

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

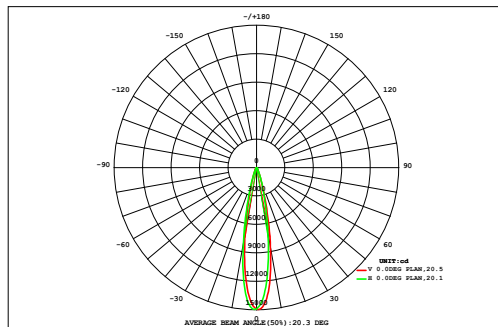
Maximum Intensity		5568.8 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	39.5V x 38.8H
	At 50% of Imax	20.1V x 20.5H
	At 90% of Imax	8.3V x 8.6H
Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	733.9 lumens per klm.
	To 50% of Imax	399.7 lumens per klm.
	To 90% of Imax	90.4 lumens per klm.
	Upward LOR	2.3 %
	Downward LOR	97.7 %
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:2023-08-14

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:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:DecoBody-330mm-3000K-20D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:330mm	SERIAL No.:IES001483
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:83.14lm/W	
MODEL		Imax(cd)	14958
NOMINAL POWER(W)	32.3	AVAILABILITY(%)	73.5
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1973
NOMINAL FLUX(lm)	2686	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	2686
TEST VOLTAGE(V)	221.4	q @50%(H,V)	21,20DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm			F t	F a
	0.54	0.65	0.78	0.93	1.11	1.31	1.50	1.66	1.77	1.77	1.69	1.55	1.37	1.19	1.00	0.83	0.69	0.57	20.9	0.00	
	0.63	0.78	0.97	1.21	1.51	1.85	2.20	2.50	2.69	2.69	2.52	2.23	1.91	1.59	1.29	1.03	0.83	0.67	29.1	0.00	
	0.73	0.94	1.22	1.60	2.10	2.71	3.34	3.87	4.20	4.20	3.87	3.34	2.74	2.16	1.68	1.29	1.00	0.78	41.8	8.55	
	0.85	1.14	1.55	2.13	2.95	4.01	5.18	6.19	6.80	6.78	6.15	5.13	4.01	3.01	2.21	1.62	1.19	0.90	61.8	40.2	
	0.99	1.37	1.93	2.80	4.09	5.93	8.16	10.0	11.1	11.0	9.93	8.06	5.93	4.17	2.91	2.02	1.43	1.03	92.9	75.6	
	1.15	1.63	2.38	3.55	5.57	8.63	12.4	15.9	17.7	17.7	15.7	12.3	8.66	5.72	3.73	2.51	1.71	1.18	138	123	
	1.30	1.90	2.86	4.47	7.33	11.9	17.7	23.2	26.1	26.1	23.1	17.6	11.9	7.65	4.82	3.08	2.01	1.33	194	181	
	1.42	2.12	3.27	5.33	9.10	15.1	22.7	29.9	34.0	34.0	30.0	23.0	16.0	10.2	6.06	3.63	2.29	1.46	250	237	
	1.50	2.27	3.53	5.87	10.2	17.2	25.9	33.9	38.8	39.0	35.3	28.6	20.1	12.4	7.07	4.03	2.47	1.54	289	278	
	1.48	2.26	3.57	6.01	10.5	17.8	27.0	35.3	39.9	40.3	37.2	30.2	21.1	12.9	7.27	4.10	2.48	1.53	301	290	
	1.37	2.10	3.35	5.68	9.93	16.8	25.3	32.3	36.5	36.8	33.4	26.9	18.7	11.4	6.56	3.78	2.32	1.44	275	263	
	1.21	1.85	2.92	4.85	8.33	13.5	19.6	25.2	29.1	29.4	25.9	20.6	14.5	9.12	5.40	3.26	2.04	1.28	218	205	
	1.01	1.53	2.36	3.78	6.08	9.35	13.3	17.2	20.0	20.2	17.6	13.9	9.98	6.60	4.16	2.64	1.70	1.09	153	138	
	0.82	1.20	1.81	2.76	4.16	6.06	8.30	10.7	12.3	12.4	11.0	8.74	6.50	4.54	3.07	2.05	1.36	0.90	98.6	82.2	
	0.64	0.92	1.34	1.95	2.79	3.82	5.07	6.34	7.24	7.32	6.55	5.38	4.16	3.08	2.20	1.53	1.05	0.72	62.1	41.5	
0.50	0.70	0.97	1.34	1.82	2.42	3.12	3.76	4.21	4.26	3.90	3.33	2.69	2.06	1.53	1.11	0.79	0.57	39.1	9.12		
0.41	0.53	0.70	0.91	1.18	1.52	1.91	2.27	2.50	2.54	2.37	2.07	1.71	1.36	1.05	0.80	0.60	0.46	24.9	0.00		
0.34	0.42	0.51	0.64	0.78	0.98	1.19	1.38	1.51	1.53	1.44	1.29	1.10	0.90	0.73	0.58	0.46	0.37	16.2	0.00		
-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27		
F t	16.9	24.3	36.0	55.8	89.5	141	204	262	296	298	268	214	153	100	62.7	39.9	26.4	17.8	2305	---	
F a	0.00	0.00	4.07	33.4	72.5	126	190	249	285	287	255	201	138	82.3	40.8	9.66	0.00	0.00	---	1973	

one-half-peak spread: U:9.6,D:10.6 , L:10.1,R:10.5

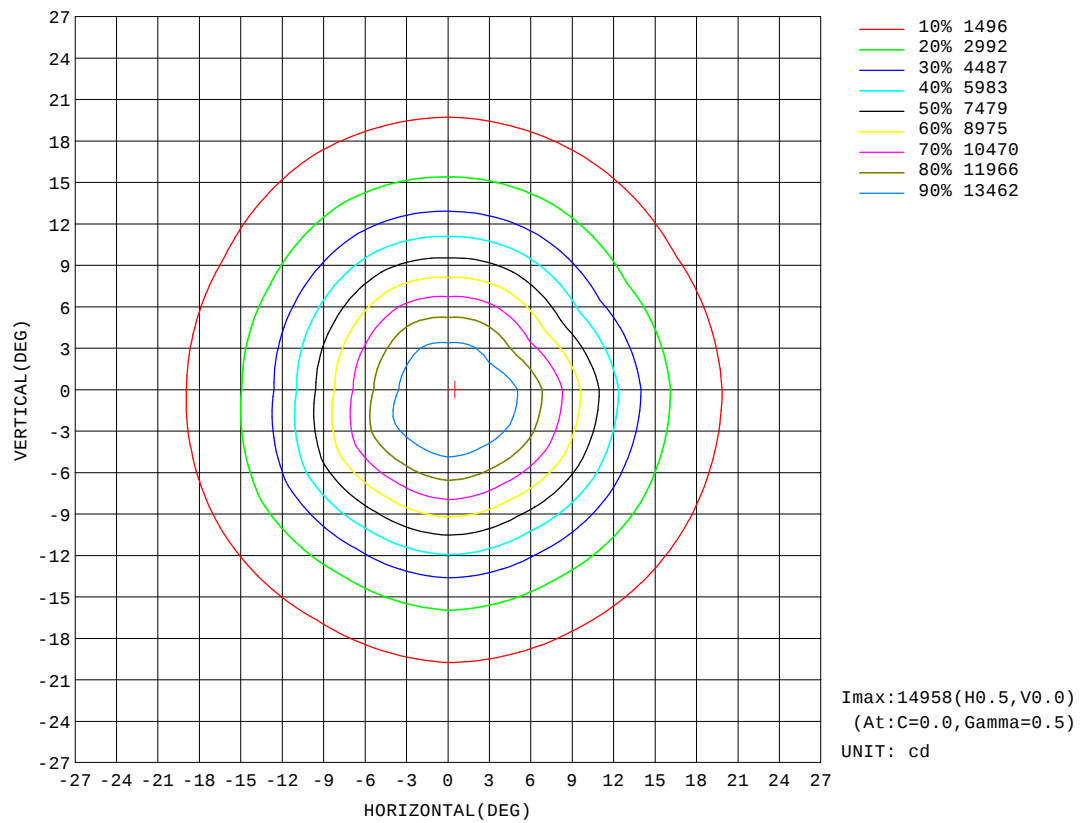
NEMA Beam Type: Type 3

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 GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME:DecoHody-330mm-3000K-20D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:330mm	SERIAL No.:IES001483
MFR.:	SUR.:	Shielding Angle:

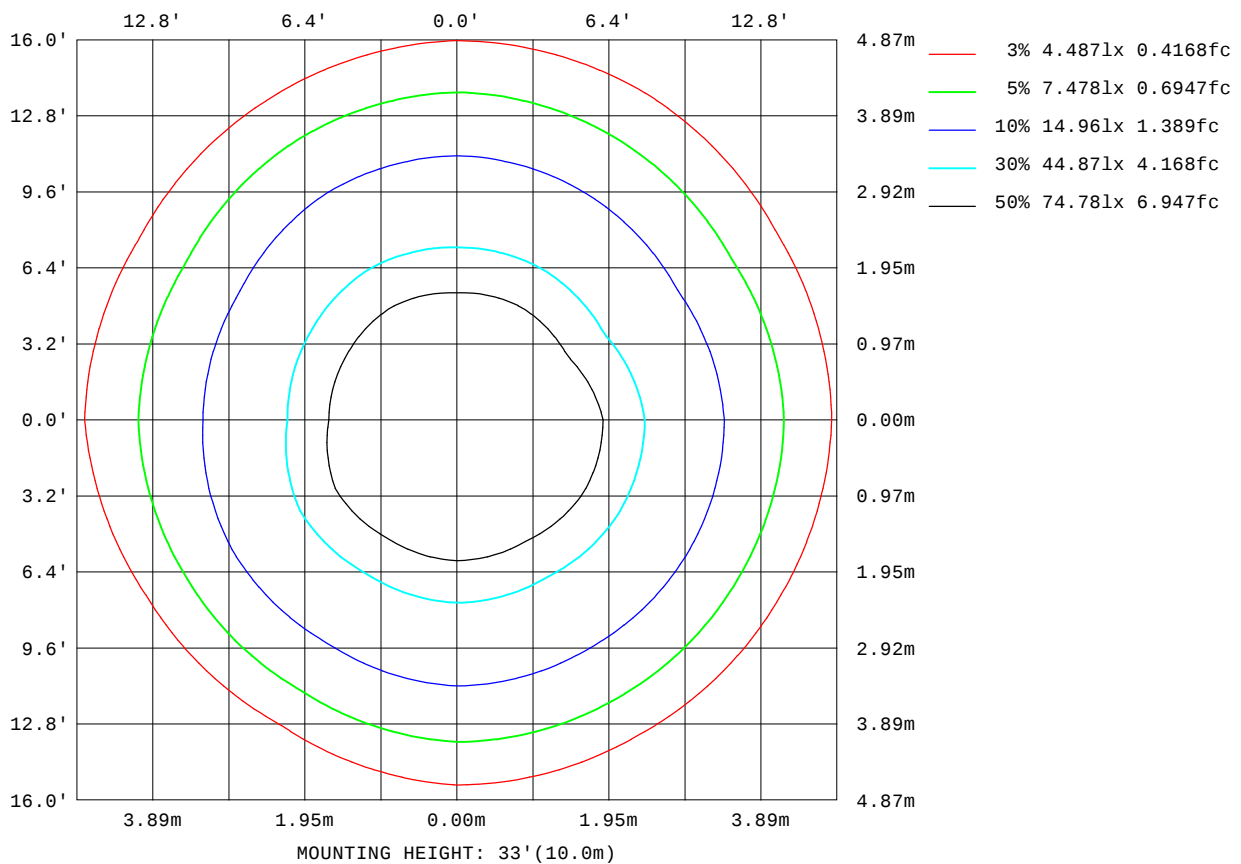


H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

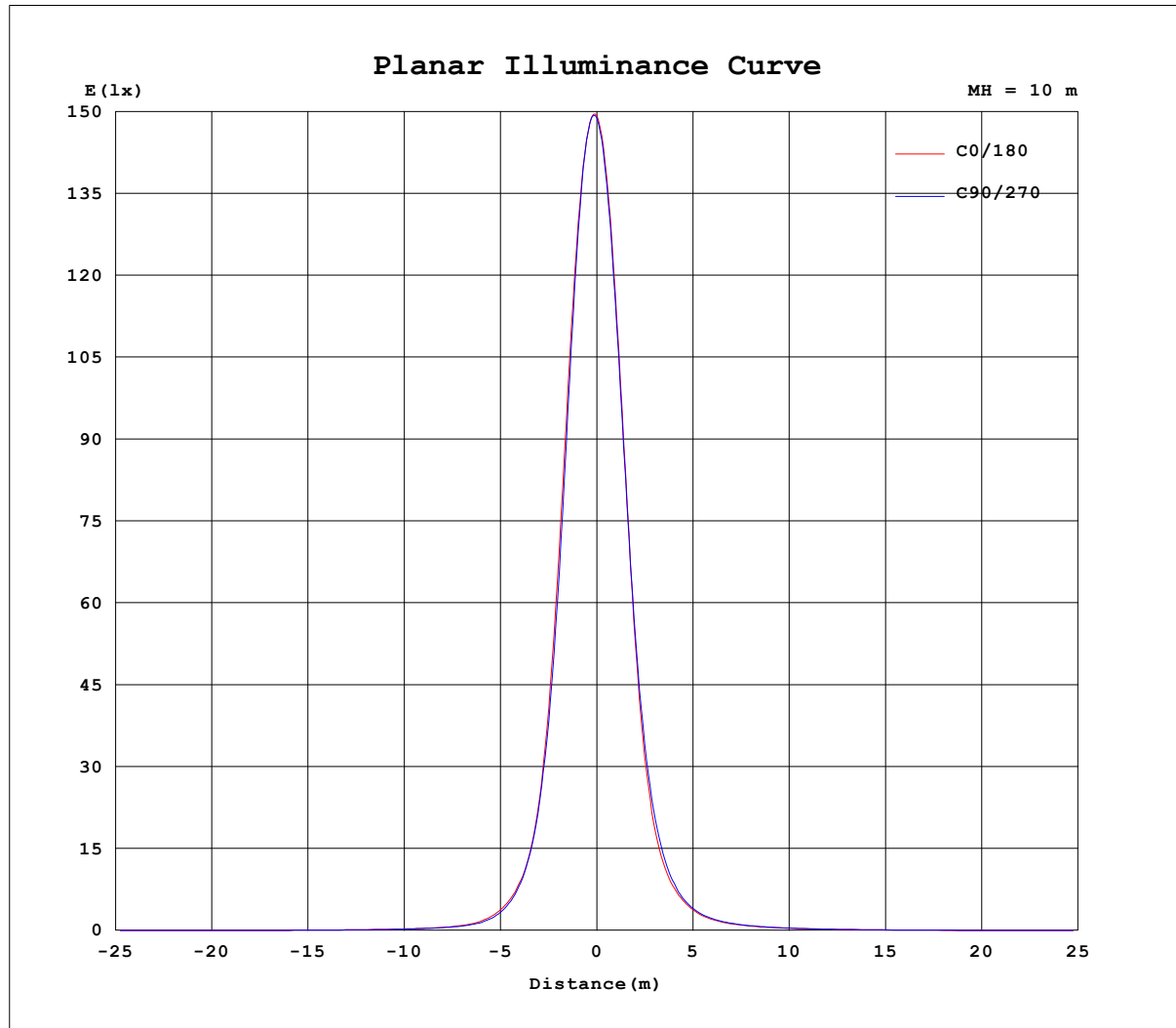
NAME:DecoBody-330mm-3000K-20D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:330mm	SERIAL No.:IES001483
MFR.:	SUR.:	Shielding Angle:



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 GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

Planar Illuminance Curve

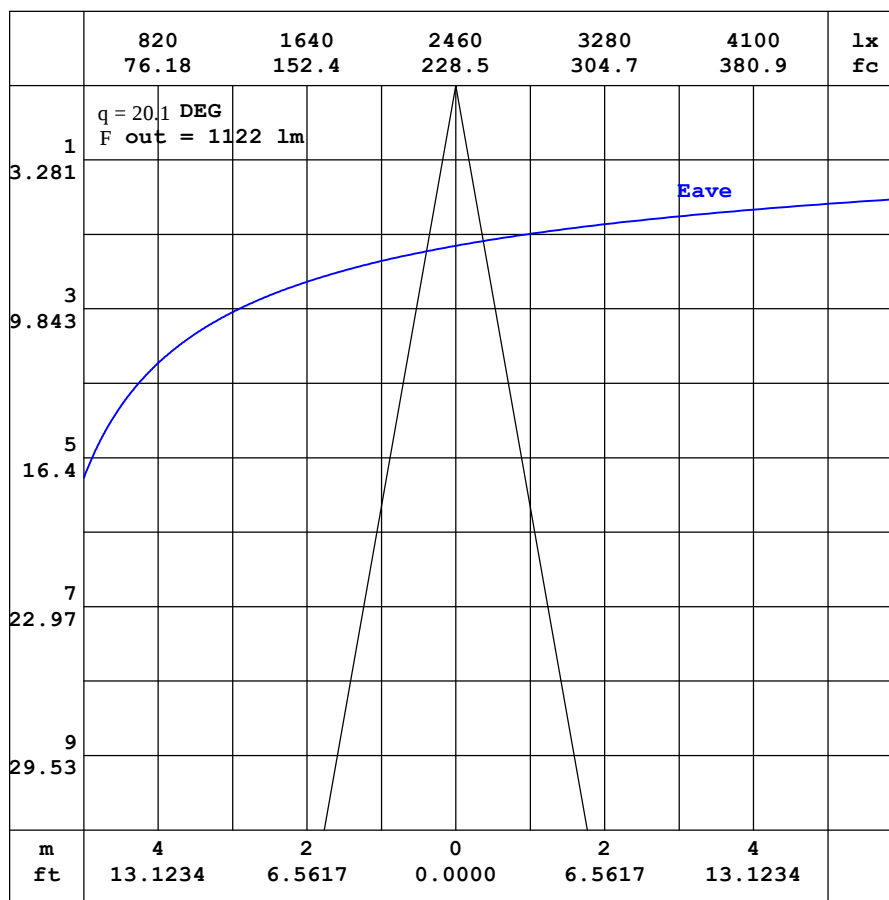


H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

AAI CURVES

NAME:DecoBody-330mm-3000K-20D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:330mm	SERIAL No.:IES001483
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 GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:DecoHody-330mm-3000K-20D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:330mm	SERIAL No.:IES001483
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	0.98	0.85	0.76	0.72	0.71	0.73	0.84	1.07	1.43	1.81	2.11	2.26	2.29	2.25	2.20	2.14	2.02	1.83	1.89
-170	0.98	0.84	0.75	0.70	0.68	0.68	0.72	0.86	1.07	1.31	1.50	1.60	1.65	1.68	1.71	1.75	1.85	1.91	1.94
-160	0.98	0.84	0.74	0.69	0.66	0.63	0.62	0.64	0.71	0.79	0.85	0.88	0.91	1.14	1.36	1.55	1.70	1.78	1.81
-150	0.98	0.84	0.74	0.68	0.64	0.60	0.55	0.50	0.45	0.39	0.34	0.46	0.61	0.77	0.93	1.07	1.18	1.25	1.27
-140	0.98	0.84	0.73	0.67	0.63	0.59	0.53	0.45	0.34	0.28	0.27	0.29	0.35	0.42	0.50	0.58	0.63	0.67	0.69
-130	0.98	0.84	0.74	0.67	0.63	0.59	0.54	0.47	0.41	0.36	0.31	0.28	0.27	0.27	0.28	0.29	0.30	0.31	0.32
-120	0.98	0.85	0.74	0.67	0.62	0.58	0.55	0.51	0.50	0.47	0.44	0.41	0.38	0.35	0.34	0.32	0.31	0.30	0.30
-110	0.98	0.86	0.75	0.68	0.62	0.57	0.53	0.53	0.53	0.53	0.52	0.52	0.51	0.50	0.50	0.49	0.49	0.48	0.48
-100	0.98	0.87	0.77	0.68	0.60	0.54	0.48	0.49	0.50	0.51	0.51	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53
-90	0.98	0.88	0.79	0.69	0.59	0.49	0.39	0.40	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.40	0.40
-80	0.98	0.90	0.81	0.70	0.59	0.46	0.33	0.32	0.33	0.34	0.35	0.36	0.37	0.39	0.41	0.43	0.45	0.46	0.47
-70	0.98	0.92	0.84	0.75	0.65	0.57	0.48	0.51	0.61	0.72	0.83	0.95	1.06	1.17	1.27	1.36	1.43	1.48	1.50
-60	0.98	0.95	0.90	0.86	0.84	0.86	0.90	1.01	1.27	1.54	1.81	2.07	2.31	2.54	2.77	2.96	3.11	3.22	3.28
-50	0.98	0.98	0.97	1.02	1.13	1.31	1.54	1.77	2.13	2.60	3.08	3.55	3.99	4.41	4.85	5.25	5.58	5.83	5.95
-40	0.98	1.01	1.07	1.22	1.49	1.87	2.31	2.77	3.24	3.84	4.58	5.36	6.17	7.01	7.87	8.75	9.56	10.2	10.5
-30	0.98	1.04	1.17	1.45	1.88	2.47	3.16	3.92	4.71	5.46	6.23	7.53	9.09	11.0	13.5	16.7	20.8	25.0	27.7
-20	0.98	1.07	1.27	1.66	2.26	3.06	4.02	5.12	6.36	7.69	9.17	10.9	13.7	20.4	33.5	54.7	86.2	122	143
-10	0.98	1.11	1.36	1.83	2.57	3.56	4.77	6.24	8.00	10.1	12.8	17.0	25.2	44.8	87.9	189	392	652	809
0	0.98	1.13	1.42	1.96	2.79	3.92	5.32	7.08	9.30	12.1	16.0	22.4	35.6	64.8	128	296	699	1232	1493
10	0.98	1.13	1.41	1.94	2.74	3.82	5.17	6.86	8.96	11.6	15.2	20.5	30.2	49.8	88.5	173	359	604	698
20	0.98	1.12	1.38	1.85	2.57	3.53	4.74	6.21	8.02	10.2	12.9	16.6	21.6	29.8	43.5	65.5	97.2	128	143
30	0.98	1.11	1.33	1.72	2.30	3.10	4.09	5.27	6.68	8.30	10.2	12.4	15.1	18.2	21.9	26.6	31.8	36.1	38.4
40	0.98	1.09	1.27	1.56	2.00	2.60	3.33	4.21	5.19	6.34	7.61	8.94	10.3	11.8	13.2	14.7	15.9	16.8	17.3
50	0.98	1.07	1.20	1.40	1.70	2.08	2.57	3.15	3.80	4.54	5.33	6.14	6.94	7.71	8.39	8.99	9.46	9.78	9.92
60	0.98	1.05	1.13	1.25	1.42	1.64	1.90	2.23	2.61	3.02	3.46	3.91	4.35	4.75	5.09	5.39	5.61	5.77	5.84
70	0.98	1.03	1.08	1.14	1.22	1.31	1.42	1.57	1.72	1.89	2.08	2.27	2.46	2.63	2.78	2.90	3.00	3.06	3.09
80	0.98	1.01	1.03	1.06	1.09	1.11	1.14	1.18	1.21	1.25	1.29	1.34	1.38	1.42	1.45	1.48	1.51	1.53	1.54
90	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.98
100	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.76	0.76	0.76
110	0.98	0.94	0.89	0.85	0.82	0.79	0.76	0.75	0.73	0.72	0.71	0.71	0.71	0.71	0.70	0.70	0.70	0.70	0.70
120	0.98	0.92	0.85	0.80	0.76	0.74	0.72	0.71	0.70	0.70	0.71	0.72	0.73	0.74	0.76	0.78	0.80	0.81	0.81
130	0.98	0.90	0.82	0.77	0.73	0.71	0.71	0.71	0.72	0.76	0.81	0.88	0.97	1.07	1.17	1.26	1.33	1.37	1.39
140	0.98	0.88	0.80	0.74	0.71	0.71	0.71	0.74	0.81	0.94	1.11	1.31	1.51	1.70	1.84	1.96	2.03	2.08	2.09
150	0.98	0.87	0.78	0.73	0.71	0.71	0.74	0.83	0.99	1.24	1.53	1.80	2.02	2.17	2.26	2.32	2.36	2.38	2.39
160	0.98	0.86	0.77	0.72	0.71	0.72	0.78	0.94	1.20	1.54	1.87	2.12	2.27	2.35	2.41	2.45	2.49	2.51	2.52
170	0.98	0.85	0.76	0.72	0.71	0.73	0.82	1.03	1.37	1.74	2.06	2.24	2.33	2.36	2.38	2.36	2.32	2.29	2.28
180	0.98	0.85	0.76	0.72	0.71	0.73	0.84	1.07	1.43	1.81	2.11	2.26	2.29	2.25	2.20	2.14	2.02	1.83	1.89

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 GO-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-20D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:20 DEG	DIM.:330mm	SERIAL No.:IES001483
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: ×10cd

H(°) V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	1.66	1.71	1.68	1.56	1.39	1.17	0.92	0.67	0.45	0.31	0.27	0.31	0.40	0.49	0.53	0.53	0.48	0.40
-170	1.87	1.83	1.75	1.60	1.39	1.13	0.87	0.62	0.42	0.30	0.27	0.32	0.41	0.49	0.53	0.53	0.48	0.40
-160	1.78	1.70	1.56	1.37	1.16	0.92	0.69	0.49	0.35	0.28	0.28	0.34	0.43	0.50	0.53	0.52	0.48	0.40
-150	1.25	1.19	1.08	0.94	0.78	0.61	0.46	0.35	0.28	0.27	0.31	0.38	0.46	0.51	0.53	0.52	0.47	0.40
-140	0.68	0.64	0.58	0.51	0.43	0.35	0.30	0.27	0.27	0.31	0.37	0.44	0.50	0.53	0.53	0.51	0.47	0.40
-130	0.31	0.30	0.29	0.28	0.27	0.27	0.28	0.31	0.35	0.40	0.45	0.50	0.52	0.53	0.52	0.50	0.46	0.40
-120	0.30	0.31	0.32	0.33	0.35	0.37	0.40	0.44	0.47	0.49	0.51	0.53	0.53	0.53	0.51	0.48	0.44	0.40
-110	0.48	0.49	0.49	0.49	0.50	0.51	0.52	0.52	0.53	0.53	0.53	0.53	0.52	0.50	0.48	0.46	0.43	0.40
-100	0.53	0.53	0.53	0.53	0.53	0.52	0.52	0.52	0.51	0.50	0.49	0.48	0.47	0.46	0.45	0.43	0.41	0.40
-90	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
-80	0.47	0.46	0.44	0.42	0.41	0.39	0.38	0.36	0.35	0.34	0.33	0.33	0.33	0.34	0.35	0.36	0.38	0.40
-70	1.48	1.44	1.38	1.30	1.20	1.10	0.98	0.87	0.75	0.64	0.55	0.46	0.39	0.35	0.33	0.34	0.36	0.40
-60	3.24	3.15	3.02	2.84	2.63	2.39	2.14	1.87	1.60	1.32	1.06	0.82	0.62	0.47	0.37	0.33	0.35	0.40
-50	5.87	5.67	5.37	5.00	4.57	4.14	3.67	3.18	2.69	2.21	1.76	1.34	0.97	0.67	0.46	0.35	0.34	0.40
-40	10.3	9.81	9.07	8.19	7.32	6.44	5.58	4.75	3.97	3.22	2.53	1.91	1.37	0.91	0.58	0.38	0.34	0.40
-30	26.2	22.5	18.5	14.8	11.9	9.68	7.95	6.54	5.32	4.25	3.29	2.46	1.76	1.16	0.70	0.42	0.34	0.40
-20	128	96.0	62.6	38.2	23.0	15.1	11.0	8.47	6.63	5.18	3.95	2.93	2.08	1.36	0.80	0.45	0.34	0.40
-10	670	418	206	98.4	48.5	24.5	14.7	10.2	7.69	5.87	4.42	3.24	2.29	1.50	0.88	0.48	0.34	0.40
0	1349	854	372	146	67.3	31.8	17.0	11.1	8.16	6.15	4.60	3.35	2.37	1.55	0.91	0.49	0.34	0.40
10	599	360	181	94.4	51.2	29.1	18.1	12.5	9.13	6.82	5.04	3.64	2.55	1.66	0.98	0.54	0.36	0.40
20	128	98.3	68.2	46.0	31.6	22.7	16.4	12.1	9.07	6.83	5.06	3.67	2.56	1.68	1.00	0.56	0.38	0.40
30	37.0	33.3	28.4	23.0	18.9	15.5	12.8	10.4	8.15	6.24	4.68	3.42	2.40	1.59	0.98	0.58	0.40	0.40
40	16.9	16.1	14.9	13.6	12.1	10.6	9.14	7.78	6.51	5.23	3.98	2.95	2.11	1.43	0.92	0.58	0.42	0.40
50	9.82	9.54	9.09	8.52	7.84	7.06	6.25	5.44	4.64	3.90	3.15	2.39	1.75	1.24	0.84	0.57	0.43	0.40
60	5.78	5.63	5.42	5.13	4.80	4.39	3.96	3.52	3.09	2.68	2.30	1.83	1.41	1.05	0.77	0.57	0.45	0.40
70	3.06	3.00	2.91	2.79	2.65	2.48	2.30	2.11	1.93	1.76	1.60	1.41	1.13	0.91	0.72	0.57	0.47	0.40
80	1.53	1.51	1.49	1.46	1.43	1.39	1.35	1.31	1.26	1.22	1.18	1.13	0.97	0.83	0.70	0.58	0.48	0.40
90	0.98	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.88	0.79	0.69	0.59	0.49	0.40
100	0.76	0.76	0.76	0.76	0.77	0.77	0.78	0.79	0.80	0.81	0.83	0.84	0.80	0.74	0.67	0.59	0.50	0.40
110	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.71	0.71	0.72	0.74	0.74	0.72	0.69	0.65	0.59	0.51	0.40
120	0.80	0.79	0.78	0.76	0.74	0.72	0.71	0.70	0.69	0.69	0.70	0.69	0.67	0.66	0.63	0.59	0.51	0.40
130	1.37	1.33	1.26	1.17	1.06	0.96	0.87	0.80	0.74	0.71	0.68	0.66	0.64	0.63	0.61	0.58	0.51	0.40
140	2.08	2.03	1.96	1.85	1.70	1.51	1.30	1.10	0.92	0.77	0.66	0.62	0.61	0.61	0.60	0.57	0.51	0.40
150	2.38	2.35	2.31	2.25	2.16	2.01	1.80	1.52	1.12	0.81	0.63	0.57	0.57	0.58	0.58	0.56	0.50	0.40
160	2.51	2.49	2.45	2.40	2.34	2.25	1.92	1.50	1.09	0.76	0.57	0.50	0.51	0.55	0.56	0.55	0.50	0.40
170	2.29	2.33	2.38	2.27	2.05	1.79	1.49	1.17	0.85	0.59	0.44	0.41	0.46	0.52	0.55	0.54	0.49	0.40
180	1.66	1.71	1.68	1.56	1.39	1.17	0.92	0.67	0.45	0.31	0.27	0.31	0.40	0.49	0.53	0.53	0.48	0.40

H(°) Range:-90 - 90DEG

H(°) 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 GO-2000B_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.630m [K=1.0000]

Remarks: