

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	2791.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	55.9V x 58.3H
	At 50% of Imax	28.8V x 29.8H
	At 90% of Imax	11.4V x 11.5H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	762.4 lumens per klm.
	To 50% of Imax	407.3 lumens per klm.
	To 90% of Imax	80.5 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

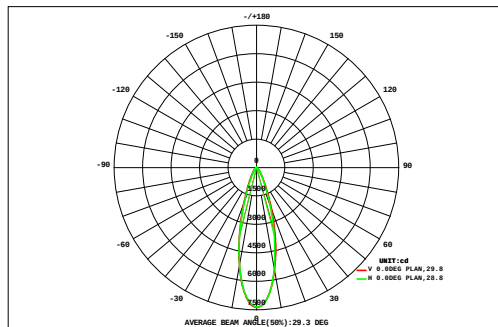
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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-3000K-30D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:30 DEG	DIM.:330mm	SERIAL No.:IES001484
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:82.00lm/W	
MODEL		Imax(cd)	7371
NOMINAL POWER(W)	32.3	AVAILABILITY(%)	76.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	2014
NOMINAL FLUX(lm)	2641	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	2641
TEST VOLTAGE(V)	221.4	q @50%(H,V)	30,29DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.45	0.57	0.71	0.87	1.05	1.24	1.42	1.57	1.67	1.69	1.62	1.48	1.31	1.12	0.93	0.76	0.60	0.47	19.5	0.00
45	0.45	0.57	0.71	0.87	1.05	1.24	1.42	1.57	1.67	1.69	1.62	1.48	1.31	1.12	0.93	0.76	0.60	0.47	19.5	0.00
40	0.53	0.69	0.89	1.13	1.42	1.74	2.08	2.36	2.53	2.55	2.43	2.19	1.87	1.54	1.23	0.96	0.74	0.56	27.4	0.00
35	0.61	0.82	1.12	1.51	2.01	2.56	3.14	3.64	3.95	3.99	3.75	3.31	2.75	2.17	1.65	1.23	0.90	0.65	39.8	0.00
30	0.71	1.00	1.44	2.06	2.85	3.80	4.88	5.89	6.54	6.61	6.06	5.12	4.05	3.06	2.23	1.57	1.10	0.75	59.7	22.3
25	0.82	1.22	1.85	2.76	3.98	5.66	7.85	10.1	11.6	11.7	10.4	8.26	6.02	4.24	2.95	2.00	1.32	0.86	93.6	68.5
20	0.94	1.47	2.31	3.54	5.38	8.38	12.8	17.7	20.8	20.9	18.1	13.5	9.01	5.80	3.77	2.44	1.54	0.96	149	129
15	1.05	1.71	2.75	4.36	7.07	12.0	19.8	28.4	33.6	33.5	28.7	20.7	13.1	7.78	4.68	2.87	1.74	1.05	225	207
10	1.15	1.91	3.11	5.11	8.87	15.9	26.8	38.9	46.3	45.9	38.6	28.0	17.7	10.1	5.61	3.23	1.90	1.12	300	285
5	1.20	2.02	3.33	5.61	10.1	18.7	31.4	44.9	53.6	52.8	44.9	33.4	21.4	11.9	6.28	3.44	1.97	1.14	348	333
0	1.18	1.99	3.28	5.55	10.1	18.8	31.5	44.7	52.6	52.7	45.1	33.2	21.2	11.8	6.21	3.39	1.93	1.12	346	331
-5	1.08	1.82	2.98	4.94	8.76	16.1	26.9	37.7	44.5	44.1	37.2	27.2	17.3	9.83	5.40	3.07	1.80	1.04	292	276
-10	0.95	1.57	2.55	4.07	6.78	11.7	18.8	26.3	31.6	31.3	25.8	19.0	12.3	7.36	4.34	2.63	1.58	0.93	210	192
-15	0.80	1.28	2.05	3.17	4.90	7.66	11.4	15.6	18.7	18.6	15.4	11.4	7.93	5.16	3.33	2.14	1.32	0.80	132	111
-20	0.66	1.00	1.56	2.38	3.46	4.91	6.69	8.55	9.81	9.77	8.44	6.60	4.96	3.56	2.48	1.66	1.05	0.67	78.2	51.8
-25	0.53	0.76	1.15	1.70	2.38	3.18	4.06	4.84	5.31	5.29	4.79	3.99	3.17	2.42	1.77	1.22	0.82	0.55	47.9	7.32
-30	0.42	0.59	0.84	1.18	1.60	2.04	2.53	2.94	3.17	3.16	2.93	2.51	2.03	1.62	1.23	0.89	0.63	0.45	30.8	0.00
-35	0.35	0.47	0.63	0.83	1.07	1.33	1.61	1.84	1.97	1.97	1.83	1.60	1.33	1.08	0.85	0.65	0.49	0.37	20.3	0.00
-40	0.29	0.38	0.48	0.60	0.73	0.88	1.03	1.16	1.23	1.23	1.16	1.03	0.88	0.73	0.61	0.49	0.39	0.30	13.6	0.00
-45	0.25	0.33	0.42	0.52	0.63	0.75	0.88	1.01	1.13	1.13	1.01	0.88	0.75	0.63	0.52	0.42	0.33	0.25	10.0	0.00
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)	10	15	20	25	30	35	40	45			
F t	13.7	21.3	33.0	51.4	82.5	137	215	297	349	348	297	222	148	91.2	55.5	34.6	21.8	13.8	2433	---
F a	0.00	0.00	0.00	15.4	56.7	114	195	278	331	329	278	202	127	65.8	21.8	0.00	0.00	0.00	---	2014

one-half-peak spread: U:14.2,D:14.9 , L:14.4,R:15.7

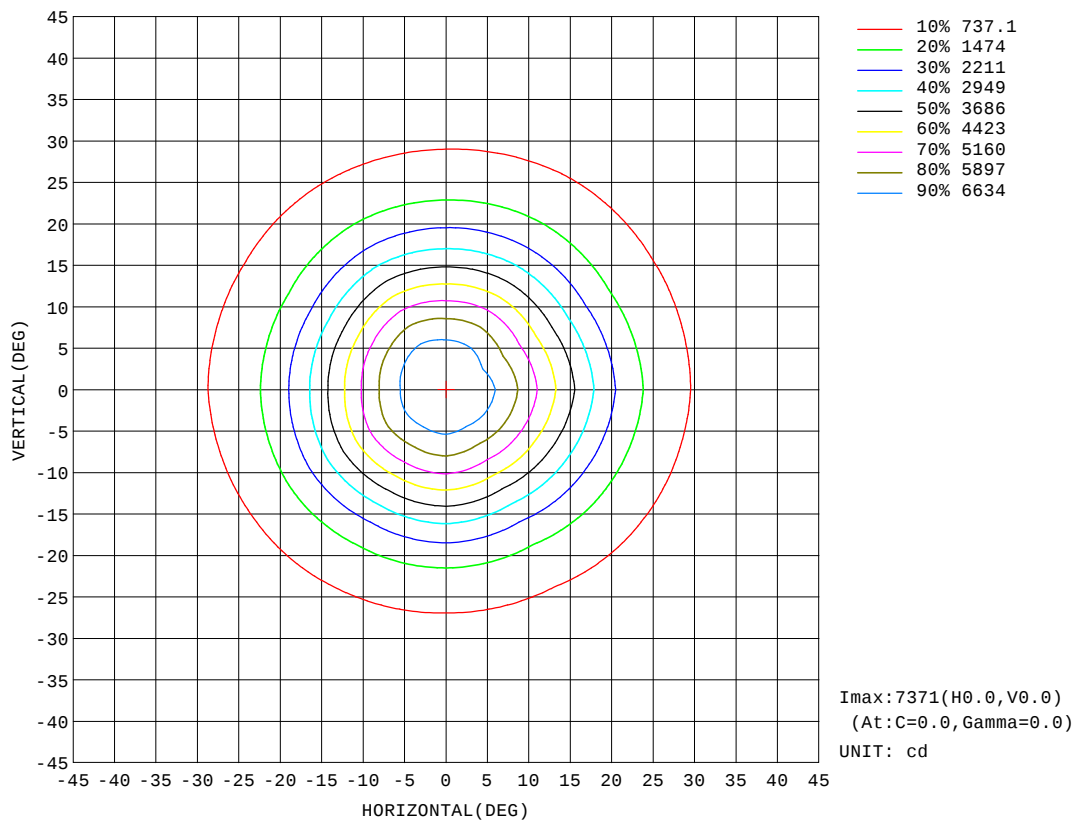
NEMA Beam Type: Type 4

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-3000K-30D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:30 DEG	DIM.:330mm	SERIAL No.:IES001484
MFR.:	SUR.:	Shielding Angle:

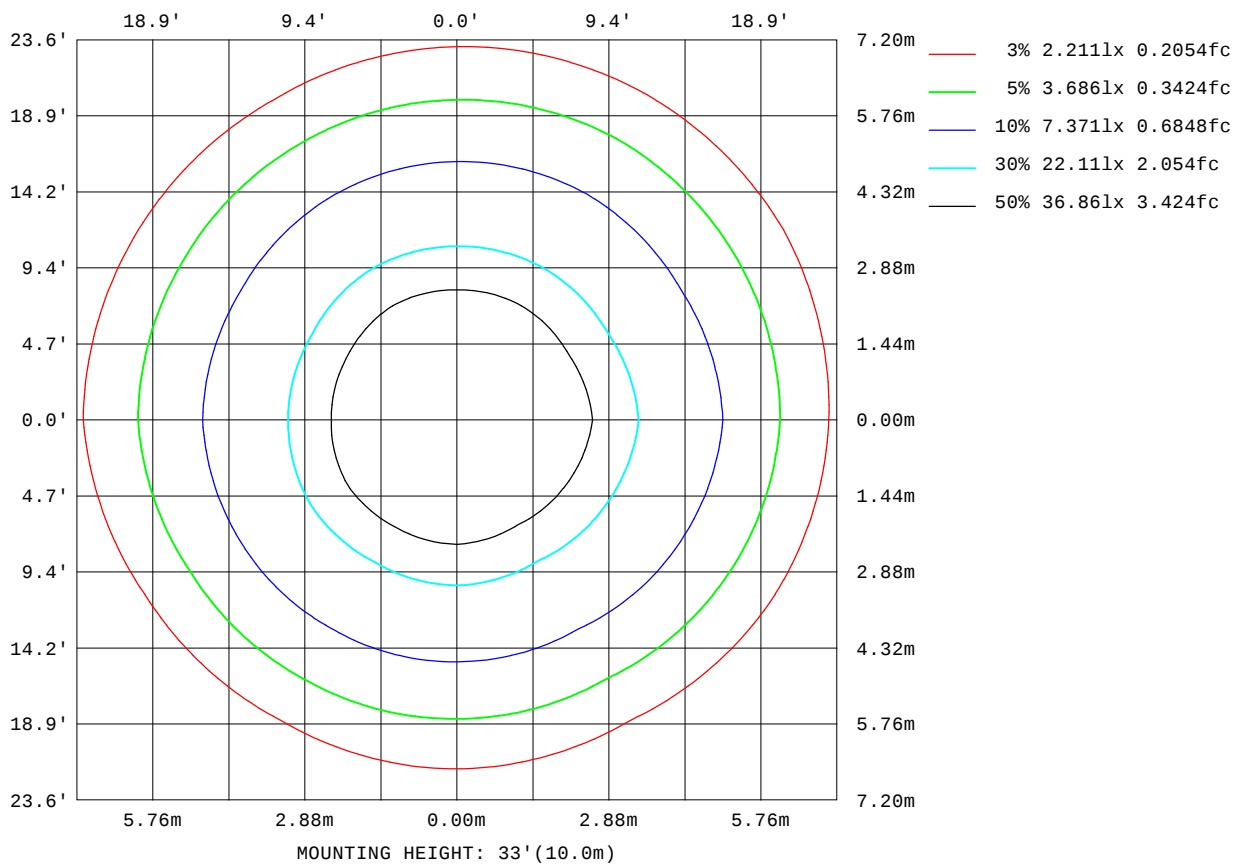


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

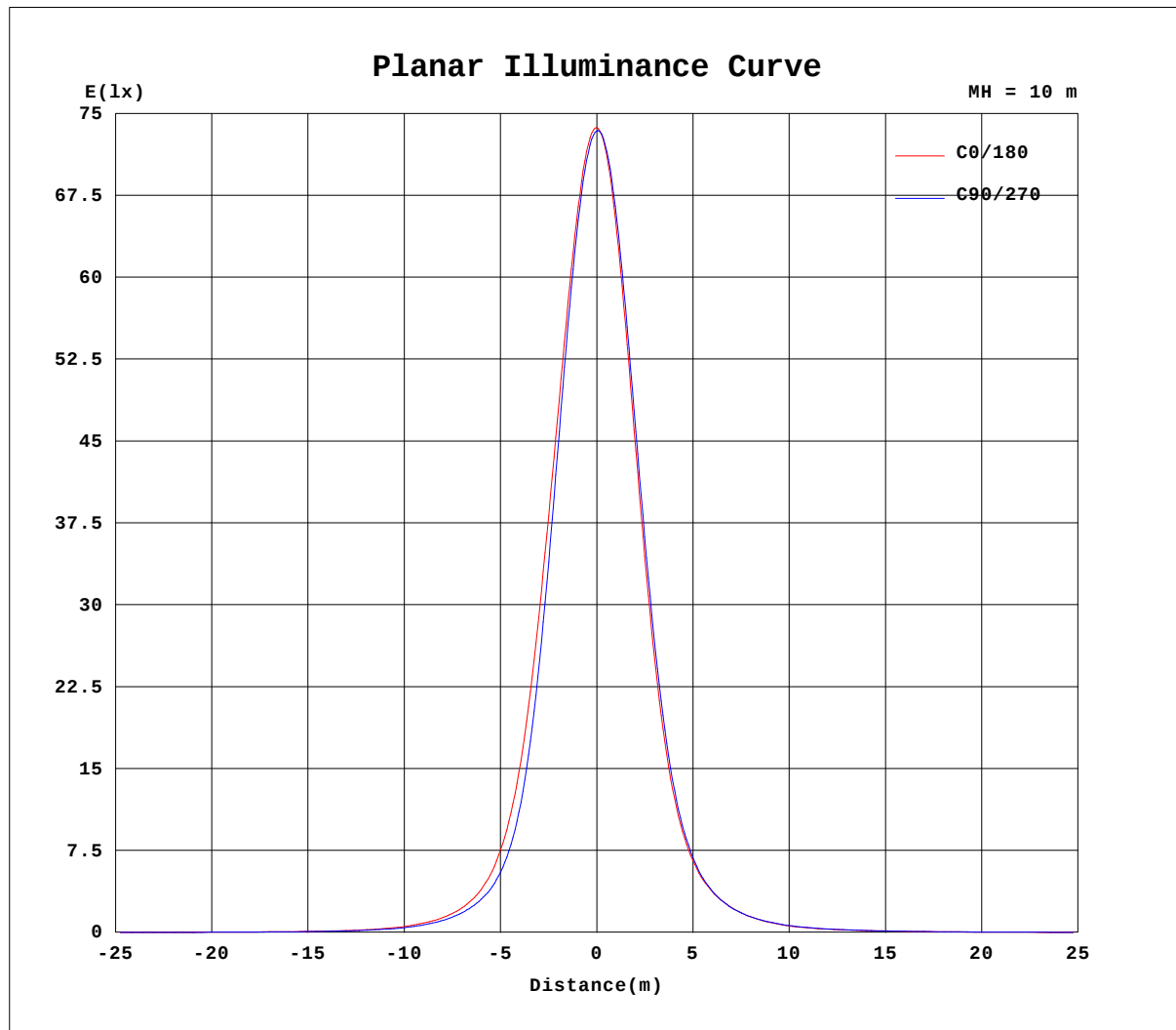
NAME:DecoBody-330mm-3000K-30D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:30 DEG	DIM.:330mm	SERIAL No.:IES001484
MFR.:	SUR.:	Shielding Angle:



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

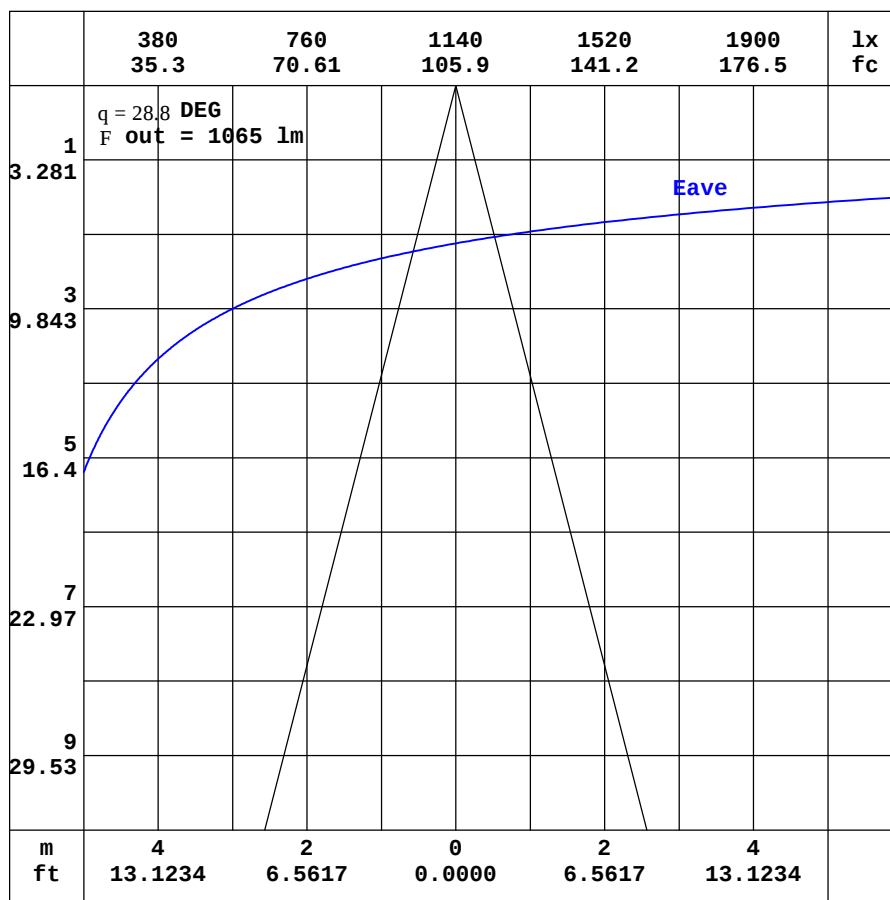


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-14

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-3000K-30D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:30 DEG	DIM.:330mm	SERIAL No.:IES001484
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-3000K-30D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:30 DEG	DIM.:330mm	SERIAL No.:IES001484
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	10.0	9.07	8.37	8.01	8.06	8.62	9.87	11.8	14.3	17.0	19.3	20.9	21.7	21.9	21.7	21.2	20.3	19.2	19.7
-170	10.0	8.94	8.15	7.70	7.58	7.83	8.54	9.71	11.2	12.8	14.2	15.2	15.7	15.9	15.7	15.9	16.9	17.5	17.8
-160	10.0	8.84	7.97	7.41	7.12	7.04	7.18	7.53	8.02	8.51	8.88	9.03	9.26	11.1	12.8	14.3	15.4	16.0	16.2
-150	10.0	8.76	7.82	7.18	6.72	6.38	6.08	5.79	5.43	4.95	4.56	5.58	6.81	8.16	9.48	10.7	11.5	12.0	12.2
-140	10.0	8.71	7.72	6.99	6.43	5.92	5.37	4.72	3.91	3.54	3.69	4.05	4.60	5.26	5.96	6.56	7.04	7.34	7.42
-130	10.0	8.69	7.65	6.86	6.21	5.63	5.03	4.32	3.86	3.67	3.54	3.49	3.53	3.65	3.79	3.95	4.08	4.16	4.17
-120	10.0	8.71	7.62	6.76	6.05	5.44	4.84	4.36	4.26	4.12	3.97	3.83	3.71	3.62	3.55	3.51	3.47	3.45	3.44
-110	10.0	8.76	7.65	6.71	5.91	5.22	4.59	4.44	4.46	4.46	4.43	4.40	4.34	4.30	4.26	4.23	4.21	4.20	4.21
-100	10.0	8.84	7.73	6.70	5.76	4.91	4.12	4.14	4.22	4.29	4.35	4.40	4.44	4.47	4.48	4.50	4.51	4.52	4.53
-90	10.0	8.95	7.87	6.78	5.70	4.61	3.53	3.55	3.57	3.60	3.62	3.64	3.66	3.65	3.64	3.63	3.61	3.60	3.59
-80	10.0	9.11	8.08	6.97	5.80	4.56	3.28	3.29	3.43	3.61	3.81	4.03	4.25	4.55	4.84	5.11	5.35	5.53	5.65
-70	10.0	9.29	8.45	7.55	6.79	6.12	5.65	6.33	7.66	9.18	10.8	12.4	14.0	15.6	16.9	18.1	19.0	19.6	19.9
-60	10.0	9.53	9.01	8.88	9.27	10.1	11.2	13.0	16.5	20.3	24.1	27.8	31.3	34.5	37.5	40.0	41.9	43.2	43.7
-50	10.0	9.84	9.93	11.0	13.1	16.0	19.4	23.0	28.1	34.6	41.3	47.9	54.5	61.0	67.6	73.8	79.1	82.9	84.5
-40	10.0	10.2	11.0	13.5	17.8	23.1	29.3	35.9	42.6	51.4	62.7	76.3	93.0	113	135	160	182	199	206
-30	10.0	10.5	12.3	16.4	22.7	30.7	40.0	50.3	61.5	74.8	94.4	129	179	241	311	387	463	515	532
-20	10.0	10.8	13.4	19.2	27.4	38.0	50.5	64.9	83.0	109	154	227	337	485	696	991	1335	1670	1818
-10	10.0	11.1	14.5	21.5	31.3	44.1	59.5	78.3	104	147	222	348	529	843	1446	2474	3726	4756	5223
0	10.0	11.4	15.2	23.0	33.9	48.2	65.7	87.7	120	173	269	416	652	1087	1961	3425	5236	6767	7371
10	10.0	11.4	15.1	22.6	33.2	47.1	64.1	85.0	114	160	239	370	562	875	1455	2483	3863	5064	5401
20	10.0	11.3	14.6	21.4	31.0	43.6	58.8	77.1	100	133	183	266	387	551	781	1127	1562	1930	2088
30	10.0	11.2	13.9	19.5	27.7	38.2	51.0	65.8	83.1	104	131	170	225	298	381	473	564	634	664
40	10.0	11.0	13.1	17.2	23.6	31.7	41.4	52.7	65.0	79.1	94.9	113	134	158	185	214	241	261	272
50	10.0	10.8	12.2	14.9	19.3	24.8	31.5	39.3	47.8	57.1	66.8	76.7	86.6	96.4	105	113	120	125	127
60	10.0	10.6	11.5	13.0	15.3	18.6	22.6	27.0	32.3	37.8	43.5	49.3	54.8	59.7	63.8	67.2	69.8	71.6	72.3
70	10.0	10.4	10.9	11.6	12.5	13.8	15.4	17.6	20.0	22.4	25.1	27.7	30.3	32.7	34.7	36.3	37.5	38.3	38.7
80	10.0	10.3	10.5	10.7	11.0	11.3	11.6	12.1	12.6	13.2	13.8	14.5	15.1	15.6	16.1	16.6	16.9	17.2	17.4
90	10.0	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.3	10.3	10.2	10.2	10.2	10.2	10.2	10.2
100	10.0	9.89	9.74	9.59	9.45	9.32	9.20	9.07	8.96	8.85	8.76	8.68	8.62	8.54	8.49	8.44	8.41	8.39	8.38
110	10.0	9.72	9.41	9.12	8.86	8.63	8.44	8.27	8.14	8.03	7.96	7.90	7.87	7.85	7.84	7.84	7.84	7.84	7.84
120	10.0	9.56	9.11	8.73	8.42	8.18	8.02	7.94	7.92	7.97	8.07	8.22	8.39	8.59	8.81	9.01	9.17	9.28	9.31
130	10.0	9.42	8.87	8.44	8.14	7.97	7.95	8.08	8.36	8.79	9.35	10.0	10.8	11.5	12.2	12.8	13.3	13.6	13.7
140	10.0	9.30	8.68	8.24	8.00	7.97	8.19	8.68	9.48	10.6	11.9	13.3	14.7	15.9	17.0	17.9	18.5	18.9	19.0
150	10.0	9.20	8.54	8.11	7.96	8.12	8.65	9.64	11.1	12.9	14.8	16.8	18.4	19.8	20.8	21.5	22.0	22.2	22.3
160	10.0	9.14	8.44	8.04	7.99	8.34	9.21	10.7	12.7	15.0	17.3	19.3	20.8	21.8	22.5	22.9	23.1	23.2	23.3
170	10.0	9.09	8.39	8.02	8.03	8.53	9.66	11.5	13.8	16.4	18.8	20.6	21.7	22.3	22.4	22.2	21.8	21.6	21.6
180	10.0	9.07	8.37	8.01	8.06	8.62	9.87	11.8	14.3	17.0	19.3	20.9	21.7	21.9	21.7	21.2	20.3	19.2	19.7

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-3000K-30D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:30 DEG	DIM.:330mm	SERIAL No.:IES001484
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	17.3	16.9	16.2	14.9	13.2	11.2	9.12	7.10	5.40	4.20	3.63	3.60	3.89	4.27	4.50	4.44	4.08	3.48	
-170	17.1	16.7	15.9	14.6	12.9	10.9	8.76	6.78	5.17	4.09	3.60	3.60	3.90	4.28	4.50	4.44	4.07	3.48	
-160	16.0	15.4	14.3	12.8	11.1	9.25	7.41	5.79	4.54	3.79	3.53	3.65	3.98	4.33	4.51	4.42	4.05	3.48	
-150	12.0	11.5	10.6	9.47	8.15	6.80	5.56	4.53	3.85	3.54	3.54	3.79	4.13	4.41	4.51	4.38	4.01	3.48	
-140	7.33	7.03	6.53	5.93	5.23	4.56	4.02	3.65	3.48	3.52	3.72	4.02	4.30	4.48	4.50	4.31	3.96	3.48	
-130	4.14	4.05	3.92	3.75	3.60	3.48	3.44	3.49	3.63	3.83	4.07	4.29	4.45	4.51	4.43	4.22	3.89	3.48	
-120	3.45	3.46	3.49	3.53	3.59	3.69	3.81	3.97	4.13	4.28	4.40	4.48	4.50	4.45	4.31	4.09	3.81	3.48	
-110	4.20	4.21	4.24	4.27	4.31	4.37	4.42	4.47	4.50	4.51	4.50	4.45	4.38	4.26	4.11	3.92	3.71	3.48	
-100	4.53	4.52	4.51	4.50	4.49	4.47	4.43	4.40	4.34	4.28	4.21	4.13	4.05	3.95	3.85	3.73	3.61	3.48	
-90	3.60	3.61	3.62	3.63	3.65	3.66	3.65	3.64	3.63	3.62	3.61	3.60	3.58	3.56	3.54	3.52	3.50	3.48	
-80	5.56	5.41	5.21	4.97	4.70	4.44	4.23	4.01	3.80	3.59	3.41	3.28	3.22	3.21	3.25	3.33	3.38	3.48	
-70	19.7	19.2	18.3	17.2	15.8	14.3	12.8	11.3	9.72	8.28	6.87	5.52	4.50	3.79	3.35	3.19	3.31	3.48	
-60	43.3	42.2	40.4	38.0	35.2	32.0	28.6	24.9	21.1	17.4	13.8	10.7	8.06	5.67	4.17	3.35	3.22	3.48	
-50	83.0	79.4	74.3	68.4	62.1	55.8	49.2	42.5	35.8	29.3	23.2	17.7	12.8	8.81	5.52	3.74	3.18	3.48	
-40	198	182	160	135	114	95.8	79.4	65.5	53.5	43.0	33.8	25.5	18.2	12.2	7.39	4.35	3.20	3.48	
-30	512	458	382	312	248	187	138	101	76.0	58.2	44.5	33.2	23.6	15.5	9.35	4.96	3.26	3.48	
-20	1656	1311	999	718	505	356	238	158	106	74.6	54.5	39.9	28.1	18.4	10.9	5.48	3.32	3.48	
-10	4665	3689	2549	1578	926	556	350	220	139	89.7	62.3	44.6	31.2	20.3	12.0	5.89	3.36	3.48	
0	6839	5492	3862	2335	1269	701	412	254	157	97.6	65.8	46.6	32.4	21.1	12.4	6.05	3.38	3.48	
10	5026	3945	2672	1627	970	593	375	240	154	100	69.5	49.4	34.3	22.3	13.2	6.51	3.61	3.48	
20	1960	1620	1196	837	586	413	284	194	133	93.3	67.4	48.7	33.9	22.1	13.2	6.67	3.79	3.48	
30	647	587	503	409	322	245	188	144	108	81.3	60.9	44.7	31.4	20.6	12.5	6.64	3.94	3.48	
40	267	250	227	199	171	144	120	100	83.0	66.7	51.4	38.1	27.1	18.2	11.1	6.42	4.06	3.48	
50	127	123	117	110	101	90.4	79.8	69.4	59.3	49.8	40.1	30.3	21.9	15.1	9.56	6.04	4.17	3.48	
60	72.0	70.7	68.5	65.3	61.4	56.4	50.9	45.1	39.3	33.7	28.4	22.4	16.7	11.8	8.29	5.78	4.31	3.48	
70	38.5	37.9	36.8	35.3	33.5	31.2	28.6	26.0	23.4	20.8	18.3	15.5	12.3	9.53	7.33	5.65	4.44	3.48	
80	17.3	17.1	16.8	16.4	15.9	15.4	14.8	14.1	13.4	12.8	12.2	11.6	9.91	8.36	6.95	5.68	4.51	3.48	
90	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.03	7.92	6.81	5.70	4.59	3.48	
100	8.38	8.40	8.43	8.46	8.51	8.57	8.63	8.70	8.78	8.88	8.98	9.04	8.31	7.51	6.64	5.68	4.63	3.48	
110	7.84	7.83	7.82	7.82	7.82	7.84	7.86	7.91	7.98	8.07	8.20	8.17	7.68	7.11	6.44	5.62	4.64	3.48	
120	9.28	9.17	9.00	8.79	8.56	8.36	8.17	8.01	7.89	7.84	7.86	7.55	7.15	6.73	6.21	5.53	4.63	3.48	
130	13.6	13.3	12.8	12.2	11.5	10.7	9.98	9.29	8.70	8.26	7.75	7.13	6.71	6.36	5.96	5.40	4.59	3.48	
140	18.9	18.5	17.8	16.9	15.9	14.6	13.2	11.8	10.5	9.04	7.63	6.77	6.29	5.99	5.70	5.24	4.52	3.48	
150	22.2	21.9	21.4	20.7	19.6	18.3	16.6	14.7	11.7	9.15	7.37	6.33	5.83	5.60	5.42	5.07	4.44	3.48	
160	23.2	23.0	22.8	22.3	21.7	20.6	17.5	14.1	11.0	8.43	6.65	5.66	5.26	5.18	5.12	4.88	4.33	3.48	
170	21.5	21.8	22.2	21.2	19.2	16.8	14.1	11.3	8.75	6.70	5.35	4.72	4.59	4.72	4.81	4.67	4.21	3.48	
180	17.3	16.9	16.2	14.9	13.2	11.2	9.12	7.10	5.40	4.20	3.63	3.60	3.89	4.27	4.50	4.44	4.08	3.48	

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: