

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

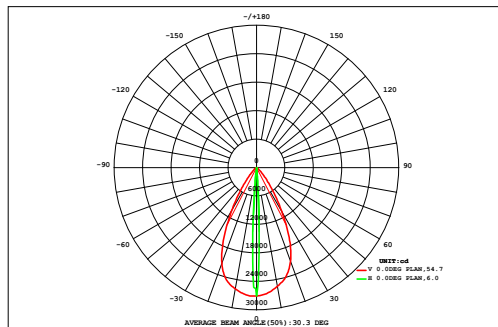
Maximum Intensity		5246.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	12.6V x 81.8H
	At 50% of Imax	6.0V x 54.7H
	At 90% of Imax	2.5V x 28.8H
Beam Flux	Total	1000.9 lumens per klm.
	To 10% of Imax	794.1 lumens per klm.
	To 50% of Imax	547.5 lumens per klm.
	To 90% of Imax	181.2 lumens per klm.
	Upward LOR	1.7 %
	Downward LOR	98.4 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-14

V(β) Range:-180 - 180DEG
V(β) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:DecoBody-600mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:600mm	SERIAL No.:IES001135
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:97.34lm/W	
MODEL		Imax(cd)	27121
NOMINAL POWER(W)	53.3	AVAILABILITY(%)	77.5
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	4004
NOMINAL FLUX(lm)	5169	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	5169
TEST VOLTAGE(V)	221.4	q @50%(H,V)	55,6DEG

72 64 56 48 40 32 24 -24 -32 -40 -48 -56 -64 -72 -72	AREA FLUX DIAGRAM																UNIT:lm			F t	F a
	0.17	0.26	0.37	0.48	0.58	0.66	0.73	0.78	0.80	0.80	0.79	0.74	0.66	0.58	0.47	0.36	0.25	0.14	9.61	0.00	
	0.22	0.37	0.52	0.71	0.88	1.02	1.15	1.23	1.25	1.24	1.23	1.15	1.02	0.88	0.70	0.51	0.34	0.18	14.6	0.00	
	0.29	0.51	0.72	0.99	1.26	1.49	1.68	1.79	1.78	1.78	1.79	1.68	1.49	1.26	0.99	0.71	0.46	0.24	20.9	0.00	
	0.38	0.70	0.98	1.32	1.75	2.15	2.40	2.58	2.62	2.63	2.60	2.42	2.16	1.76	1.33	0.95	0.62	0.31	29.7	0.00	
	0.49	0.93	1.40	1.77	2.40	3.00	3.26	3.53	3.69	3.68	3.50	3.28	3.03	2.41	1.78	1.32	0.81	0.39	40.7	0.00	
	0.60	1.22	2.09	3.05	3.42	4.37	4.87	5.14	5.45	5.44	5.10	4.81	4.37	3.44	3.00	1.91	1.04	0.47	59.8	0.00	
	0.71	1.55	3.14	6.64	10.8	8.07	7.65	8.22	7.87	7.84	8.22	7.72	8.13	11.0	6.65	2.86	1.30	0.55	109	0.00	
	0.81	1.91	4.57	13.2	34.6	56.4	37.4	16.7	14.6	15.1	18.1	37.5	56.9	35.6	13.4	4.22	1.58	0.63	363	167	
	0.90	2.24	6.08	21.4	69.7	164	248	225	203	222	226	244	165	71.4	21.9	5.67	1.83	0.68	1899	1809	
	0.89	2.21	6.02	21.2	69.5	163	248	229	224	242	230	244	164	71.1	21.8	5.61	1.80	0.67	1946	1867	
	0.78	1.84	4.41	12.8	34.0	55.2	36.0	17.0	16.1	16.7	18.9	36.3	55.7	34.9	13.1	4.05	1.50	0.60	360	161	
	0.66	1.44	2.89	6.12	9.80	6.57	5.75	6.41	6.72	6.73	6.54	5.85	6.61	10.1	6.12	2.60	1.18	0.51	92.6	0.00	
	0.54	1.07	1.78	2.44	2.42	3.08	3.25	3.18	3.28	3.29	3.18	3.22	3.08	2.46	2.38	1.59	0.89	0.42	41.6	0.00	
	0.42	0.77	1.07	1.19	1.59	1.99	2.08	2.16	2.22	2.21	2.13	2.04	1.98	1.58	1.18	0.98	0.64	0.32	26.6	0.00	
	0.31	0.53	0.65	0.83	1.10	1.35	1.48	1.55	1.54	1.53	1.52	1.45	1.33	1.09	0.83	0.62	0.45	0.24	18.4	0.00	
	0.22	0.35	0.43	0.59	0.73	0.84	0.95	1.00	0.96	0.95	0.99	0.94	0.84	0.73	0.58	0.42	0.30	0.17	12.0	0.00	
	0.15	0.21	0.28	0.39	0.48	0.53	0.60	0.64	0.65	0.65	0.64	0.59	0.52	0.47	0.38	0.27	0.19	0.11	7.74	0.00	
	0.10	0.12	0.17	0.23	0.28	0.32	0.36	0.40	0.42	0.42	0.40	0.36	0.30	0.27	0.22	0.17	0.11	0.07	4.73	0.00	
	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
F t	8.65	18.2	37.6	95.4	245	474	606	526	497	535	532	598	477	251	96.7	34.8	15.3	6.70	5056	---	
F a	0.00	0.00	0.00	1.29	156	415	548	444	414	453	450	540	418	163	2.61	0.00	0.00	0.00	---	4004	

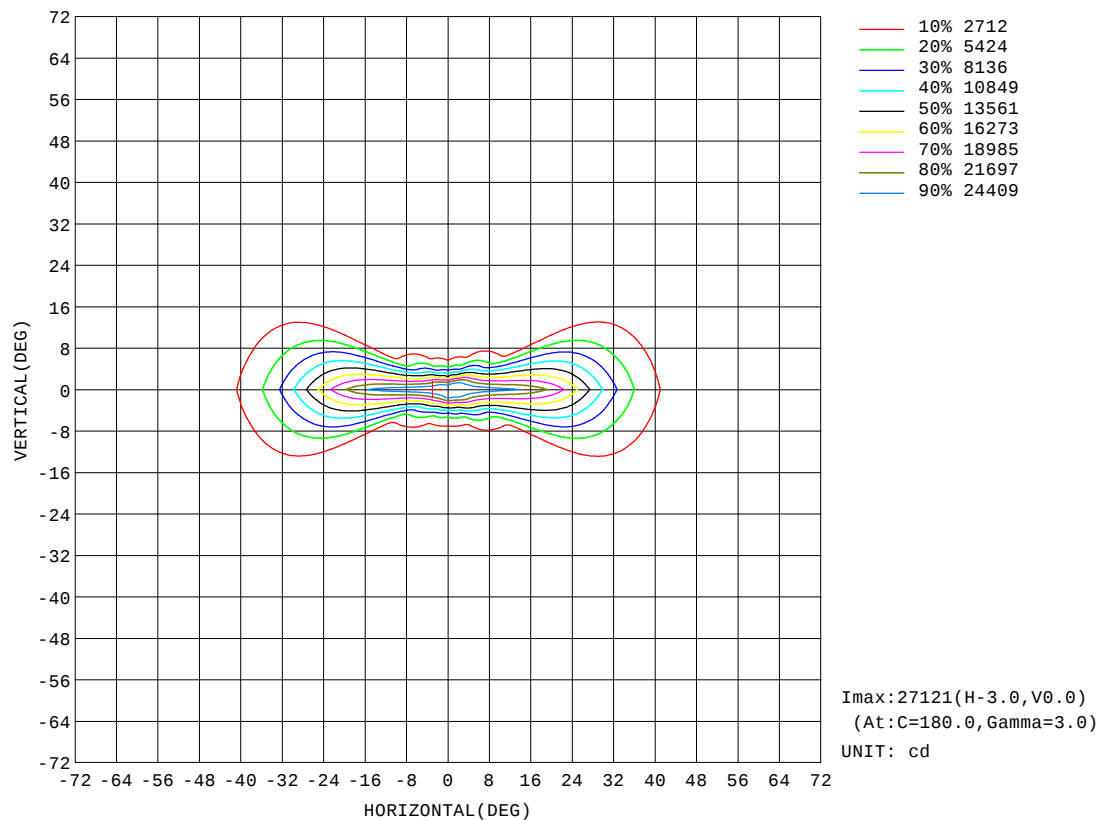
one-half-peak spread: U:3.5,D:2.5 , L:24.4,R:24.4 Beam Type: Type 5 x 1 (H x V)

H(B) Range:-90 - 90DEG
H(B) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-14

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME:DecoHody-600mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:600mm	SERIAL No.:IES001135
MFR.:	SUR.:	Shielding Angle:

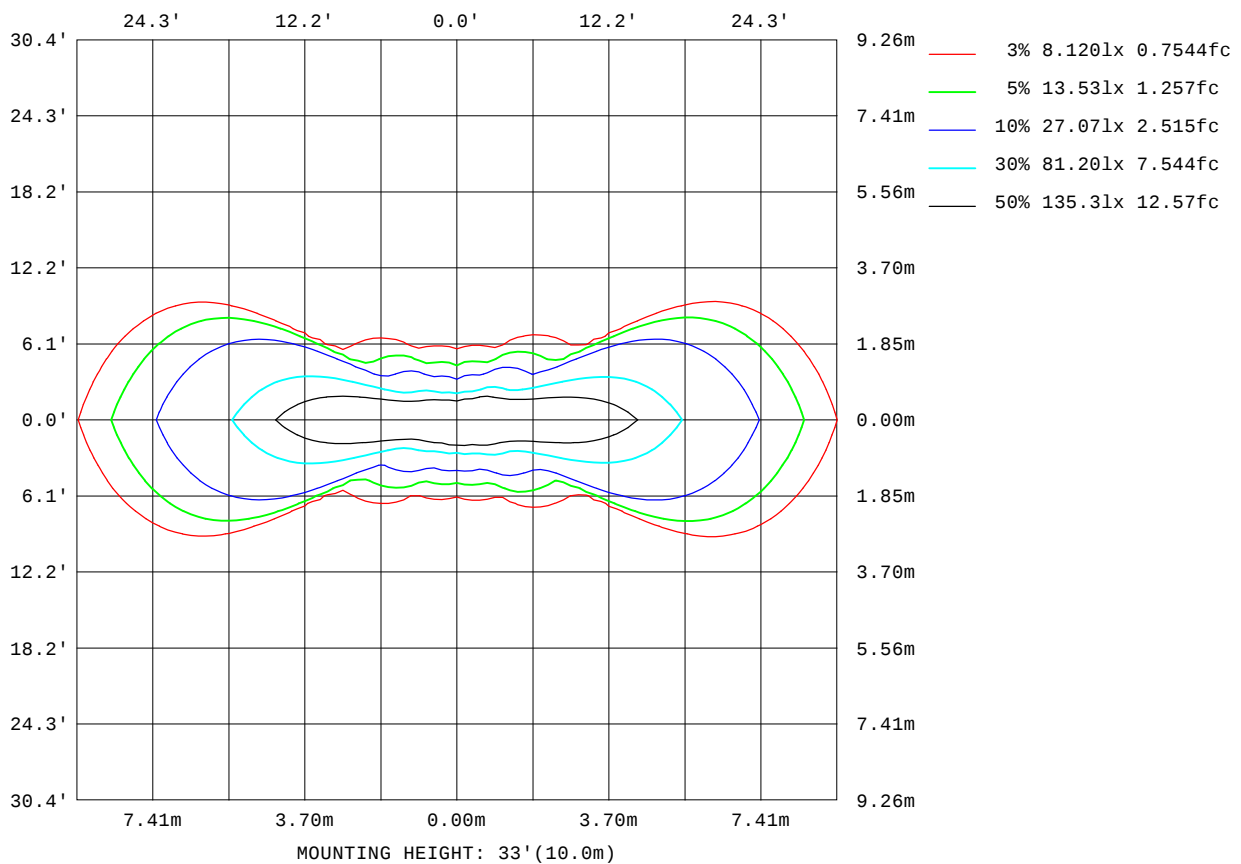


H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-14

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

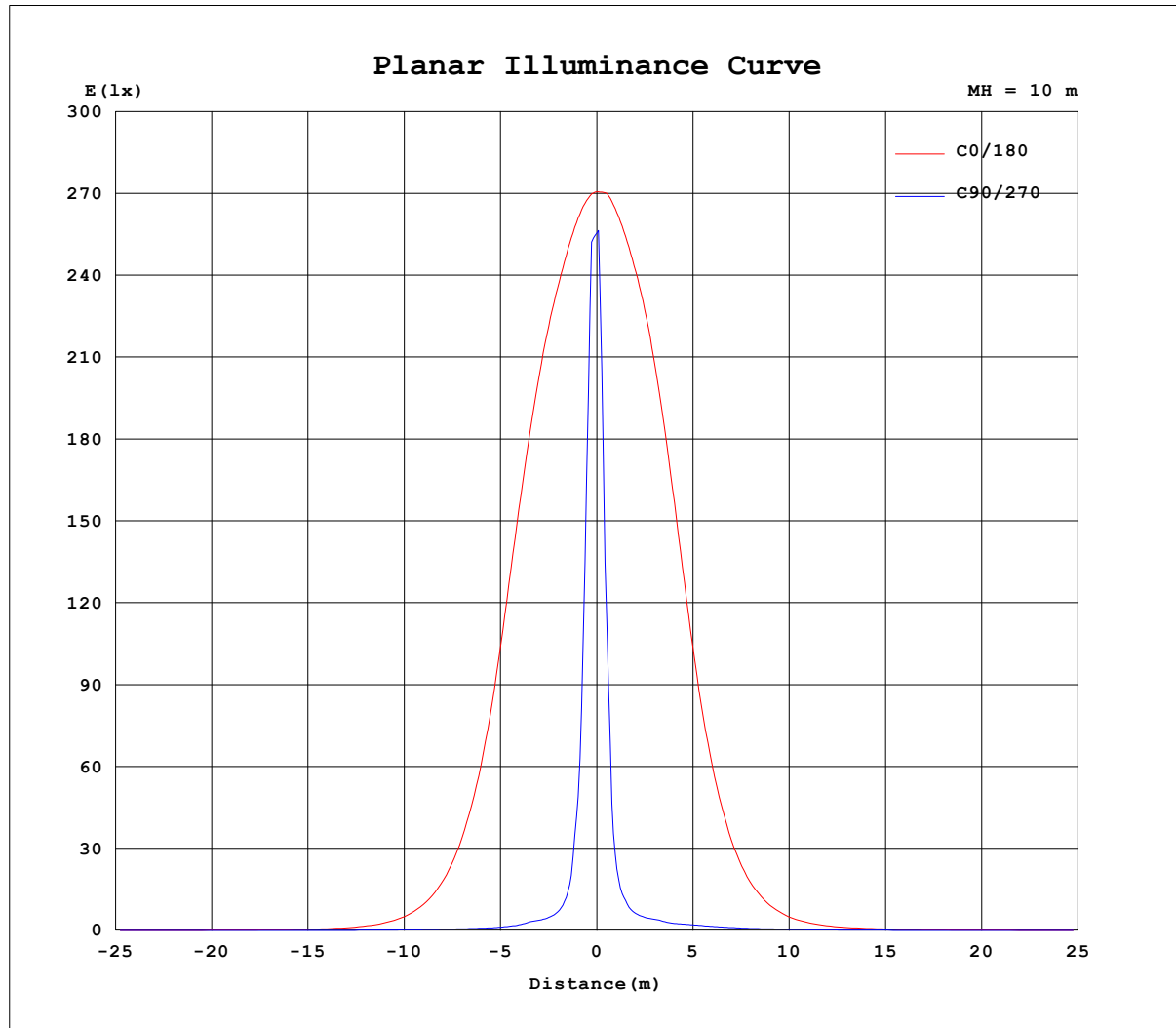
NAME:DecoBody-600mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:600mm	SERIAL No.:IES001135
MFR.:	SUR.:	Shielding Angle:



H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-14

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

Planar Illuminance Curve

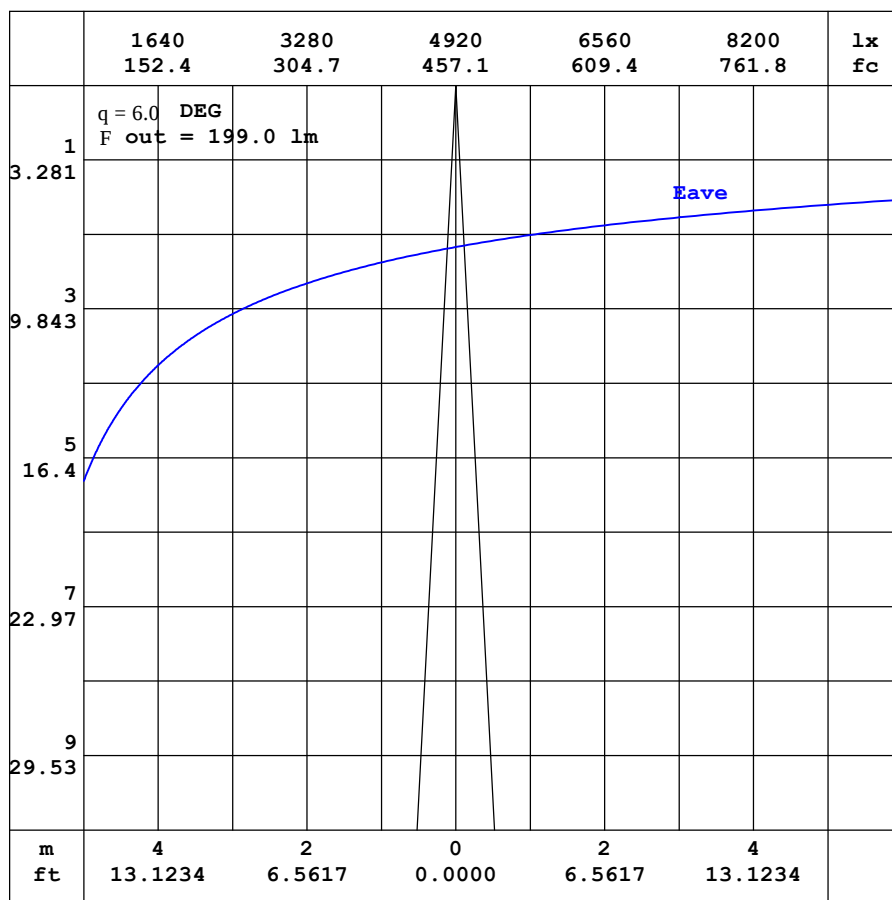


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-06-14

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

AAI CURVES

NAME:DecoBody-600mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:600mm	SERIAL No.:IES001135
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:2023-06-14

$V(B)$ Range:-180 - 180DEG
 $V(B)$ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:8.630m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:DecoBody-600mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:600mm	SERIAL No.:IES001135
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: ×10cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	1.64	1.48	1.38	1.36	1.41	1.53	1.70	1.91	2.12	2.29	2.40	2.46	2.46	2.41	2.32	2.20	2.08	1.97	1.52
-170	1.64	1.45	1.34	1.29	1.31	1.38	1.49	1.61	1.73	1.83	1.90	1.97	2.04	2.13	2.24	2.38	2.58	2.80	3.08
-160	1.64	1.43	1.30	1.23	1.21	1.23	1.26	1.30	1.33	1.34	1.35	1.38	1.45	1.68	1.92	2.17	2.43	2.60	2.68
-150	1.64	1.42	1.26	1.17	1.12	1.09	1.06	1.02	0.97	0.90	0.84	0.92	1.03	1.16	1.31	1.46	1.64	1.77	1.84
-140	1.64	1.41	1.24	1.12	1.04	0.97	0.91	0.82	0.71	0.64	0.62	0.61	0.62	0.65	0.69	0.77	0.85	0.90	0.91
-130	1.64	1.40	1.22	1.08	0.97	0.88	0.79	0.69	0.63	0.59	0.53	0.46	0.39	0.32	0.31	0.31	0.31	0.30	0.27
-120	1.64	1.40	1.21	1.06	0.93	0.81	0.71	0.63	0.63	0.62	0.58	0.54	0.48	0.42	0.36	0.31	0.27	0.24	0.21
-110	1.64	1.41	1.22	1.05	0.90	0.76	0.64	0.62	0.63	0.64	0.64	0.64	0.63	0.63	0.63	0.64	0.66	0.67	0.69
-100	1.64	1.43	1.23	1.05	0.88	0.72	0.58	0.59	0.61	0.63	0.65	0.67	0.68	0.69	0.69	0.70	0.70	0.70	0.71
-90	1.64	1.45	1.27	1.08	0.89	0.70	0.51	0.52	0.53	0.54	0.55	0.57	0.58	0.59	0.61	0.62	0.64	0.65	0.67
-80	1.64	1.49	1.32	1.14	0.96	0.77	0.57	0.58	0.61	0.63	0.65	0.66	0.66	0.67	0.67	0.67	0.66	0.65	0.63
-70	1.64	1.53	1.41	1.33	1.27	1.20	1.07	1.13	1.27	1.38	1.47	1.53	1.54	1.61	1.70	1.78	1.83	1.86	1.87
-60	1.64	1.58	1.58	1.72	1.95	2.16	2.18	2.12	2.44	2.72	2.92	3.04	3.07	3.10	3.25	3.34	3.38	3.36	3.30
-50	1.64	1.64	1.84	2.34	3.02	3.65	3.99	3.88	4.01	4.49	4.88	5.17	5.39	5.59	5.86	5.94	5.81	5.50	5.07
-40	1.64	1.72	2.17	3.14	4.42	5.65	6.60	7.05	6.67	6.76	7.67	8.59	9.33	9.70	9.48	9.67	9.85	9.89	9.73
-30	1.64	1.81	2.55	4.05	6.02	8.12	10.1	12.0	13.6	14.0	11.4	13.4	15.4	16.4	15.6	13.9	14.6	14.7	13.9
-20	1.64	1.89	2.91	4.97	7.70	10.9	14.5	19.4	26.8	38.8	54.9	60.5	26.6	29.1	31.1	32.1	34.1	35.3	34.1
-10	1.64	1.95	3.20	5.75	9.22	13.6	19.2	28.6	47.3	88.5	167	288	421	482	341	92.4	123	96.8	98.1
0	1.64	2.01	3.40	6.31	10.4	15.8	23.3	37.1	68.1	142	306	603	1058	1631	2147	2452	2598	2689	2707
10	1.64	1.99	3.29	5.91	9.49	14.0	19.9	29.5	48.7	90.5	170	292	426	489	348	92.0	112	84.2	81.4
20	1.64	1.96	3.08	5.27	8.20	11.6	15.6	21.1	29.1	42.3	59.8	67.1	35.1	38.7	41.7	42.9	43.0	40.8	36.5
30	1.64	1.91	2.79	4.48	6.70	9.15	11.6	14.1	16.5	18.0	16.8	19.6	22.2	23.8	23.9	23.1	24.6	25.6	25.4
40	1.64	1.86	2.47	3.65	5.22	6.83	8.28	9.36	9.75	10.5	11.8	13.3	14.4	15.1	15.0	15.6	15.9	15.9	15.6
50	1.64	1.80	2.19	2.91	3.87	4.87	5.66	6.13	6.67	7.45	8.17	8.77	9.27	9.69	10.1	10.3	10.4	10.2	9.77
60	1.64	1.75	1.96	2.32	2.81	3.33	3.74	4.04	4.52	4.94	5.31	5.61	5.84	6.03	6.28	6.43	6.47	6.42	6.29
70	1.64	1.71	1.80	1.95	2.13	2.32	2.48	2.66	2.87	3.05	3.19	3.30	3.35	3.45	3.51	3.53	3.51	3.45	3.36
80	1.64	1.67	1.71	1.74	1.78	1.82	1.86	1.88	1.91	1.93	1.95	1.96	1.96	1.99	2.02	2.05	2.07	2.08	2.09
90	1.64	1.64	1.63	1.63	1.63	1.62	1.62	1.61	1.60	1.59	1.59	1.58	1.57	1.57	1.56	1.55	1.54	1.54	1.53
100	1.64	1.61	1.57	1.53	1.50	1.47	1.43	1.38	1.33	1.28	1.23	1.20	1.16	1.15	1.14	1.14	1.13	1.13	1.13
110	1.64	1.57	1.51	1.45	1.39	1.33	1.27	1.22	1.19	1.17	1.15	1.13	1.10	1.09	1.09	1.09	1.09	1.09	1.10
120	1.64	1.55	1.46	1.38	1.31	1.26	1.24	1.24	1.24	1.23	1.21	1.18	1.14	1.11	1.11	1.10	1.08	1.06	1.02
130	1.64	1.52	1.42	1.34	1.29	1.28	1.30	1.35	1.39	1.41	1.44	1.48	1.53	1.59	1.61	1.60	1.59	1.57	1.51
140	1.64	1.50	1.40	1.32	1.30	1.33	1.40	1.49	1.61	1.72	1.83	1.96	2.12	2.28	2.44	2.72	2.94	3.11	3.25
150	1.64	1.49	1.38	1.32	1.33	1.40	1.50	1.65	1.82	2.00	2.21	2.41	2.63	2.85	3.05	3.21	3.32	3.39	3.44
160	1.64	1.48	1.37	1.33	1.37	1.46	1.60	1.78	1.98	2.20	2.43	2.69	2.97	3.19	3.34	3.44	3.52	3.60	3.65
170	1.64	1.48	1.37	1.35	1.39	1.50	1.67	1.87	2.09	2.29	2.49	2.67	2.86	3.06	3.25	3.37	3.41	3.53	3.77
180	1.64	1.48	1.38	1.36	1.41	1.53	1.70	1.91	2.12	2.29	2.40	2.46	2.46	2.41	2.32	2.20	2.08	1.97	1.52

H_b Range:-90 - 90DEGH_b Interval: 0.5DEG

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-06-14

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.630m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:DecoBody-600mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:600mm	SERIAL No.:IES001135
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: ×10cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.07	0.97	0.87	0.78	0.71	0.66	0.63	0.60	0.56	0.52
-170	3.13	2.84	2.65	2.31	1.93	1.63	1.40	1.21	1.07	0.94	0.84	0.76	0.70	0.66	0.63	0.60	0.56	0.52
-160	2.65	2.54	2.34	2.11	1.87	1.63	1.37	1.15	1.00	0.88	0.79	0.72	0.68	0.65	0.62	0.60	0.56	0.52
-150	1.84	1.78	1.67	1.52	1.36	1.21	1.07	0.98	0.88	0.80	0.73	0.69	0.66	0.64	0.62	0.59	0.56	0.52
-140	0.95	0.95	0.92	0.87	0.82	0.77	0.74	0.73	0.73	0.71	0.67	0.66	0.64	0.63	0.61	0.59	0.55	0.52
-130	0.33	0.37	0.41	0.43	0.47	0.52	0.56	0.59	0.62	0.64	0.64	0.64	0.63	0.62	0.61	0.58	0.55	0.52
-120	0.26	0.30	0.35	0.40	0.45	0.51	0.56	0.60	0.62	0.64	0.64	0.63	0.62	0.61	0.60	0.57	0.54	0.52
-110	0.68	0.67	0.66	0.66	0.66	0.67	0.68	0.68	0.67	0.66	0.64	0.62	0.61	0.60	0.58	0.56	0.54	0.52
-100	0.71	0.71	0.71	0.71	0.71	0.71	0.69	0.67	0.65	0.63	0.62	0.60	0.59	0.57	0.56	0.55	0.53	0.52
-90	0.65	0.63	0.62	0.60	0.58	0.57	0.57	0.56	0.56	0.56	0.56	0.56	0.55	0.54	0.54	0.53	0.52	0.52
-80	0.64	0.65	0.65	0.65	0.64	0.63	0.64	0.65	0.64	0.63	0.62	0.60	0.59	0.57	0.54	0.53	0.52	0.52
-70	1.85	1.81	1.74	1.65	1.55	1.47	1.47	1.43	1.35	1.25	1.13	1.03	0.94	0.80	0.67	0.58	0.53	0.52
-60	3.35	3.35	3.30	3.19	3.03	3.00	2.97	2.85	2.65	2.39	2.09	1.95	1.72	1.36	0.97	0.68	0.54	0.52
-50	5.47	5.75	5.87	5.80	5.57	5.38	5.13	4.83	4.43	3.93	3.64	3.44	2.91	2.21	1.47	0.87	0.57	0.52
-40	9.82	9.70	9.45	9.20	9.55	9.23	8.52	7.64	6.73	6.40	6.25	5.54	4.50	3.29	2.11	1.11	0.61	0.52
-30	14.7	14.6	13.7	15.3	16.3	15.5	13.6	11.4	13.5	12.3	10.3	8.32	6.41	4.53	2.78	1.39	0.64	0.52
-20	35.2	34.5	33.0	31.5	29.2	26.4	62.0	56.2	38.5	24.6	16.6	11.9	8.50	5.77	3.44	1.64	0.68	0.52
-10	102	141	103	341	484	425	295	172	89.8	44.8	24.7	15.7	10.5	6.89	3.98	1.85	0.71	0.52
0	2656	2541	2388	2102	1629	1071	618	315	145	64.9	32.1	18.8	12.1	7.69	4.33	1.96	0.72	0.52
10	85.6	125	99.7	346	491	430	299	175	91.8	46.2	25.7	16.3	11.0	7.15	4.13	1.93	0.74	0.52
20	40.4	42.7	43.1	42.2	38.9	35.1	68.4	60.9	42.0	27.1	18.3	13.0	9.29	6.26	3.72	1.80	0.75	0.52
30	25.5	24.3	22.4	23.4	23.8	22.4	19.8	16.9	17.7	15.4	12.5	9.86	7.44	5.19	3.18	1.61	0.75	0.52
40	15.9	16.0	15.7	15.3	15.2	14.5	13.4	11.9	10.6	9.61	8.62	7.22	5.66	4.05	2.59	1.39	0.74	0.52
50	10.2	10.4	10.3	10.1	9.70	9.28	8.80	8.21	7.48	6.65	5.89	5.09	4.08	3.02	2.00	1.20	0.72	0.52
60	6.41	6.45	6.41	6.27	6.05	5.87	5.64	5.32	4.91	4.45	3.95	3.44	2.84	2.17	1.54	1.04	0.71	0.52
70	3.46	3.52	3.54	3.52	3.44	3.34	3.26	3.12	2.96	2.78	2.59	2.35	1.99	1.61	1.26	0.95	0.70	0.52
80	2.07	2.04	2.00	1.96	1.91	1.87	1.87	1.87	1.87	1.86	1.85	1.83	1.59	1.35	1.12	0.90	0.70	0.52
90	1.53	1.52	1.52	1.52	1.51	1.51	1.53	1.54	1.56	1.58	1.59	1.61	1.43	1.25	1.06	0.88	0.70	0.52
100	1.13	1.13	1.13	1.13	1.14	1.14	1.17	1.20	1.24	1.29	1.34	1.38	1.27	1.15	1.01	0.86	0.70	0.52
110	1.10	1.10	1.10	1.09	1.09	1.10	1.12	1.13	1.15	1.16	1.19	1.19	1.12	1.04	0.95	0.83	0.69	0.52
120	1.07	1.11	1.14	1.16	1.17	1.20	1.23	1.24	1.24	1.23	1.22	1.13	1.04	0.96	0.89	0.80	0.68	0.52
130	1.60	1.64	1.68	1.71	1.69	1.62	1.56	1.52	1.48	1.44	1.32	1.14	1.01	0.91	0.84	0.77	0.66	0.52
140	3.17	3.05	2.88	2.64	2.44	2.24	2.07	1.92	1.80	1.63	1.38	1.17	1.00	0.88	0.80	0.73	0.65	0.52
150	3.44	3.41	3.35	3.20	3.00	2.76	2.52	2.30	1.96	1.63	1.37	1.15	0.97	0.84	0.76	0.70	0.63	0.52
160	3.66	3.64	3.55	3.44	3.27	3.05	2.60	2.18	1.83	1.52	1.27	1.07	0.91	0.80	0.72	0.67	0.61	0.52
170	3.82	3.67	3.64	3.26	2.78	2.38	2.05	1.77	1.52	1.29	1.10	0.94	0.82	0.74	0.68	0.63	0.58	0.52
180	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.07	0.97	0.87	0.78	0.71	0.66	0.63	0.60	0.56	0.52

H_(b) Range:-90 - 90DEGH_(b) Interval: 0.5DEG

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-06-14

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.630m [K=1.0000]

Remarks: