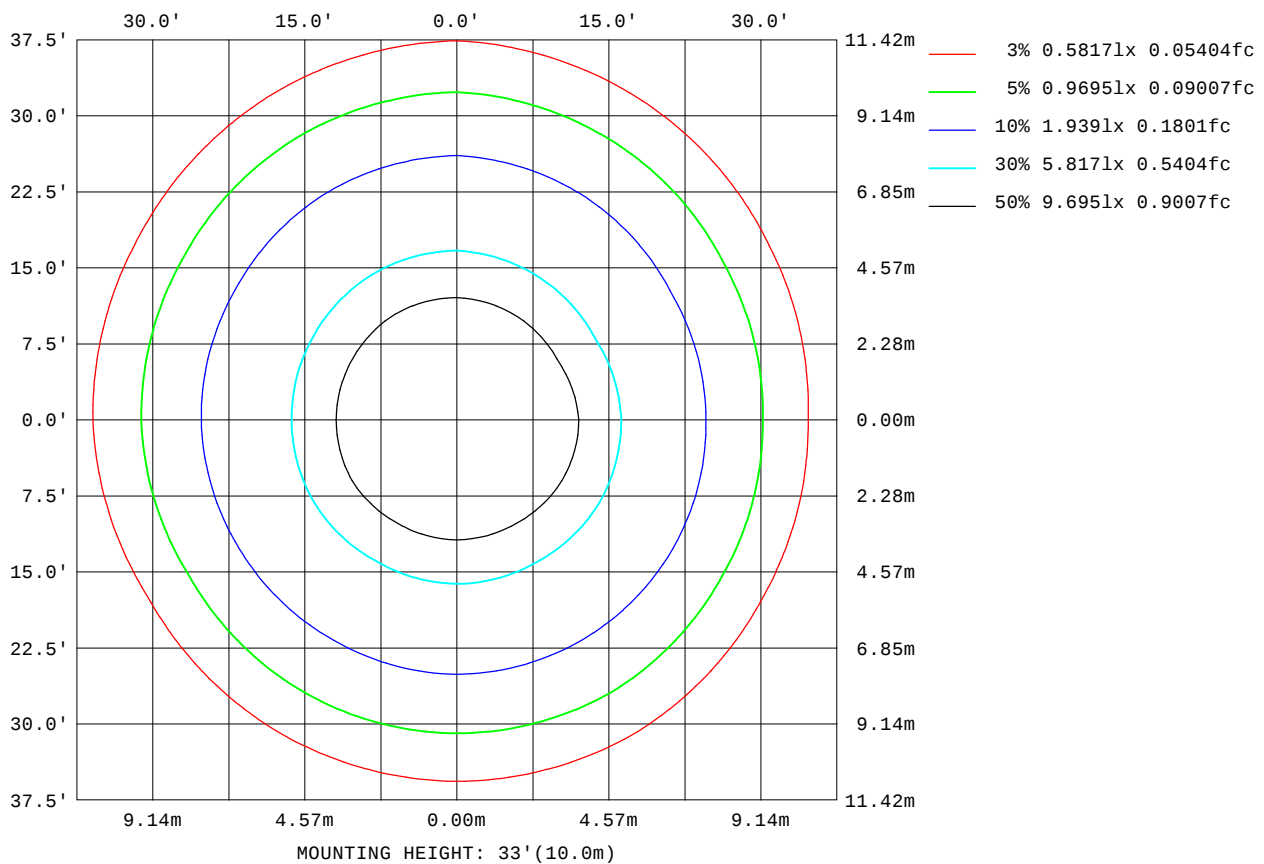


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

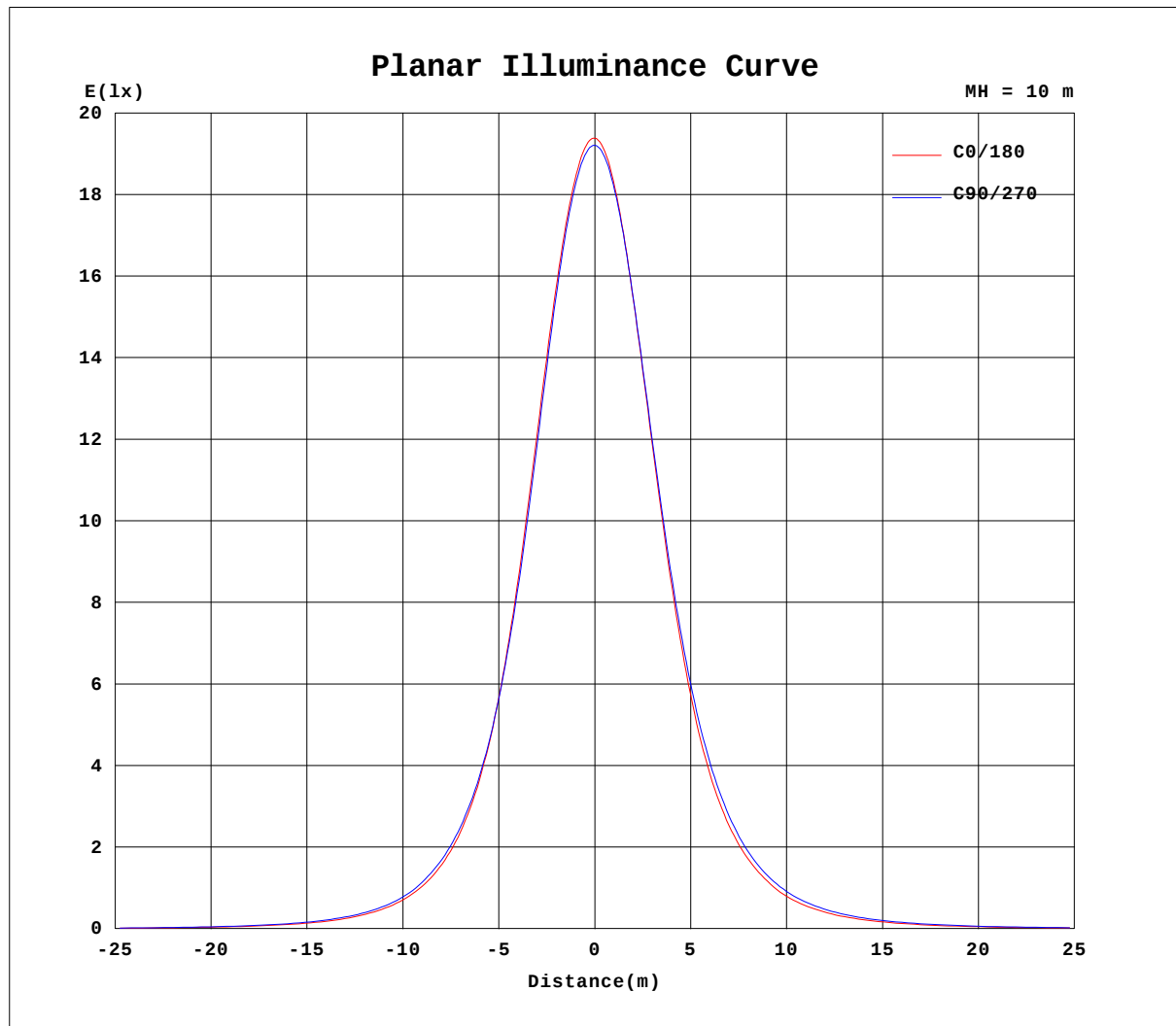
NAME:DecoBody-330mm-RGBW ALL-50D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001519
MFR.:	SUR.:	Shielding Angle:



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

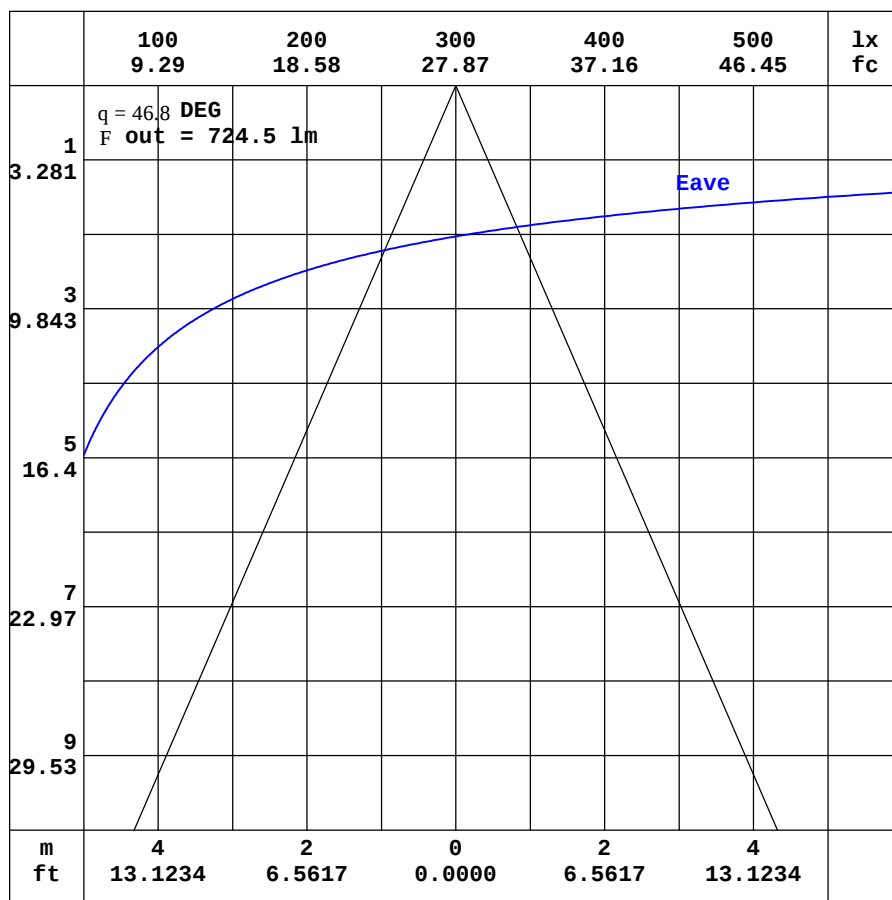


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-14

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 ALL-50D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001519
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 ALL-50D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001519
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	7.34	6.76	6.39	6.29	6.40	6.76	7.34	8.12	9.02	9.94	10.8	11.5	12.0	12.3	12.3	12.2	12.0	11.7	11.7
-170	7.34	6.63	6.15	5.92	5.89	6.05	6.38	6.83	7.34	7.84	8.28	8.59	8.77	8.78	8.63	8.71	9.35	9.84	10.1
-160	7.34	6.51	5.93	5.57	5.38	5.32	5.38	5.49	5.61	5.69	5.70	5.62	5.55	6.31	7.01	7.63	8.11	8.40	8.53
-150	7.34	6.41	5.73	5.24	4.90	4.65	4.46	4.27	4.05	3.76	3.55	4.04	4.58	5.14	5.66	6.13	6.47	6.70	6.78
-140	7.34	6.34	5.56	4.95	4.48	4.07	3.68	3.29	2.83	2.76	3.00	3.29	3.61	3.94	4.26	4.54	4.76	4.91	4.98
-130	7.34	6.30	5.44	4.73	4.13	3.60	3.08	2.56	2.38	2.48	2.59	2.72	2.87	3.03	3.18	3.32	3.43	3.51	3.54
-120	7.34	6.28	5.36	4.57	3.87	3.23	2.64	2.21	2.25	2.30	2.34	2.39	2.44	2.50	2.56	2.62	2.67	2.70	2.73
-110	7.34	6.29	5.35	4.48	3.70	2.97	2.28	2.09	2.13	2.16	2.19	2.21	2.24	2.26	2.29	2.32	2.34	2.36	2.38
-100	7.34	6.35	5.40	4.49	3.62	2.78	1.99	1.95	1.97	1.99	2.01	2.02	2.04	2.06	2.08	2.09	2.11	2.12	2.13
-90	7.34	6.43	5.52	4.61	3.71	2.80	1.89	1.89	1.90	1.90	1.90	1.90	1.90	1.89	1.87	1.86	1.84	1.83	1.82
-80	7.34	6.54	5.73	4.95	4.26	3.65	3.18	3.77	4.55	5.28	5.97	6.67	7.35	8.04	8.70	9.30	9.83	10.3	10.6
-70	7.34	6.70	6.26	6.16	6.89	7.58	8.76	10.9	13.4	15.8	18.2	20.7	23.1	25.7	28.1	30.1	31.8	33.0	33.8
-60	7.34	6.91	7.10	8.72	11.1	14.2	17.3	20.7	25.5	31.1	37.1	43.5	49.8	55.9	61.6	66.5	70.5	73.3	74.8
-50	7.34	7.27	8.68	12.0	16.4	21.8	27.1	33.3	42.1	53.1	65.3	78.8	93.2	108	122	134	145	152	154
-40	7.34	7.59	10.2	15.2	22.2	29.8	38.7	50.1	64.1	83.1	107	135	167	201	236	268	296	314	322
-30	7.34	7.88	12.0	18.6	27.9	38.0	51.5	69.2	92.7	123	163	216	282	354	429	502	568	615	635
-20	7.34	8.21	13.5	21.7	32.6	45.6	63.4	88.2	122	169	233	322	433	569	719	872	1008	1113	1154
-10	7.34	8.53	14.5	23.9	36.2	51.4	73.0	103	147	208	299	419	580	787	1033	1286	1502	1649	1709
0	7.34	8.74	15.0	25.2	38.3	54.6	77.9	111	159	227	328	461	643	880	1161	1448	1701	1875	1939
10	7.34	8.71	14.8	24.7	37.5	53.3	75.6	107	152	215	307	428	590	795	1035	1284	1505	1658	1700
20	7.34	8.57	14.2	23.1	35.1	49.1	68.4	95.0	132	182	250	340	453	594	751	913	1056	1148	1180
30	7.34	8.40	13.1	20.6	31.2	42.9	58.1	78.3	104	139	184	240	309	387	470	552	620	668	687
40	7.34	8.26	11.6	17.5	26.2	35.6	46.4	60.3	77.4	98.7	125	157	192	230	270	306	335	355	364
50	7.34	8.07	10.2	14.6	20.3	27.8	35.4	43.8	54.2	67.0	81.3	97.0	114	131	147	162	174	182	186
60	7.34	7.81	8.90	11.5	15.0	19.4	25.0	30.4	36.2	42.6	49.8	57.5	65.4	72.9	79.4	85.1	89.6	92.9	94.6
70	7.34	7.64	8.21	9.09	10.7	12.9	15.1	18.0	21.4	24.7	27.9	31.1	34.1	37.2	40.0	42.4	44.3	45.8	46.7
80	7.34	7.52	7.72	7.99	8.36	8.77	9.32	10.1	11.0	12.0	13.1	14.2	15.3	16.1	16.9	17.5	18.1	18.5	18.8
90	7.34	7.39	7.45	7.51	7.56	7.62	7.68	7.68	7.68	7.69	7.69	7.70	7.70	7.67	7.65	7.62	7.59	7.57	7.54
100	7.34	7.27	7.20	7.14	7.07	7.02	6.97	6.90	6.83	6.78	6.73	6.69	6.65	6.61	6.58	6.56	6.54	6.54	6.54
110	7.34	7.16	6.99	6.85	6.72	6.61	6.52	6.45	6.39	6.36	6.35	6.35	6.36	6.37	6.38	6.38	6.37	6.37	6.36
120	7.34	7.06	6.82	6.63	6.48	6.38	6.34	6.33	6.34	6.42	6.52	6.65	6.78	6.91	7.02	7.11	7.18	7.23	7.24
130	7.34	6.97	6.68	6.47	6.34	6.32	6.33	6.45	6.65	6.91	7.21	7.52	7.82	8.12	8.37	8.58	8.74	8.84	8.87
140	7.34	6.90	6.58	6.36	6.31	6.34	6.51	6.81	7.21	7.67	8.18	8.69	9.18	9.63	10.0	10.3	10.5	10.6	10.7
150	7.34	6.84	6.50	6.32	6.31	6.46	6.79	7.27	7.86	8.51	9.20	9.86	10.5	11.0	11.4	11.7	11.9	12.0	12.0
160	7.34	6.80	6.45	6.30	6.34	6.60	7.06	7.69	8.44	9.25	10.0	10.7	11.3	11.8	12.1	12.3	12.4	12.4	12.4
170	7.34	6.77	6.41	6.30	6.38	6.71	7.26	8.00	8.85	9.75	10.6	11.3	11.8	12.2	12.3	12.3	12.3	12.2	12.2
180	7.34	6.76	6.39	6.29	6.40	6.76	7.34	8.12	9.02	9.94	10.8	11.5	12.0	12.3	12.3	12.2	12.0	11.7	11.8

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-50D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:330mm	SERIAL No.:IES001519
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	10.6	9.89	9.16	8.37	7.50	6.56	5.64	4.77	4.02	3.39	2.93	2.61	2.41	2.29	2.16	2.03	1.87	1.68
-170	9.66	9.23	8.68	7.99	7.19	6.33	5.45	4.63	3.91	3.33	2.90	2.60	2.41	2.28	2.16	2.03	1.87	1.68
-160	8.36	8.03	7.59	7.03	6.35	5.62	4.89	4.20	3.61	3.14	2.79	2.54	2.39	2.27	2.16	2.03	1.86	1.68
-150	6.69	6.46	6.12	5.68	5.18	4.64	4.11	3.63	3.22	2.89	2.64	2.47	2.35	2.25	2.14	2.02	1.85	1.68
-140	4.92	4.78	4.56	4.29	3.97	3.65	3.34	3.06	2.83	2.65	2.50	2.39	2.30	2.21	2.12	1.99	1.84	1.68
-130	3.51	3.44	3.33	3.20	3.05	2.90	2.76	2.64	2.54	2.46	2.39	2.32	2.25	2.17	2.08	1.96	1.82	1.68
-120	2.71	2.67	2.62	2.57	2.51	2.46	2.42	2.38	2.35	2.32	2.29	2.25	2.19	2.11	2.03	1.92	1.80	1.68
-110	2.36	2.34	2.32	2.30	2.27	2.25	2.25	2.25	2.25	2.22	2.21	2.17	2.11	2.04	1.96	1.87	1.77	1.68
-100	2.13	2.13	2.13	2.13	2.12	2.11	2.12	2.12	2.11	2.10	2.09	2.06	2.01	1.96	1.90	1.82	1.74	1.68
-90	1.87	1.91	1.96	2.01	2.06	2.11	2.11	2.10	2.10	2.10	2.09	2.09	2.02	1.95	1.88	1.81	1.75	1.68
-80	10.2	9.74	9.17	8.51	7.80	7.08	6.44	5.74	5.07	4.44	3.75	3.15	2.71	2.36	2.20	2.00	1.78	1.68
-70	33.1	31.9	30.4	28.4	26.1	23.5	20.8	18.0	15.4	12.9	10.7	8.38	6.16	4.64	3.25	2.30	1.94	1.68
-60	73.5	70.9	67.1	62.3	56.9	50.6	43.9	37.4	31.1	25.2	19.9	15.6	12.0	8.25	5.31	3.18	2.13	1.68
-50	152	146	136	123	109	93.9	79.3	65.7	53.2	41.9	32.4	24.4	17.9	12.8	7.77	4.36	2.26	1.68
-40	315	297	270	238	202	166	134	106	82.2	63.1	47.5	34.8	24.6	16.9	10.7	5.54	2.43	1.68
-30	617	571	507	431	354	279	212	159	118	87.4	63.8	45.4	31.4	20.8	13.2	6.51	2.73	1.68
-20	1114	1012	876	721	566	427	313	222	158	112	78.7	54.8	37.1	24.1	15.0	7.43	2.98	1.68
-10	1652	1509	1293	1036	783	567	399	278	190	130	89.4	61.2	40.9	26.2	16.2	8.06	3.15	1.68
0	1887	1729	1482	1179	877	625	433	297	202	137	92.7	63.2	42.1	26.9	16.6	8.26	3.20	1.68
10	1643	1480	1243	992	755	553	394	277	193	133	91.7	63.1	42.4	27.3	16.8	8.41	3.32	1.68
20	1132	1025	873	707	550	414	309	226	164	117	83.3	58.5	39.9	26.0	16.3	8.12	3.32	1.68
30	658	602	527	444	361	285	220	168	126	95.1	70.3	50.6	35.3	23.5	15.0	7.54	3.22	1.68
40	351	326	295	255	216	180	147	117	92.9	72.6	55.3	40.9	29.2	20.3	12.9	6.87	3.07	1.68
50	180	170	157	142	126	109	92.9	77.8	64.0	51.6	40.8	31.0	23.1	16.5	10.1	5.84	3.02	1.68
60	92.4	88.7	83.7	77.7	71.1	63.5	55.7	48.0	40.7	33.9	28.0	22.3	17.0	11.8	7.99	4.89	2.98	1.68
70	45.7	44.1	42.0	39.5	36.6	33.5	30.1	26.7	23.5	20.5	17.4	14.2	11.0	8.32	6.03	4.18	2.85	1.68
80	18.3	17.8	17.1	16.3	15.5	14.6	13.6	12.6	11.6	10.6	9.74	8.99	7.61	6.30	5.11	3.91	2.71	1.68
90	7.58	7.61	7.65	7.68	7.72	7.75	7.75	7.74	7.73	7.72	7.71	7.70	6.70	5.69	4.69	3.69	2.68	1.68
100	6.52	6.51	6.51	6.52	6.54	6.57	6.61	6.66	6.72	6.78	6.84	6.85	6.08	5.29	4.46	3.58	2.65	1.68
110	6.36	6.36	6.36	6.35	6.33	6.31	6.27	6.26	6.27	6.30	6.36	6.23	5.61	4.95	4.24	3.46	2.61	1.68
120	7.22	7.17	7.08	6.98	6.85	6.72	6.59	6.46	6.35	6.26	6.24	5.79	5.19	4.61	4.00	3.33	2.56	1.68
130	8.83	8.73	8.57	8.36	8.09	7.80	7.48	7.15	6.84	6.58	6.13	5.42	4.84	4.29	3.74	3.15	2.47	1.68
140	10.6	10.5	10.3	9.98	9.60	9.15	8.66	8.14	7.62	6.89	5.91	5.11	4.47	3.96	3.47	2.96	2.38	1.68
150	11.9	11.8	11.6	11.3	10.9	10.4	9.82	9.15	7.85	6.59	5.55	4.72	4.08	3.60	3.17	2.76	2.27	1.68
160	12.3	12.3	12.2	12.1	11.8	11.3	9.92	8.45	7.10	5.91	4.93	4.17	3.61	3.20	2.86	2.53	2.14	1.68
170	12.0	12.1	12.2	11.6	10.5	9.33	8.11	6.90	5.77	4.81	4.04	3.46	3.04	2.76	2.52	2.28	2.01	1.68
180	10.6	9.89	9.16	8.37	7.50	6.56	5.64	4.77	4.02	3.39	2.93	2.61	2.41	2.29	2.16	2.03	1.87	1.68

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: