

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1814.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	75.1V x 73.4H
	At 50% of Imax	35.4V x 34.7H
	At 90% of Imax	13.5V x 13.3H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	781.9 lumens per klm.
	To 50% of Imax	378.4 lumens per klm.
	To 90% of Imax	73.4 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

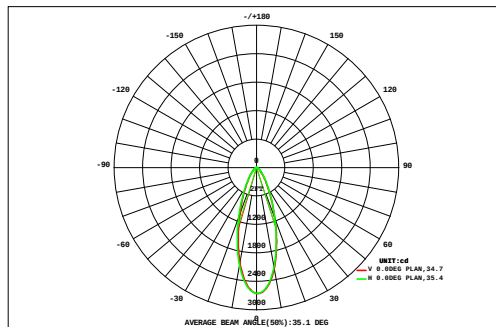
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-07-03

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-600mm-RGBW GREEN-35D-Rev1	TYPE:RGBW-GREEN	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250-G
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:80.83lm/W	
MODEL		Imax(cd)	2655
NOMINAL POWER(W)	18.1	AVAILABILITY(%)	78.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1144
NOMINAL FLUX(lm)	1463	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1463
TEST VOLTAGE(V)	221.4	q @50%(H,V)	35,35DEG

72 64 56 48 40 32 24 -24 -32 -40 -48 -56 -64 -72 -72	AREA FLUX DIAGRAM																UNIT:lm				F t	F a
	0.07	0.13	0.20	0.29	0.40	0.50	0.59	0.66	0.69	0.69	0.65	0.59	0.50	0.40	0.29	0.20	0.13	0.06	7.05	0.00		
0.09	0.18	0.29	0.44	0.62	0.81	0.98	1.11	1.18	1.18	1.10	0.97	0.81	0.62	0.45	0.30	0.17	0.08	11.4	0.00			
0.12	0.23	0.40	0.63	0.92	1.24	1.56	1.82	1.96	1.96	1.81	1.55	1.24	0.92	0.64	0.41	0.23	0.11	17.7	0.00			
0.15	0.30	0.52	0.85	1.31	1.88	2.50	3.04	3.38	3.38	3.02	2.47	1.87	1.32	0.87	0.53	0.28	0.13	27.8	0.00			
0.17	0.36	0.66	1.13	1.84	2.83	4.05	5.26	6.05	6.05	5.25	4.03	2.83	1.85	1.15	0.66	0.34	0.15	44.7	17.4			
0.19	0.42	0.80	1.45	2.53	4.20	6.60	9.33	11.3	11.3	9.37	6.65	4.24	2.55	1.45	0.78	0.39	0.17	73.7	57.2			
0.21	0.47	0.93	1.78	3.30	5.96	10.4	16.5	21.2	21.3	16.6	10.6	6.09	3.34	1.75	0.89	0.43	0.18	122	109			
0.23	0.51	1.03	2.05	4.00	7.81	15.1	26.2	35.7	35.7	26.5	15.6	8.16	4.09	2.01	0.97	0.45	0.19	186	175			
0.23	0.53	1.08	2.19	4.41	9.02	18.5	33.5	46.7	47.0	34.8	20.0	9.77	4.57	2.13	1.00	0.46	0.19	236	225			
0.23	0.52	1.06	2.14	4.33	8.95	18.5	33.5	46.2	46.8	35.2	20.2	9.78	4.52	2.10	0.98	0.45	0.18	236	225			
0.21	0.48	0.96	1.91	3.77	7.57	14.9	25.6	34.6	34.9	26.4	15.8	8.11	3.94	1.90	0.91	0.42	0.17	183	171			
0.19	0.42	0.83	1.57	2.93	5.52	9.86	15.6	20.6	20.7	16.0	10.3	5.84	3.07	1.59	0.80	0.39	0.16	116	103			
0.17	0.36	0.68	1.21	2.14	3.68	5.94	8.58	10.7	10.8	8.74	6.12	3.83	2.23	1.25	0.67	0.33	0.14	67.6	50.7			
0.14	0.29	0.52	0.90	1.50	2.37	3.48	4.64	5.48	5.50	4.68	3.53	2.43	1.55	0.94	0.54	0.28	0.12	38.9	11.1			
0.12	0.23	0.39	0.65	1.02	1.49	2.03	2.54	2.89	2.89	2.55	2.04	1.52	1.06	0.68	0.41	0.22	0.10	22.8	0.00			
0.09	0.17	0.28	0.46	0.68	0.94	1.21	1.44	1.59	1.59	1.45	1.21	0.95	0.70	0.48	0.30	0.16	0.08	13.8	0.00			
0.07	0.12	0.19	0.30	0.44	0.58	0.72	0.83	0.90	0.90	0.84	0.72	0.59	0.45	0.32	0.20	0.12	0.06	8.35	0.00			
0.05	0.07	0.12	0.18	0.25	0.33	0.40	0.46	0.50	0.50	0.46	0.41	0.34	0.26	0.19	0.13	0.07	0.04	4.77	0.00			
HORIZONTAL (DEG)																						
16	24	32	40	48	56	64	72															
F t	2.75	5.77	11.0	20.1	36.4	65.7	117	191	252	253	195	123	68.9	37.4	20.2	10.7	5.32	2.29	1417	---		
F a	0.00	0.00	0.00	0.00	8.80	45.7	99.6	174	235	237	179	105	49.4	10.5	0.00	0.00	0.00	0.00	---	1144		

one-half-peak spread: U:18.2,D:17.5 , L:17.3,R:17.7

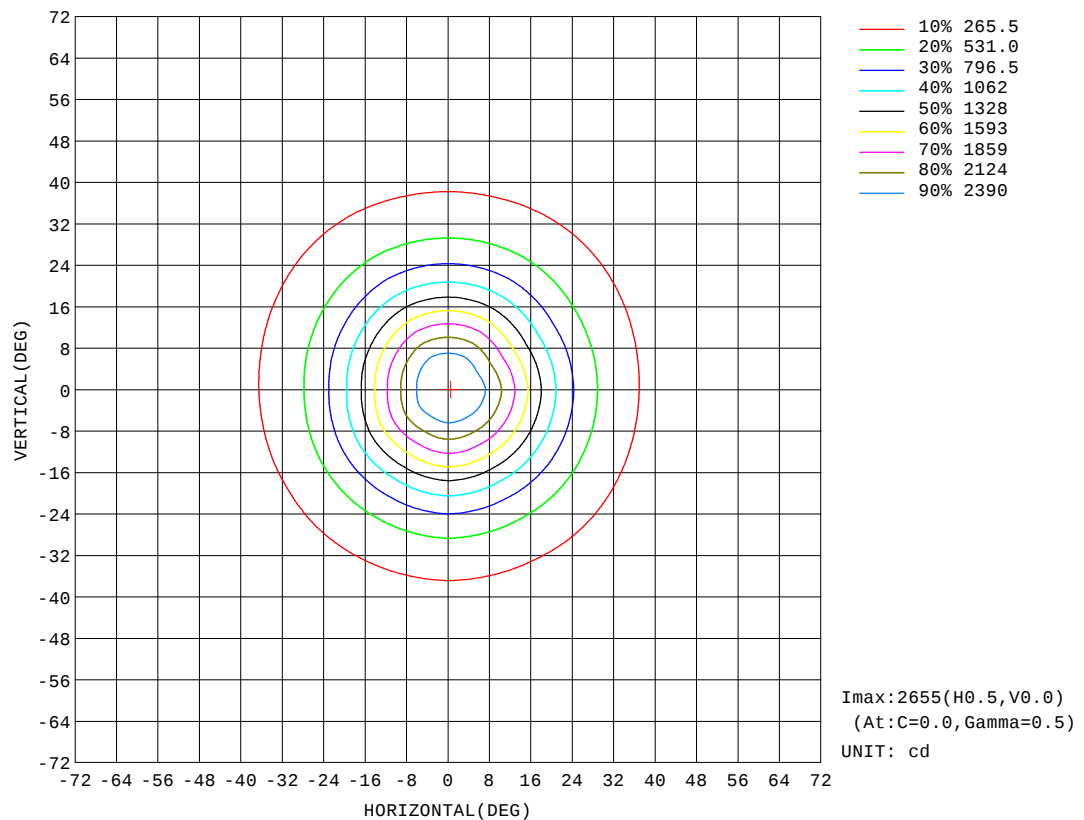
NEMA Beam Type: Type 5

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-07-03

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-600mm-RGBW GREEN-35D-Rev1	TYPE:RGBW-GREEN	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250-G
MFR.:	SUR.:	Shielding Angle:

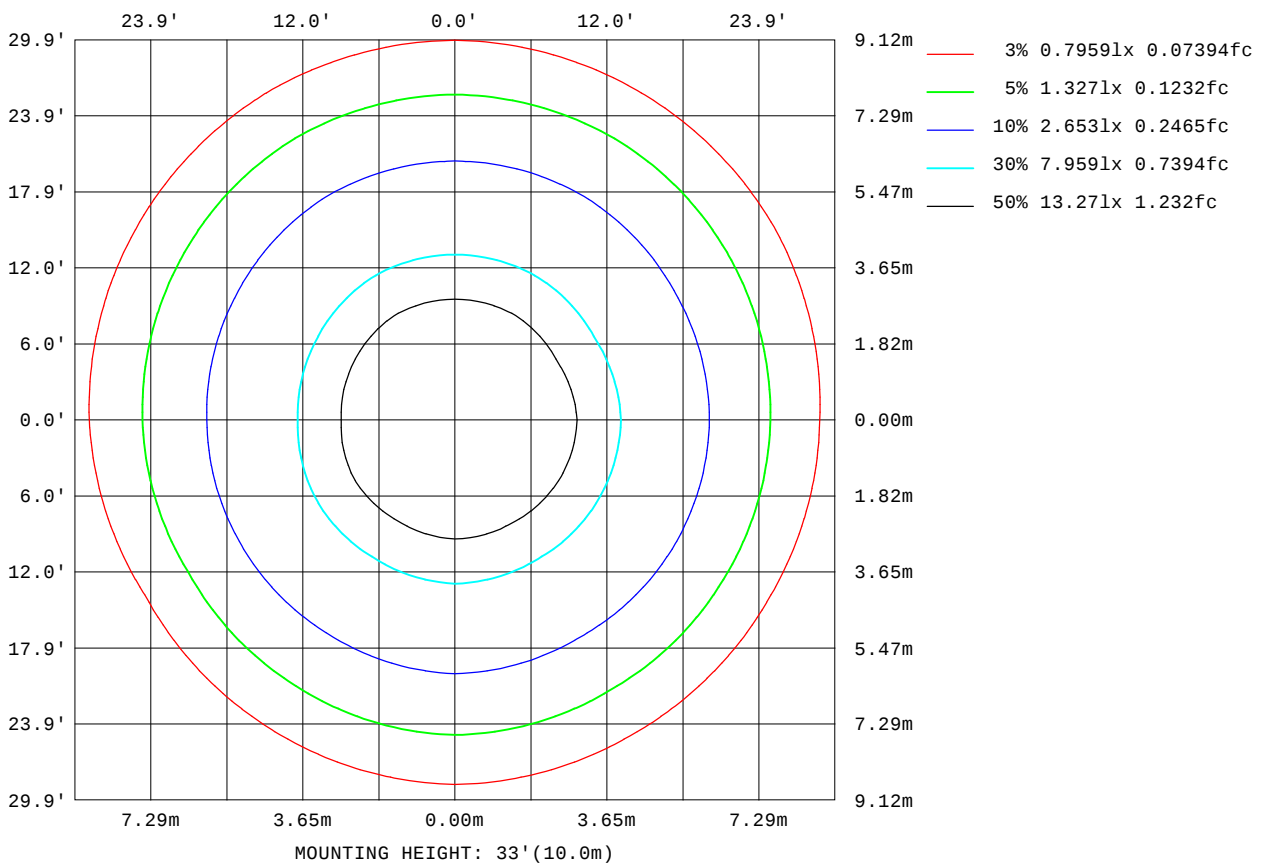


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-07-03

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

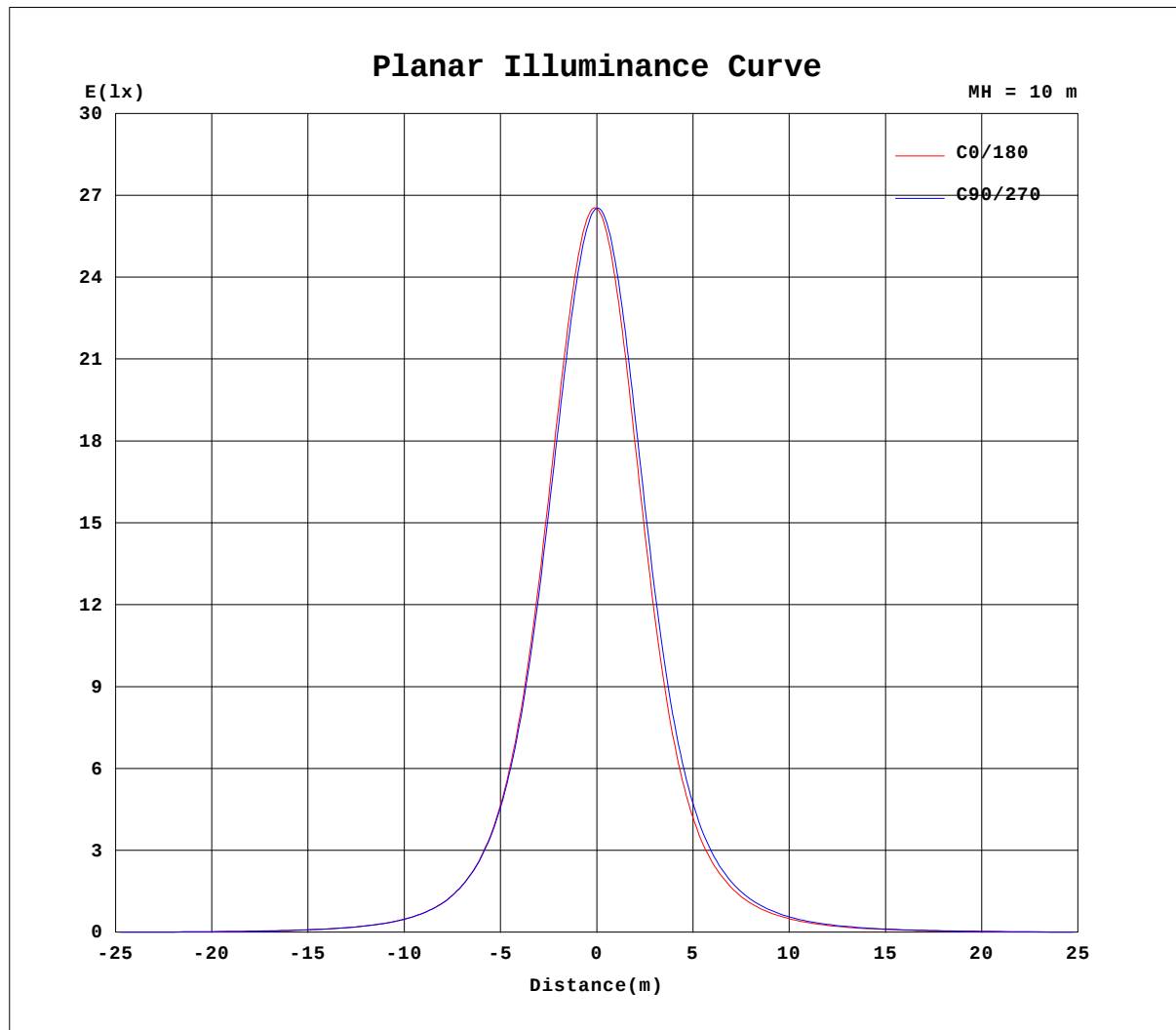
NAME:DecoBody-600mm-RGBW GREEN-35D-Rev1	TYPE:RGBW-GREEN	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250-G
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-07-03

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

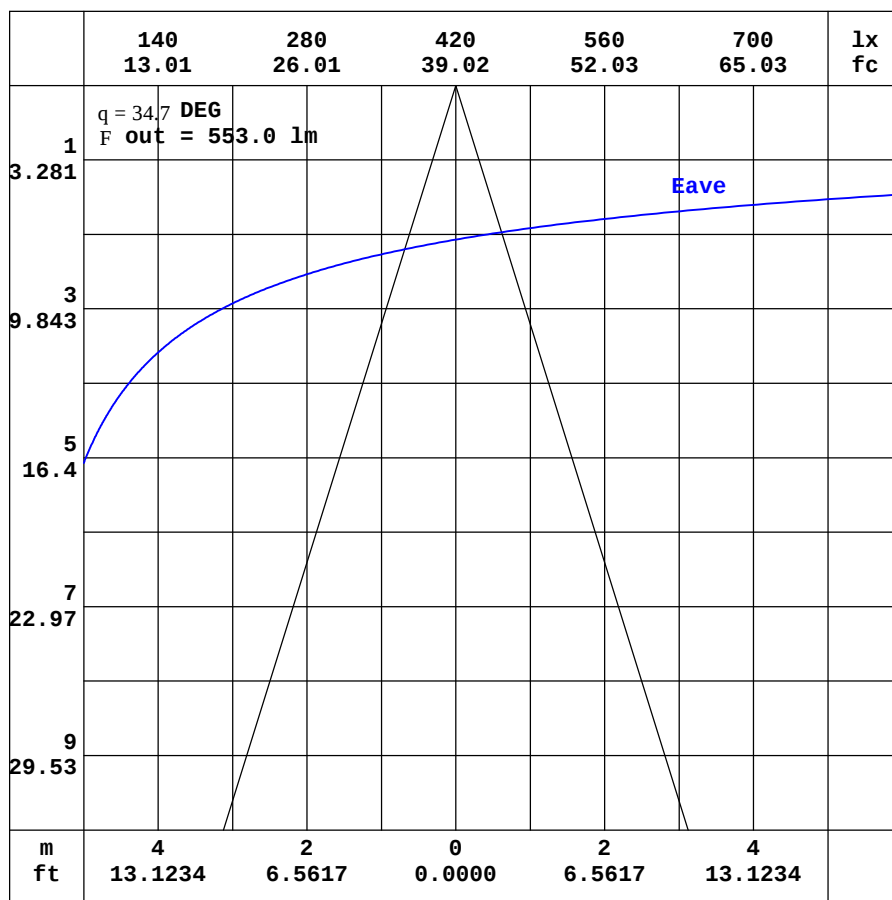


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-07-03

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-600mm-RGBW GREEN-35D-Rev1	TYPE:RGBW-GREEN	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250-G
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:2023-07-03

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-600mm-RGBW GREEN-35D-Rev1	TYPE:RGBW-GREEN	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250-G
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	5.95	5.47	5.15	5.05	5.14	5.47	6.08	6.94	7.95	8.99	9.89	10.6	10.9	11.0	10.9	10.6	10.3	9.93	10.4
-170	5.95	5.38	4.98	4.78	4.76	4.91	5.27	5.79	6.40	7.01	7.54	7.91	8.12	8.17	8.11	8.26	8.82	9.26	9.50
-160	5.95	5.29	4.82	4.53	4.38	4.35	4.43	4.59	4.79	4.97	5.07	5.10	5.16	5.98	6.73	7.39	7.90	8.16	8.24
-150	5.95	5.22	4.68	4.29	4.03	3.83	3.68	3.54	3.37	3.15	2.99	3.51	4.10	4.71	5.29	5.80	6.16	6.38	6.45
-140	5.95	5.17	4.57	4.10	3.74	3.41	3.09	2.75	2.35	2.25	2.45	2.71	3.02	3.37	3.71	4.01	4.24	4.38	4.43
-130	5.95	5.14	4.49	3.95	3.50	3.09	2.68	2.25	2.07	2.08	2.12	2.19	2.29	2.42	2.55	2.68	2.77	2.84	2.87
-120	5.95	5.13	4.44	3.84	3.33	2.85	2.41	2.06	2.06	2.06	2.05	2.05	2.05	2.05	2.07	2.10	2.13	2.15	2.17
-110	5.95	5.15	4.43	3.78	3.20	2.67	2.18	2.04	2.05	2.05	2.05	2.05	2.04	2.05	2.05	2.06	2.07	2.07	2.08
-100	5.95	5.19	4.46	3.77	3.13	2.52	1.94	1.91	1.94	1.95	1.97	1.98	1.99	2.01	2.03	2.04	2.06	2.07	2.08
-90	5.95	5.25	4.55	3.85	3.15	2.45	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
-80	5.95	5.34	4.70	4.06	3.55	3.10	2.67	3.05	3.51	3.97	4.43	4.89	5.33	5.79	6.22	6.60	6.93	7.19	7.37
-70	5.95	5.45	5.10	5.12	5.38	5.82	6.46	7.73	9.25	10.8	12.4	14.0	15.5	17.1	18.5	19.7	20.6	21.3	21.7
-60	5.95	5.60	5.90	6.82	8.32	10.1	11.9	14.0	17.3	20.8	24.4	28.3	32.1	35.7	39.0	41.9	44.2	45.8	46.7
-50	5.95	5.88	6.93	9.05	11.9	15.1	18.6	22.4	27.6	34.0	41.2	49.1	57.5	65.9	74.2	81.8	88.2	92.9	95.2
-40	5.95	6.21	8.06	11.4	15.8	20.7	26.4	33.0	40.7	51.3	65.1	81.5	99.9	120	144	165	184	198	205
-30	5.95	6.55	9.27	13.8	19.5	26.3	34.8	45.0	58.1	75.4	98.1	130	171	221	280	343	404	453	476
-20	5.95	6.84	10.3	15.9	22.8	31.6	42.8	57.2	76.7	104	142	195	275	386	532	705	883	1035	1109
-10	5.95	7.08	11.0	17.5	25.5	35.8	49.3	67.2	92.4	130	183	265	391	584	872	1249	1639	1939	2089
0	5.95	7.25	11.4	18.4	27.0	38.4	53.2	73.0	101	143	205	299	442	671	1023	1502	2032	2462	2652
10	5.95	7.23	11.3	18.1	26.5	37.5	51.9	70.9	97.7	138	194	278	403	594	875	1253	1674	2016	2130
20	5.95	7.13	10.9	17.1	24.8	34.8	47.5	63.9	85.9	117	161	220	301	413	560	743	934	1071	1126
30	5.95	6.96	10.2	15.4	22.3	30.5	40.9	53.7	69.8	91.0	119	155	199	253	317	383	441	483	500
40	5.95	6.73	9.21	13.4	18.9	25.4	33.2	42.5	53.3	66.5	82.6	102	124	148	172	194	213	227	232
50	5.95	6.49	8.24	11.2	15.2	20.0	25.3	31.5	38.5	46.6	55.5	65.1	75.4	86.0	95.1	103	109	113	115
60	5.95	6.29	7.35	9.12	11.6	14.7	18.1	21.8	25.9	30.4	35.2	40.0	44.9	49.5	53.1	56.2	58.5	60.1	60.6
70	5.95	6.18	6.60	7.46	8.63	10.1	11.8	13.8	15.9	18.1	20.2	22.4	24.6	26.3	27.8	29.1	30.0	30.5	30.8
80	5.95	6.08	6.22	6.40	6.69	7.11	7.59	8.11	8.69	9.33	9.99	10.7	11.3	11.8	12.2	12.5	12.8	12.9	13.0
90	5.95	5.98	6.01	6.05	6.08	6.11	6.14	6.15	6.16	6.16	6.17	6.18	6.19	6.19	6.19	6.19	6.19	6.19	6.19
100	5.95	5.89	5.82	5.76	5.70	5.64	5.60	5.54	5.49	5.44	5.40	5.37	5.34	5.32	5.30	5.29	5.29	5.28	5.29
110	5.95	5.79	5.65	5.53	5.42	5.33	5.25	5.19	5.13	5.09	5.07	5.06	5.06	5.06	5.06	5.07	5.06	5.06	5.05
120	5.95	5.71	5.51	5.34	5.22	5.12	5.08	5.07	5.07	5.10	5.18	5.28	5.39	5.50	5.59	5.68	5.74	5.77	5.78
130	5.95	5.65	5.39	5.21	5.09	5.06	5.07	5.14	5.32	5.55	5.83	6.14	6.45	6.74	7.02	7.25	7.43	7.53	7.55
140	5.95	5.59	5.30	5.12	5.06	5.08	5.21	5.49	5.88	6.36	6.90	7.47	8.02	8.51	8.93	9.28	9.52	9.67	9.71
150	5.95	5.54	5.24	5.07	5.07	5.17	5.48	5.96	6.59	7.33	8.11	8.84	9.51	10.1	10.5	10.9	11.1	11.2	11.2
160	5.95	5.50	5.20	5.06	5.09	5.31	5.76	6.43	7.27	8.19	9.08	9.87	10.5	10.9	11.2	11.4	11.5	11.6	11.7
170	5.95	5.48	5.17	5.05	5.12	5.42	5.98	6.79	7.75	8.76	9.68	10.4	10.9	11.1	11.2	11.1	11.0	10.9	11.1
180	5.95	5.47	5.15	5.05	5.14	5.47	6.08	6.94	7.95	8.99	9.89	10.6	10.9	11.0	10.9	10.6	10.3	9.93	10.5

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-07-03

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-600mm-RGBW GREEN-35D-Rev1	TYPE:RGBW-GREEN	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250-G
MFR.:	SUR.:	Shielding Angle:

Table--2
UNIT: cd

H(DEC) V(DEC)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	8.99	8.47	7.95	7.33	6.56	5.70	4.80	3.94	3.21	2.66	2.30	2.14	2.08	2.08	2.05	1.97	1.79	1.56	
-170	8.95	8.49	7.99	7.31	6.50	5.61	4.70	3.86	3.15	2.62	2.29	2.13	2.08	2.08	2.05	1.97	1.79	1.56	
-160	8.03	7.68	7.17	6.53	5.78	4.98	4.18	3.47	2.88	2.47	2.22	2.11	2.09	2.08	2.06	1.96	1.78	1.56	
-150	6.32	6.05	5.67	5.14	4.57	3.97	3.41	2.92	2.54	2.29	2.15	2.10	2.09	2.08	2.05	1.95	1.77	1.56	
-140	4.36	4.19	3.94	3.65	3.30	2.96	2.67	2.42	2.26	2.16	2.12	2.10	2.09	2.08	2.03	1.92	1.76	1.56	
-130	2.83	2.76	2.66	2.53	2.40	2.29	2.20	2.14	2.12	2.11	2.10	2.10	2.09	2.07	2.00	1.88	1.73	1.56	
-120	2.16	2.14	2.11	2.10	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.10	2.08	2.02	1.94	1.83	1.70	1.56	
-110	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.08	2.06	2.00	1.94	1.86	1.77	1.66	1.56	
-100	2.08	2.07	2.06	2.05	2.04	2.02	2.02	2.01	1.99	1.98	1.96	1.93	1.88	1.82	1.76	1.69	1.62	1.56	
-90	1.75	1.75	1.75	1.74	1.74	1.74	1.74	1.74	1.74	1.73	1.73	1.73	1.70	1.68	1.65	1.62	1.59	1.56	
-80	7.21	6.97	6.66	6.29	5.86	5.41	5.00	4.55	4.07	3.61	3.16	2.72	2.33	2.01	1.76	1.63	1.59	1.56	
-70	21.4	20.8	19.9	18.8	17.5	16.0	14.5	12.8	11.2	9.59	8.05	6.58	5.04	3.77	2.75	2.00	1.61	1.56	
-60	45.9	44.3	42.1	39.2	36.0	32.5	29.0	25.3	21.6	18.1	14.8	11.7	9.02	6.55	4.29	2.69	1.71	1.56	
-50	93.0	88.5	82.1	74.6	66.5	58.5	50.6	42.9	35.8	29.2	23.3	18.1	13.5	9.61	6.24	3.57	1.93	1.56	
-40	199	185	167	145	122	102	83.9	67.9	54.3	42.8	33.2	25.1	18.4	12.7	8.22	4.45	2.13	1.56	
-30	456	410	349	287	228	177	135	103	77.7	58.7	44.0	32.3	23.1	15.7	9.95	5.29	2.34	1.56	
-20	1046	901	729	557	408	292	205	146	104	75.0	54.1	38.8	27.2	18.2	11.3	6.01	2.52	1.56	
-10	1968	1684	1303	929	630	419	278	187	127	88.0	61.8	43.3	30.0	19.9	12.2	6.50	2.64	1.56	
0	2539	2160	1645	1142	748	483	312	206	138	93.4	64.8	45.2	31.0	20.4	12.5	6.67	2.68	1.56	
10	2018	1686	1276	910	626	423	285	194	133	92.6	65.1	45.7	31.6	20.9	12.8	6.82	2.79	1.56	
20	1073	938	752	571	422	307	223	161	115	83.4	60.3	43.1	30.1	20.1	12.4	6.64	2.80	1.56	
30	484	442	384	318	254	200	156	120	91.9	69.5	51.9	38.1	27.1	18.3	11.6	6.19	2.74	1.56	
40	227	213	193	170	146	123	102	84.1	68.4	54.4	42.0	31.5	22.8	15.7	10.2	5.57	2.65	1.56	
50	113	109	102	94.3	85.2	75.3	65.6	56.2	47.5	39.4	31.8	24.4	18.1	12.9	8.36	4.87	2.53	1.56	
60	59.9	58.3	55.9	52.8	49.2	44.8	40.1	35.4	30.8	26.4	22.2	17.6	13.5	9.76	6.55	4.10	2.39	1.56	
70	30.5	29.9	29.0	27.7	26.2	24.4	22.4	20.2	18.1	16.0	14.0	11.8	9.21	6.99	5.06	3.49	2.33	1.56	
80	12.9	12.7	12.4	12.1	11.7	11.2	10.6	9.97	9.34	8.72	8.14	7.56	6.30	5.14	4.08	3.15	2.33	1.56	
90	6.19	6.18	6.17	6.16	6.16	6.15	6.14	6.14	6.13	6.13	6.12	6.12	5.36	4.60	3.84	3.08	2.32	1.56	
100	5.28	5.27	5.27	5.27	5.28	5.30	5.33	5.37	5.41	5.46	5.51	5.53	4.95	4.35	3.71	3.04	2.32	1.56	
110	5.05	5.05	5.04	5.03	5.02	5.01	5.01	5.02	5.04	5.08	5.14	5.05	4.60	4.11	3.57	2.97	2.31	1.56	
120	5.76	5.71	5.64	5.54	5.43	5.32	5.22	5.12	5.04	5.01	5.01	4.70	4.28	3.86	3.41	2.88	2.27	1.56	
130	7.51	7.39	7.20	6.95	6.65	6.36	6.05	5.74	5.46	5.23	4.88	4.40	4.00	3.61	3.23	2.77	2.22	1.56	
140	9.66	9.49	9.23	8.85	8.42	7.92	7.36	6.79	6.24	5.56	4.74	4.13	3.70	3.36	3.02	2.65	2.16	1.56	
150	11.2	11.1	10.8	10.5	10.0	9.45	8.75	7.99	6.64	5.42	4.49	3.83	3.38	3.08	2.80	2.49	2.08	1.56	
160	11.6	11.6	11.5	11.3	11.0	10.5	9.04	7.49	6.08	4.90	4.01	3.39	3.01	2.77	2.57	2.33	1.99	1.56	
170	10.9	11.1	11.3	10.7	9.67	8.52	7.27	6.02	4.89	3.95	3.26	2.82	2.57	2.43	2.31	2.16	1.90	1.56	
180	8.99	8.47	7.95	7.33	6.56	5.70	4.80	3.94	3.21	2.66	2.30	2.14	2.08	2.08	2.05	1.97	1.79	1.56	

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-07-03

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: