

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1864.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	74.1V x 72.6H
	At 50% of Imax	34.6V x 34.5H
	At 90% of Imax	11.7V x 13.2H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	778.8 lumens per klm.
	To 50% of Imax	372.7 lumens per klm.
	To 90% of Imax	61.2 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

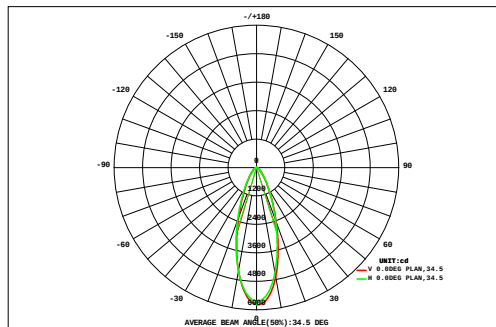
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-07-03

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 ALL-35D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:52.33lm/W	
MODEL		Imax(cd)	5777
NOMINAL POWER(W)	59.4	AVAILABILITY(%)	77.8
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	2411
NOMINAL FLUX(lm)	3098	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	3098
TEST VOLTAGE(V)	221.4	q @50%(H,V)	35,35DEG

		AREA FLUX DIAGRAM														UNIT:lm				F t	F a		
		0.16	0.27	0.43	0.62	0.83	1.05	1.24	1.37	1.44	1.44	1.36	1.22	1.04	0.83	0.61	0.43	0.26	0.13	14.7	0.00		
VERTICAL (DEG)	72	0.20	0.38	0.62	0.93	1.30	1.70	2.05	2.32	2.46	2.46	2.30	2.03	1.68	1.29	0.93	0.62	0.36	0.17	23.8	0.00		
	64	0.26	0.49	0.84	1.32	1.93	2.62	3.29	3.83	4.13	4.11	3.78	3.23	2.57	1.91	1.33	0.85	0.47	0.22	37.2	0.00		
	56	0.31	0.62	1.10	1.81	2.77	3.98	5.32	6.45	7.09	7.05	6.35	5.20	3.90	2.75	1.82	1.10	0.58	0.26	58.5	0.00		
	48	0.36	0.76	1.39	2.39	3.89	6.03	8.70	11.2	12.7	12.6	11.0	8.48	5.93	3.88	2.41	1.37	0.70	0.30	94.1	33.6		
	40	0.41	0.88	1.69	3.05	5.31	8.92	14.1	20.0	23.7	23.5	19.6	13.9	8.84	5.31	3.04	1.63	0.80	0.34	155	119		
	32	0.45	0.99	1.97	3.74	6.94	12.7	22.4	35.6	45.0	44.5	34.7	22.1	12.7	6.93	3.65	1.85	0.88	0.36	257	228		
	24	0.48	1.07	2.18	4.31	8.46	16.7	32.4	56.8	76.5	75.3	55.6	32.5	17.1	8.50	4.17	2.01	0.92	0.38	395	370		
	-24	0.49	1.11	2.28	4.63	9.34	19.3	40.0	72.7	101	99.6	74.0	42.4	20.6	9.52	4.42	2.06	0.93	0.38	505	481		
		0.48	1.09	2.23	4.52	9.15	19.0	39.5	71.4	97.8	101	75.8	43.1	20.6	9.44	4.34	2.02	0.91	0.37	503	479		
		0.45	1.00	2.03	4.02	7.94	15.8	31.2	53.7	73.0	74.5	56.5	33.5	17.1	8.23	3.94	1.88	0.86	0.35	386	361		
		0.41	0.89	1.74	3.29	6.17	11.5	20.5	32.6	43.3	43.9	33.9	21.8	12.2	6.45	3.29	1.65	0.78	0.33	245	216		
		-32	0.36	0.75	1.41	2.51	4.46	7.70	12.4	17.9	22.5	22.7	18.4	12.8	8.04	4.66	2.57	1.37	0.68	0.29	142	104	
		-40	0.30	0.61	1.09	1.85	3.11	4.94	7.24	9.71	11.5	11.6	9.83	7.37	5.07	3.22	1.93	1.09	0.56	0.25	81.3	20.1	
		-48	0.25	0.47	0.81	1.34	2.12	3.12	4.25	5.35	6.11	6.12	5.38	4.28	3.17	2.18	1.40	0.83	0.45	0.20	47.8	0.00	
		-56	0.19	0.35	0.58	0.94	1.41	1.96	2.53	3.02	3.34	3.34	3.03	2.53	1.97	1.44	0.98	0.61	0.33	0.16	28.7	0.00	
	-64	0.14	0.24	0.40	0.63	0.90	1.21	1.50	1.74	1.89	1.89	1.74	1.50	1.22	0.92	0.65	0.41	0.23	0.11	17.3	0.00		
-72	0.10	0.15	0.25	0.38	0.53	0.69	0.84	0.96	1.04	1.04	0.97	0.85	0.70	0.54	0.39	0.26	0.15	0.07	9.91	0.00			
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
F t	5.80	12.1	23.0	42.3	76.6	139	249	407	535	536	414	259	144	78.0	41.9	22.0	10.9	4.67	3001	---			
F a	0.00	0.00	0.00	0.00	16.7	95.1	211	370	499	501	378	220	101	18.5	0.00	0.00	0.00	0.00	---	2411			

one-half-peak spread: U:17.4,D:17.4 , L:17.3,R:17.5

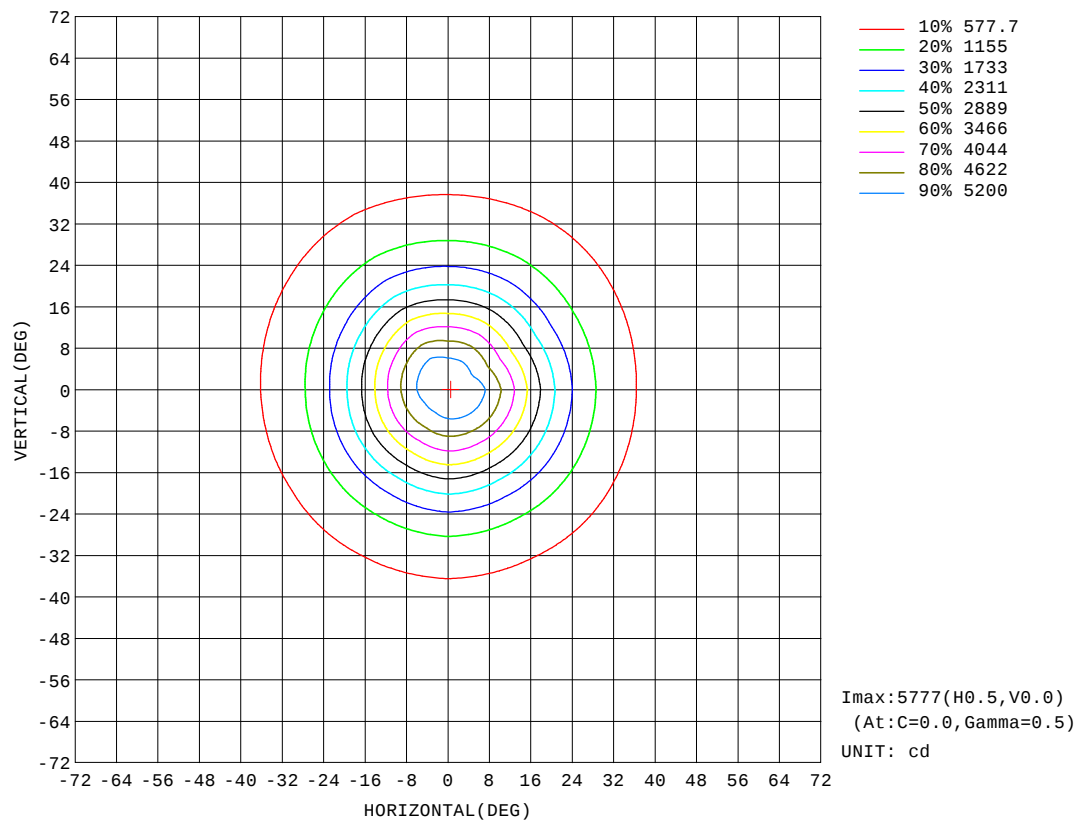
NEMA Beam Type: Type 5

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 ALL-35D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250
MFR.:	SUR.:	Shielding Angle:

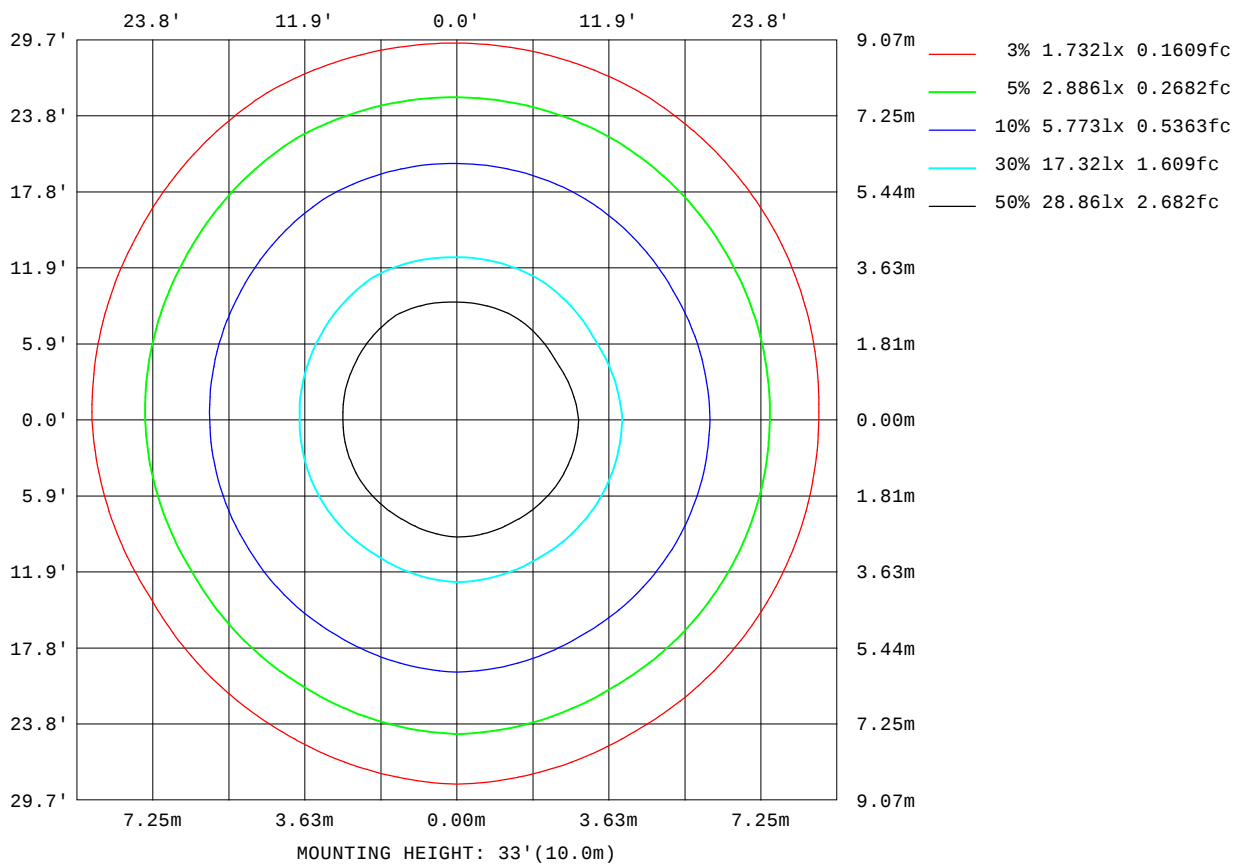


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H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-07-03

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

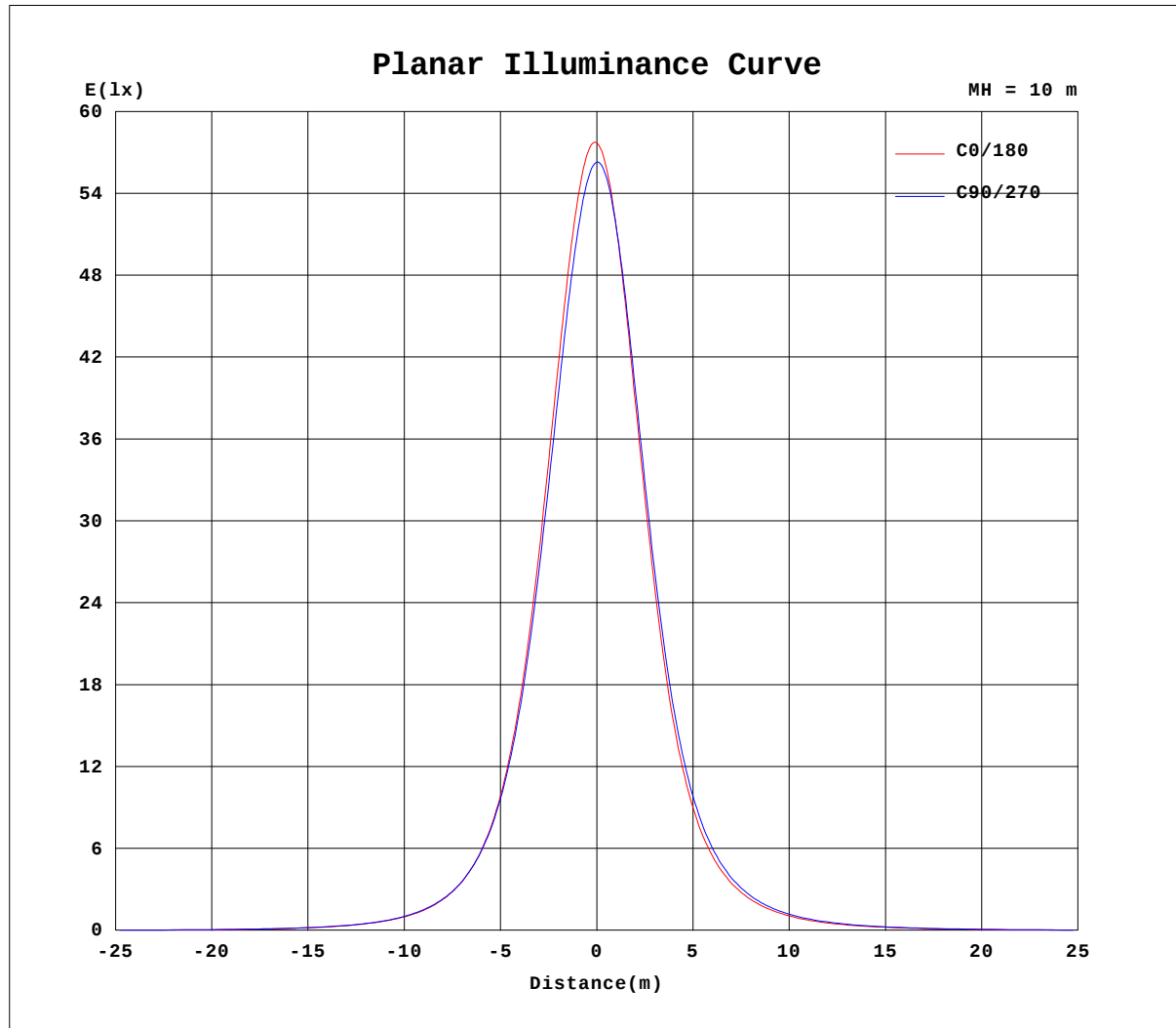
NAME:DecoBody-600mm-RGBW ALL-35D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250
MFR.:	SUR.:	Shielding Angle:



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

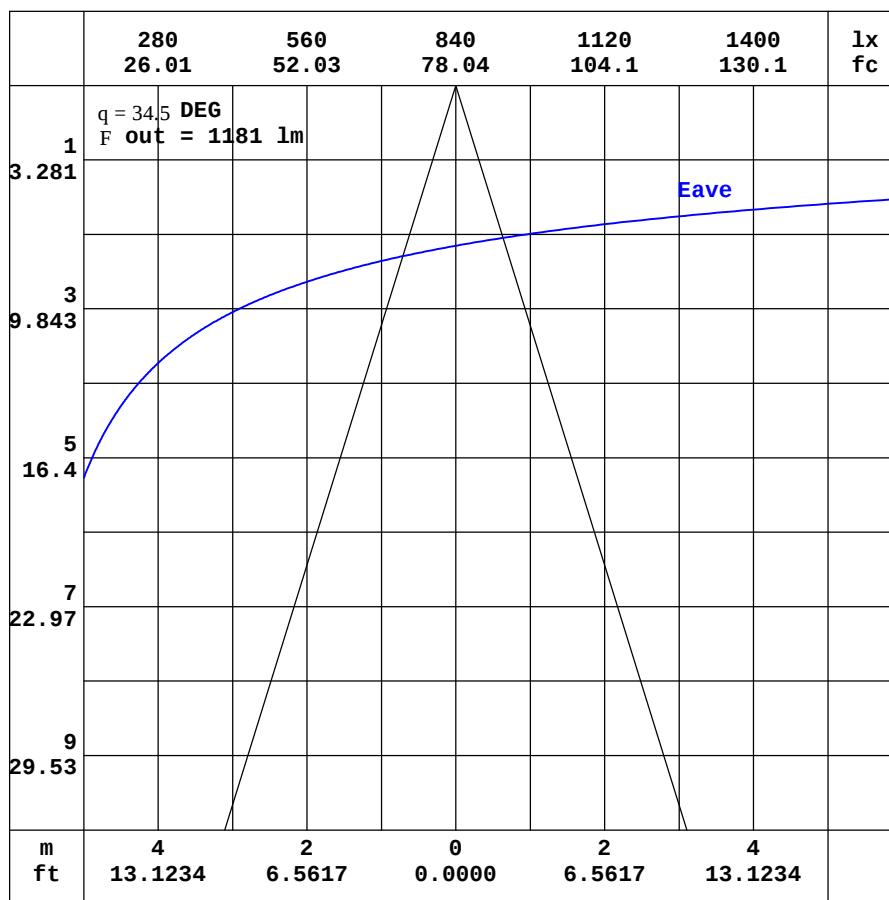


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-07-03

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 ALL-35D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250
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 ALL-35D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250
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	12.9	11.9	11.2	10.9	11.1	11.8	13.1	15.0	17.2	19.4	21.4	22.8	23.7	23.9	23.7	23.1	22.3	21.6	22.1
-170	12.9	11.7	10.8	10.3	10.3	10.6	11.4	12.5	13.8	15.1	16.2	17.0	17.4	17.5	17.3	17.5	18.7	19.6	20.2
-160	12.9	11.5	10.5	9.79	9.45	9.37	9.54	9.87	10.3	10.6	10.9	10.9	10.9	12.7	14.3	15.7	16.8	17.4	17.6
-150	12.9	11.4	10.2	9.31	8.71	8.26	7.92	7.60	7.23	6.72	6.35	7.46	8.71	10.0	11.3	12.4	13.1	13.6	13.7
-140	12.9	11.3	9.94	8.91	8.08	7.35	6.66	5.91	5.03	4.80	5.21	5.77	6.45	7.20	7.96	8.56	9.04	9.32	9.41
-130	12.9	11.2	9.76	8.59	7.59	6.68	5.78	4.84	4.44	4.46	4.55	4.71	4.93	5.20	5.47	5.73	5.92	6.05	6.09
-120	12.9	11.2	9.66	8.36	7.23	6.20	5.19	4.45	4.45	4.44	4.44	4.43	4.43	4.44	4.48	4.54	4.58	4.62	4.65
-110	12.9	11.2	9.64	8.24	6.97	5.81	4.72	4.42	4.46	4.47	4.47	4.48	4.48	4.49	4.50	4.50	4.51	4.52	4.52
-100	12.9	11.3	9.72	8.23	6.81	5.48	4.21	4.17	4.22	4.27	4.31	4.35	4.38	4.41	4.45	4.48	4.50	4.53	4.55
-90	12.9	11.4	9.90	8.38	6.86	5.33	3.81	3.81	3.82	3.83	3.83	3.84	3.84	3.84	3.84	3.83	3.83	3.83	3.82
-80	12.9	11.6	10.2	8.87	7.70	6.68	5.72	6.46	7.44	8.38	9.32	10.3	11.2	12.2	13.1	13.9	14.6	15.2	15.6
-70	12.9	11.9	11.1	11.0	11.6	12.3	13.4	16.0	19.2	22.4	25.7	29.0	32.3	35.5	38.5	41.1	43.2	44.7	45.7
-60	12.9	12.2	12.8	14.7	17.6	21.2	24.7	28.9	35.6	42.8	50.5	58.5	66.4	74.1	81.1	87.4	92.4	95.9	97.8
-50	12.9	12.8	15.0	19.3	25.1	31.6	38.6	46.2	56.7	70.1	85.2	102	119	138	156	172	185	195	200
-40	12.9	13.5	17.4	24.3	33.2	43.2	54.8	68.3	84.1	106	135	169	208	252	299	346	388	420	436
-30	12.9	14.2	19.9	29.2	41.1	55.1	72.4	93.8	121	156	203	271	357	461	582	714	845	951	1002
-20	12.9	14.8	22.0	33.7	48.2	66.3	89.5	120	160	216	299	411	571	802	1107	1467	1845	2178	2348
-10	12.9	15.4	23.6	37.1	53.7	75.5	104	142	195	273	388	559	820	1225	1828	2616	3441	4088	4435
0	12.9	15.7	24.6	39.1	57.1	81.0	112	155	214	304	435	632	942	1439	2211	3258	4418	5358	5773
10	12.9	15.7	24.3	38.5	56.1	79.2	110	150	207	290	410	588	858	1281	1881	2708	3631	4360	4493
20	12.9	15.4	23.4	36.3	52.6	73.3	100	135	182	246	337	462	636	881	1205	1604	2019	2278	2347
30	12.9	15.1	21.9	32.9	47.1	64.4	86.2	113	149	193	250	326	421	539	676	821	938	1018	1042
40	12.9	14.6	19.9	28.6	40.2	53.7	69.8	89.3	113	141	175	215	261	315	369	415	452	477	484
50	12.9	14.1	17.8	24.1	32.5	42.3	53.4	66.2	80.9	98.1	117	137	159	181	200	217	230	239	242
60	12.9	13.7	15.9	19.7	24.9	31.3	38.4	46.0	54.7	64.1	73.9	84.1	94.5	104	111	118	122	125	126
70	12.9	13.4	14.3	16.1	18.7	21.7	25.3	29.4	33.8	38.2	42.7	47.3	51.8	55.4	58.5	60.9	62.7	63.7	64.1
80	12.9	13.2	13.5	13.9	14.5	15.4	16.4	17.5	18.7	20.0	21.4	22.8	24.1	25.0	25.8	26.4	26.9	27.1	27.2
90	12.9	13.0	13.0	13.1	13.1	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.4	13.3	13.3	13.3	13.2	13.2	13.2
100	12.9	12.8	12.6	12.5	12.3	12.2	12.1	12.0	11.8	11.7	11.7	11.6	11.5	11.5	11.4	11.3	11.3	11.3	11.2
110	12.9	12.6	12.3	12.0	11.7	11.5	11.3	11.2	11.0	11.0	10.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.7
120	12.9	12.4	12.0	11.6	11.3	11.1	10.9	10.9	10.9	11.0	11.1	11.3	11.5	11.7	11.9	12.1	12.2	12.3	12.3
130	12.9	12.3	11.7	11.3	11.0	10.9	10.9	11.1	11.4	11.9	12.5	13.1	13.8	14.4	15.0	15.5	15.8	16.0	16.1
140	12.9	12.1	11.5	11.1	10.9	10.9	11.2	11.8	12.7	13.7	14.8	16.0	17.2	18.2	19.1	19.8	20.3	20.6	20.7
150	12.9	12.1	11.4	11.0	10.9	11.2	11.8	12.8	14.2	15.8	17.4	19.0	20.5	21.6	22.6	23.3	23.7	23.9	23.9
160	12.9	12.0	11.3	10.9	11.0	11.4	12.4	13.9	15.7	17.6	19.6	21.3	22.6	23.5	24.2	24.6	24.8	24.8	24.8
170	12.9	11.9	11.2	10.9	11.0	11.7	12.9	14.6	16.7	18.9	20.9	22.5	23.5	24.0	24.1	23.9	23.7	23.5	23.4
180	12.9	11.9	11.2	10.9	11.1	11.8	13.1	15.0	17.2	19.4	21.4	22.8	23.7	23.9	23.7	23.1	22.3	21.6	22.1

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 ALL-35D-Rev1	TYPE:RGBW W=3000K	WEIGHT:
SPEC.:35 DEG	DIM.:600mm	SERIAL No.:IES001250
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	19.5	18.4	17.3	16.0	14.3	12.4	10.5	8.63	7.03	5.83	5.07	4.71	4.64	4.64	4.61	4.45	4.07	3.56
-170	19.3	18.4	17.3	15.8	14.1	12.2	10.3	8.42	6.87	5.73	5.02	4.70	4.64	4.64	4.61	4.45	4.07	3.56
-160	17.2	16.6	15.5	14.2	12.6	10.8	9.10	7.55	6.29	5.40	4.88	4.66	4.64	4.64	4.61	4.43	4.06	3.56
-150	13.5	13.1	12.3	11.2	9.94	8.65	7.42	6.35	5.54	5.00	4.72	4.64	4.64	4.64	4.59	4.40	4.03	3.56
-140	9.31	9.02	8.55	7.95	7.20	6.47	5.81	5.28	4.92	4.71	4.64	4.63	4.64	4.63	4.55	4.34	3.98	3.56
-130	6.06	5.94	5.77	5.53	5.28	5.03	4.82	4.69	4.63	4.62	4.63	4.63	4.64	4.61	4.48	4.25	3.92	3.56
-120	4.65	4.63	4.61	4.58	4.58	4.58	4.60	4.61	4.62	4.63	4.64	4.64	4.62	4.52	4.36	4.14	3.86	3.56
-110	4.54	4.57	4.59	4.61	4.64	4.65	4.65	4.65	4.64	4.64	4.62	4.58	4.48	4.35	4.19	3.99	3.78	3.56
-100	4.56	4.56	4.55	4.55	4.54	4.53	4.51	4.48	4.45	4.40	4.35	4.30	4.20	4.08	3.96	3.83	3.70	3.56
-90	3.83	3.85	3.86	3.87	3.88	3.89	3.89	3.88	3.88	3.87	3.86	3.86	3.81	3.76	3.71	3.66	3.61	3.56
-80	15.2	14.6	14.0	13.1	12.2	11.3	10.4	9.46	8.50	7.54	6.61	5.71	4.96	4.35	3.88	3.65	3.57	3.56
-70	44.8	43.4	41.4	39.0	36.2	33.0	29.8	26.4	22.9	19.5	16.4	13.4	10.4	7.85	5.77	4.34	3.60	3.56
-60	96.0	92.5	87.5	81.3	74.4	67.1	59.7	51.9	44.3	36.9	30.0	23.7	18.3	13.4	8.87	5.64	3.79	3.56
-50	195	186	172	156	139	121	104	88.2	73.2	59.5	47.3	36.6	27.3	19.5	12.8	7.45	4.21	3.56
-40	421	391	349	301	256	213	174	140	111	87.5	67.7	51.0	37.2	25.7	16.7	9.18	4.63	3.56
-30	960	860	733	601	479	371	283	211	160	120	89.6	65.7	46.8	31.7	20.1	10.9	5.02	3.56
-20	2215	1903	1536	1174	856	610	431	305	215	154	110	78.8	55.0	36.8	22.9	12.3	5.35	3.56
-10	4212	3605	2786	1976	1329	879	581	389	263	182	126	88.1	60.6	40.0	24.6	13.3	5.66	3.56
0	5515	4678	3545	2442	1583	1017	653	426	284	193	133	91.6	62.6	41.2	25.2	13.6	5.63	3.56
10	4255	3546	2672	1905	1315	885	595	403	277	192	134	93.1	64.0	42.2	25.9	14.0	5.86	3.56
20	2245	1962	1570	1194	879	638	463	333	240	174	124	88.3	61.4	40.9	25.4	13.7	5.93	3.56
30	1009	922	802	663	531	418	325	252	192	145	107	78.2	55.3	37.4	23.6	12.8	5.87	3.56
40	473	446	407	358	308	258	214	176	143	113	86.8	64.8	47.0	32.3	20.9	11.6	5.72	3.56
50	237	228	213	196	177	157	136	117	98.5	81.8	65.9	50.5	37.4	26.5	17.3	10.2	5.49	3.56
60	125	121	116	110	102	93.2	83.5	73.7	64.0	54.8	46.0	36.6	28.0	20.3	13.7	8.63	5.22	3.56
70	63.6	62.3	60.4	57.9	54.8	51.0	46.8	42.3	37.8	33.4	29.2	24.7	19.3	14.7	10.6	7.48	5.11	3.56
80	27.0	26.7	26.2	25.4	24.5	23.6	22.3	21.0	19.7	18.4	17.1	15.9	13.3	10.9	8.75	6.80	5.11	3.56
90	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.0	12.9	11.4	9.81	8.25	6.69	5.13	3.56
100	11.2	11.2	11.2	11.2	11.3	11.3	11.4	11.4	11.5	11.6	11.7	11.7	10.5	9.29	7.99	6.61	5.14	3.56
110	10.7	10.7	10.7	10.7	10.6	10.6	10.6	10.6	10.7	10.8	10.9	10.7	9.78	8.79	7.70	6.47	5.11	3.56
120	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.8	10.7	10.6	10.6	9.94	9.12	8.28	7.37	6.30	5.04	3.56
130	16.0	15.7	15.2	14.7	14.0	13.4	12.8	12.1	11.5	11.1	10.3	9.34	8.53	7.78	6.99	6.07	4.94	3.56
140	20.5	20.1	19.5	18.7	17.8	16.7	15.5	14.3	13.2	11.7	10.1	8.82	7.93	7.24	6.58	5.82	4.82	3.56
150	23.8	23.4	22.9	22.2	21.2	19.9	18.5	16.8	14.0	11.5	9.55	8.20	7.29	6.67	6.14	5.51	4.67	3.56
160	24.7	24.5	24.3	23.9	23.1	22.1	19.1	15.9	12.9	10.4	8.57	7.31	6.53	6.04	5.65	5.18	4.49	3.56
170	23.2	23.5	23.8	22.7	20.6	18.1	15.5	12.9	10.5	8.49	7.03	6.12	5.64	5.36	5.14	4.82	4.29	3.56
180	19.5	18.4	17.3	16.0	14.3	12.4	10.5	8.63	7.03	5.83	5.07	4.71	4.64	4.64	4.61	4.45	4.07	3.56

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: