

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1438.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	84.6V x 81.8H
	At 50% of Imax	42.8V x 42.9H
	At 90% of Imax	18.5V x 17.4H

Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	835.9 lumens per klm.
	To 50% of Imax	448.9 lumens per klm.
	To 90% of Imax	108.1 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

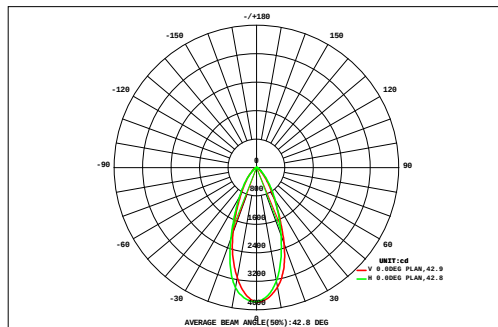
Luminaire Efficiency(Light Output Ratio)	100.0 %
--	---------

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-40D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:40 DEG	DIM.:330mm	SERIAL No.:IES001485
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:81.56lm/W	
MODEL		Imax(cd)	3778
NOMINAL POWER(W)	32.3	AVAILABILITY(%)	83.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	2196
NOMINAL FLUX(lm)	2626	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	2626
TEST VOLTAGE(V)	221.4	q @50%(H,V)	43,43DEG

		AREA FLUX DIAGRAM																UNIT:lm				F t	F a
		0.11	0.18	0.29	0.43	0.59	0.76	0.90	1.01	1.07	1.08	1.02	0.91	0.77	0.61	0.44	0.30	0.18	0.09	10.8	0.00		
VERTICAL (DEG)	72	0.14	0.26	0.44	0.68	0.96	1.24	1.51	1.73	1.87	1.87	1.74	1.53	1.26	0.97	0.70	0.46	0.26	0.12	17.7	0.00		
	64	0.18	0.35	0.62	0.98	1.41	1.91	2.45	2.99	3.37	3.39	3.02	2.50	1.95	1.45	1.01	0.64	0.35	0.15	28.7	0.00		
	56	0.22	0.46	0.83	1.34	2.05	3.05	4.36	5.68	6.58	6.59	5.70	4.42	3.12	2.10	1.38	0.84	0.44	0.19	49.3	6.78		
	48	0.26	0.57	1.04	1.79	3.08	5.16	7.78	10.5	12.6	12.7	10.6	7.84	5.15	3.10	1.83	1.04	0.53	0.22	85.8	59.5		
	40	0.30	0.67	1.27	2.39	4.52	8.03	12.8	18.0	22.4	22.6	18.4	13.0	8.06	4.49	2.37	1.23	0.61	0.25	141	122		
	32	0.33	0.75	1.50	3.09	6.23	11.8	19.9	29.6	37.7	38.3	30.7	20.4	11.8	6.15	2.98	1.41	0.67	0.27	224	208		
	24	0.36	0.82	1.70	3.75	7.98	15.6	28.1	43.9	55.9	57.6	47.2	29.9	16.1	7.87	3.56	1.55	0.70	0.28	323	309		
	-24	0.37	0.85	1.81	4.17	9.07	18.2	34.4	53.6	67.7	69.3	58.9	38.8	19.7	9.01	3.90	1.61	0.71	0.28	392	380		
		0.36	0.83	1.78	4.13	9.02	18.2	35.1	55.4	69.4	70.5	60.3	40.1	20.3	9.16	3.91	1.59	0.69	0.28	401	389		
		0.34	0.77	1.61	3.61	7.83	15.6	29.1	46.1	59.2	60.7	50.0	33.1	17.5	8.21	3.55	1.49	0.66	0.26	340	326		
		0.30	0.68	1.35	2.85	5.97	11.5	19.7	29.8	39.0	40.1	32.5	22.3	13.0	6.42	2.90	1.30	0.60	0.24	230	215		
		-32	0.26	0.57	1.08	2.08	4.12	7.67	12.3	17.2	21.6	22.2	18.8	13.8	8.54	4.49	2.18	1.07	0.52	0.21	139	121	
		-40	0.22	0.46	0.83	1.44	2.64	4.62	7.26	9.88	11.7	12.0	10.6	8.11	5.12	2.88	1.56	0.85	0.43	0.18	80.9	56.3	
		-48	0.17	0.35	0.61	1.01	1.62	2.55	3.75	4.99	5.85	5.98	5.31	4.12	2.80	1.77	1.09	0.64	0.33	0.14	43.0	3.76	
		-56	0.13	0.25	0.43	0.70	1.03	1.42	1.88	2.35	2.68	2.72	2.47	2.03	1.54	1.11	0.74	0.45	0.24	0.10	22.3	0.00	
	-64	0.09	0.16	0.28	0.45	0.64	0.85	1.06	1.24	1.36	1.38	1.28	1.11	0.90	0.68	0.47	0.29	0.16	0.07	12.5	0.00		
-72	0.06	0.09	0.15	0.25	0.36	0.47	0.58	0.67	0.72	0.73	0.68	0.60	0.49	0.38	0.26	0.16	0.09	0.04	6.77	0.00			
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
F t		4.19	9.07	17.6	35.1	69.1	129	223	335	421	430	359	245	138	70.8	34.8	16.9	8.16	3.39	2548	---		
F a		0.00	0.00	0.00	1.36	40.6	105	202	315	401	410	339	224	115	41.8	0.79	0.00	0.00	0.00	---	2196		

one-half-peak spread: U:21.8,D:21.3 , L:21.6,R:21.5

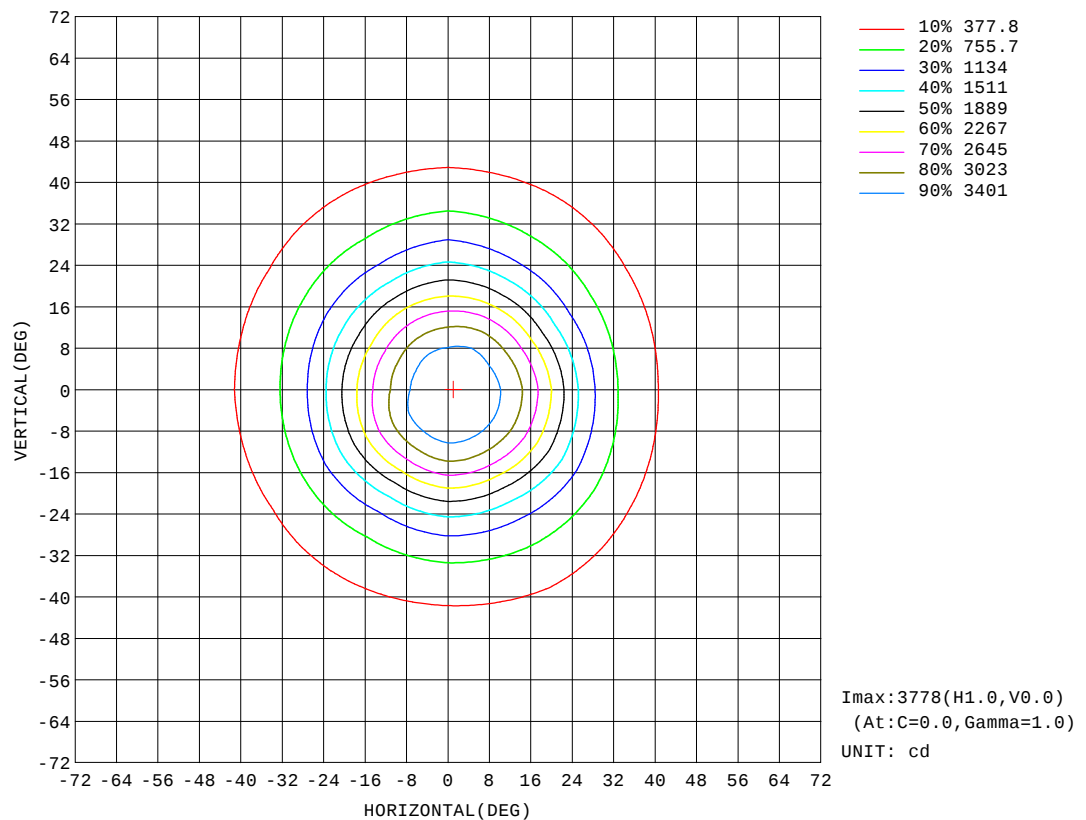
NEMA Beam Type: Type 5

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

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-40D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:40 DEG	DIM.:330mm	SERIAL No.:IES001485
MFR.:	SUR.:	Shielding Angle:

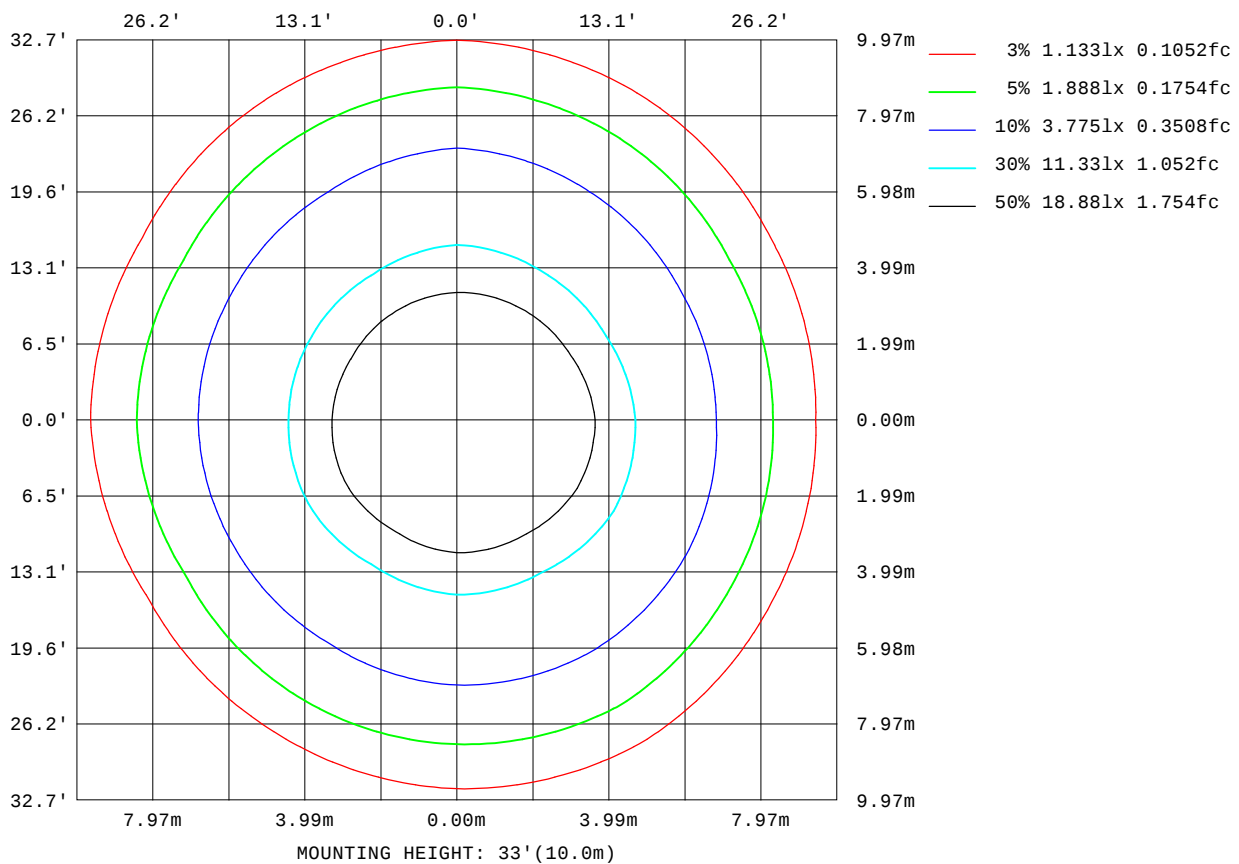


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-08-14

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

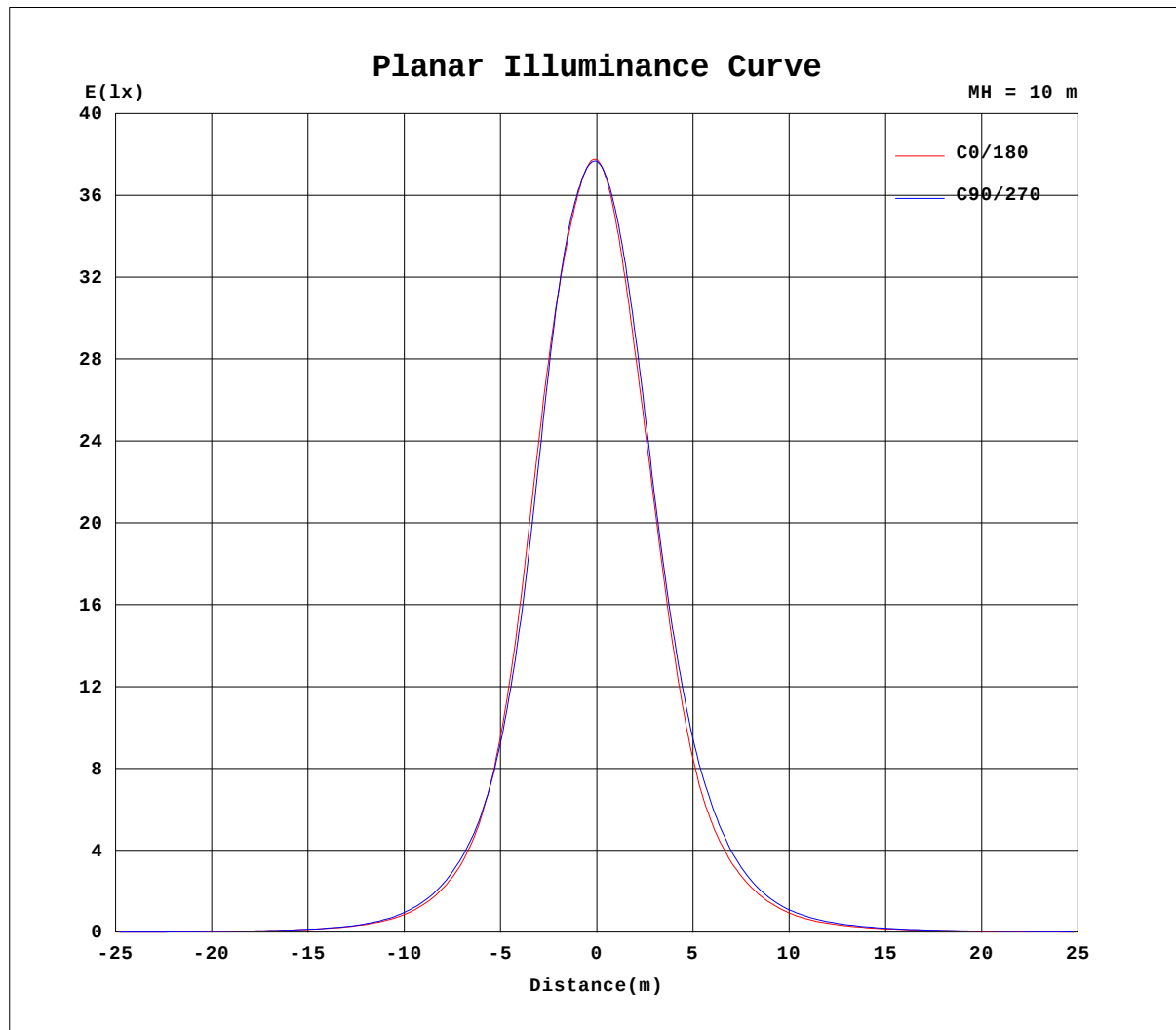
NAME:DecoBody-330mm-3000K-40D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:40 DEG	DIM.:330mm	SERIAL No.:IES001485
MFR.:	SUR.:	Shielding Angle:



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

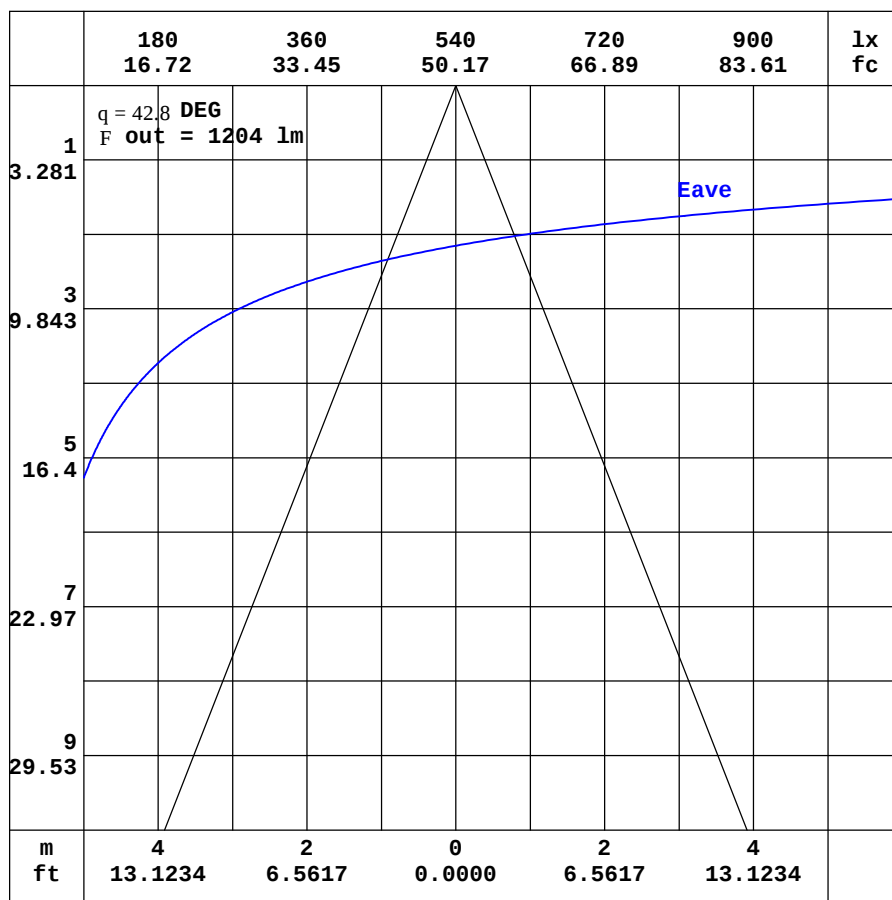


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-08-14

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-40D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:40 DEG	DIM.:330mm	SERIAL No.:IES001485
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-40D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:40 DEG	DIM.:330mm	SERIAL No.:IES001485
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	10.6	9.73	9.18	9.01	9.25	9.98	11.2	12.8	14.6	16.4	18.0	19.3	20.2	20.7	20.7	20.4	19.9	19.2	19.4
-170	10.6	9.56	8.86	8.54	8.56	8.96	9.68	10.6	11.7	12.7	13.6	14.3	14.6	14.7	14.4	14.5	15.6	16.3	16.7
-160	10.6	9.40	8.58	8.08	7.87	7.90	8.13	8.44	8.75	8.99	9.09	9.01	8.98	10.4	11.6	12.7	13.5	14.0	14.1
-150	10.6	9.28	8.33	7.66	7.23	6.93	6.71	6.48	6.17	5.71	5.33	6.18	7.14	8.14	9.09	9.92	10.5	10.9	11.0
-140	10.6	9.19	8.12	7.31	6.68	6.14	5.61	5.02	4.29	4.11	4.45	4.89	5.40	5.96	6.51	6.97	7.33	7.55	7.63
-130	10.6	9.13	7.97	7.03	6.24	5.54	4.84	4.07	3.76	3.82	3.93	4.09	4.28	4.50	4.70	4.88	5.03	5.13	5.16
-120	10.6	9.11	7.88	6.83	5.91	5.09	4.30	3.72	3.74	3.75	3.77	3.80	3.84	3.89	3.94	3.98	4.02	4.05	4.07
-110	10.6	9.13	7.85	6.71	5.68	4.74	3.86	3.63	3.68	3.71	3.74	3.76	3.78	3.79	3.80	3.82	3.83	3.84	3.85
-100	10.6	9.20	7.90	6.68	5.53	4.45	3.41	3.38	3.43	3.48	3.51	3.55	3.57	3.60	3.62	3.63	3.64	3.65	3.66
-90	10.6	9.31	8.05	6.79	5.52	4.26	2.99	3.00	3.00	3.01	3.01	3.01	3.02	3.01	3.00	2.98	2.97	2.96	2.95
-80	10.6	9.47	8.30	7.08	5.87	4.66	3.47	3.68	4.05	4.46	4.91	5.39	5.89	6.44	6.97	7.44	7.84	8.14	8.34
-70	10.6	9.68	8.78	8.07	7.63	7.47	7.58	9.08	11.4	13.9	16.5	19.0	21.4	23.7	25.9	27.8	29.3	30.4	31.0
-60	10.6	9.94	9.62	9.98	11.2	13.3	16.0	19.6	24.9	30.6	36.2	41.8	47.0	52.1	57.3	61.9	65.7	68.6	70.3
-50	10.6	10.3	10.8	12.8	16.5	21.5	27.6	34.1	42.4	52.2	62.7	74.1	87.0	101	118	136	150	161	167
-40	10.6	10.7	12.2	16.2	22.7	31.2	41.0	51.9	63.8	80.2	103	136	178	228	283	340	389	424	441
-30	10.6	11.1	13.8	19.8	29.2	41.1	55.1	71.5	92.5	124	173	246	347	467	589	704	823	927	987
-20	10.6	11.5	15.3	23.2	35.0	50.1	68.4	91.6	126	184	274	401	574	798	1067	1364	1676	1967	2122
-10	10.6	11.9	16.4	25.7	39.6	57.4	79.4	109	157	240	371	555	810	1189	1701	2296	2837	3234	3428
0	10.6	12.2	17.2	27.3	42.3	61.7	86.0	119	173	271	420	624	905	1346	1952	2589	3142	3578	3775
10	10.6	12.1	17.0	26.8	41.3	60.1	83.5	115	164	248	379	563	817	1174	1637	2165	2683	3068	3232
20	10.6	12.0	16.4	25.2	38.3	55.3	76.1	102	140	200	292	417	591	817	1081	1365	1663	1909	2024
30	10.6	11.8	15.5	22.6	33.7	47.9	65.2	85.5	111	147	200	276	372	486	613	744	877	985	1050
40	10.6	11.6	14.3	19.6	28.0	39.0	52.1	67.3	84.2	104	130	163	206	262	322	377	425	462	484
50	10.6	11.4	13.1	16.7	22.2	29.6	38.6	49.0	60.4	72.9	86.2	100	116	132	150	168	185	198	205
60	10.6	11.1	12.2	14.1	17.1	21.2	26.3	32.4	39.4	46.8	54.4	61.9	69.2	75.9	81.8	87.1	91.4	94.4	96.1
70	10.6	11.0	11.5	12.3	13.4	15.1	17.1	19.7	22.8	26.1	29.7	33.3	36.7	39.8	42.2	44.3	45.8	46.9	47.3
80	10.6	10.8	11.0	11.2	11.5	11.8	12.2	12.7	13.3	14.0	14.8	15.6	16.3	17.0	17.6	18.1	18.5	18.8	19.0
90	10.6	10.6	10.6	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8	10.7	10.7	10.7	10.7	10.7	10.7
100	10.6	10.4	10.3	10.1	10.0	9.88	9.77	9.69	9.61	9.54	9.49	9.45	9.41	9.37	9.33	9.30	9.29	9.27	9.27
110	10.6	10.3	9.98	9.74	9.53	9.36	9.24	9.15	9.10	9.07	9.07	9.08	9.10	9.13	9.16	9.20	9.22	9.23	9.23
120	10.6	10.1	9.75	9.44	9.22	9.10	9.05	9.08	9.18	9.34	9.55	9.80	10.0	10.3	10.5	10.7	10.9	11.0	11.0
130	10.6	10.0	9.55	9.23	9.07	9.05	9.18	9.46	9.88	10.4	11.0	11.6	12.2	12.8	13.3	13.7	14.1	14.3	14.3
140	10.6	9.91	9.41	9.11	9.04	9.18	9.58	10.2	11.0	12.0	13.0	14.0	15.0	15.8	16.5	17.1	17.6	17.8	17.9
150	10.6	9.83	9.30	9.04	9.08	9.43	10.1	11.1	12.3	13.7	15.0	16.3	17.5	18.4	19.2	19.7	20.1	20.3	20.4
160	10.6	9.78	9.23	9.02	9.16	9.70	10.7	12.0	13.5	15.1	16.7	18.1	19.2	20.0	20.5	20.8	20.9	20.9	21.0
170	10.6	9.74	9.19	9.02	9.23	9.91	11.0	12.6	14.3	16.1	17.7	19.0	20.0	20.5	20.7	20.6	20.3	20.1	20.1
180	10.6	9.73	9.18	9.01	9.25	9.98	11.2	12.8	14.6	16.4	18.0	19.3	20.2	20.7	20.7	20.4	19.9	19.2	19.3

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 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-40D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:40 DEG	DIM.:330mm	SERIAL No.:IES001485
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	17.4	16.4	15.2	13.8	12.3	10.6	8.89	7.33	6.01	5.01	4.37	4.03	3.88	3.84	3.78	3.61	3.31	2.91	
-170	15.9	15.2	14.3	13.1	11.7	10.1	8.54	7.07	5.82	4.90	4.31	4.00	3.87	3.84	3.77	3.60	3.30	2.91	
-160	13.8	13.3	12.5	11.4	10.2	8.82	7.50	6.29	5.32	4.61	4.17	3.94	3.86	3.82	3.75	3.58	3.29	2.91	
-150	10.8	10.4	9.82	8.99	8.05	7.07	6.13	5.32	4.70	4.26	4.00	3.88	3.84	3.80	3.71	3.54	3.26	2.91	
-140	7.54	7.31	6.94	6.48	5.94	5.39	4.90	4.49	4.18	3.98	3.88	3.83	3.81	3.77	3.67	3.48	3.22	2.91	
-130	5.13	5.03	4.89	4.71	4.51	4.31	4.13	3.99	3.89	3.84	3.82	3.80	3.77	3.70	3.58	3.40	3.17	2.91	
-120	4.05	4.03	4.00	3.96	3.92	3.88	3.85	3.83	3.81	3.80	3.77	3.74	3.68	3.59	3.47	3.31	3.12	2.91	
-110	3.84	3.84	3.83	3.82	3.80	3.79	3.78	3.76	3.73	3.70	3.65	3.59	3.52	3.43	3.32	3.19	3.05	2.91	
-100	3.65	3.64	3.62	3.60	3.59	3.57	3.54	3.50	3.46	3.42	3.37	3.31	3.26	3.20	3.13	3.06	2.99	2.91	
-90	2.95	2.96	2.96	2.96	2.97	2.97	2.97	2.96	2.96	2.95	2.95	2.94	2.94	2.93	2.93	2.92	2.92	2.91	
-80	8.18	7.93	7.57	7.13	6.62	6.09	5.65	5.19	4.72	4.24	3.82	3.46	3.21	3.02	2.87	2.82	2.85	2.91	
-70	30.7	29.8	28.6	26.8	24.8	22.5	20.0	17.4	14.8	12.2	9.86	7.79	6.09	4.57	3.57	3.03	2.81	2.91	
-60	69.5	67.5	64.3	60.1	55.3	50.0	44.3	38.4	32.4	26.5	20.9	15.8	11.5	7.93	5.26	3.55	2.86	2.91	
-50	165	157	144	129	111	94.7	80.2	67.5	55.9	45.2	35.4	26.6	18.8	12.5	7.65	4.39	3.00	2.91	
-40	437	413	373	319	252	194	148	113	87.3	67.7	51.9	38.4	27.1	17.6	10.3	5.51	3.14	2.91	
-30	962	887	786	662	520	384	271	187	131	94.2	69.0	50.2	35.0	22.6	13.0	6.64	3.30	2.91	
-20	2040	1805	1519	1208	906	646	433	286	185	123	85.2	60.3	41.6	26.8	15.3	7.52	3.45	2.91	
-10	3330	3032	2547	1939	1355	892	580	371	231	146	97.1	67.3	46.0	29.6	16.8	8.12	3.56	2.91	
0	3683	3411	2957	2262	1532	981	624	400	247	154	101	69.7	47.5	30.6	17.4	8.34	3.60	2.91	
10	3208	2898	2372	1762	1230	838	556	366	233	151	101	71.0	48.6	31.3	17.9	8.71	3.82	2.91	
20	1947	1723	1415	1101	826	589	412	284	192	133	94.1	67.3	46.5	30.0	17.3	8.66	3.95	2.91	
30	993	891	763	626	490	371	274	199	147	109	81.5	59.5	41.6	27.1	15.8	8.26	4.03	2.91	
40	463	425	376	321	264	210	167	134	108	86.0	66.1	49.0	34.7	22.8	13.7	7.51	4.07	2.91	
50	199	188	171	153	135	118	103	88.4	74.9	62.1	49.6	37.4	26.8	18.1	11.5	6.72	4.08	2.91	
60	94.7	91.9	87.8	82.6	77.0	70.3	63.0	55.5	47.9	40.6	33.6	26.1	19.3	13.8	9.28	6.12	4.07	2.91	
70	47.0	46.1	44.6	42.6	40.2	37.3	33.9	30.4	26.9	23.5	20.4	17.3	13.6	10.3	7.77	5.71	4.09	2.91	
80	18.9	18.6	18.3	17.8	17.2	16.6	15.8	15.0	14.2	13.5	12.9	12.2	10.4	8.63	7.01	5.50	4.15	2.91	
90	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.6	9.35	8.06	6.77	5.48	4.20	2.91	
100	9.26	9.27	9.28	9.30	9.33	9.37	9.41	9.46	9.52	9.59	9.67	9.68	8.70	7.67	6.58	5.43	4.21	2.91	
110	9.21	9.18	9.13	9.08	9.03	8.99	8.97	8.97	8.99	9.03	9.10	9.12	8.12	7.27	6.35	5.32	4.18	2.91	
120	10.9	10.8	10.6	10.4	10.1	9.88	9.62	9.39	9.19	9.05	8.97	8.37	7.62	6.87	6.07	5.18	4.13	2.91	
130	14.2	14.0	13.6	13.1	12.6	12.0	11.3	10.7	10.1	9.66	8.96	7.98	7.18	6.47	5.77	4.99	4.05	2.91	
140	17.8	17.5	17.0	16.3	15.6	14.7	13.7	12.6	11.6	10.3	8.79	7.61	6.74	6.05	5.44	4.76	3.94	2.91	
150	20.2	20.0	19.6	19.0	18.2	17.2	16.0	14.6	12.3	10.1	8.37	7.10	6.22	5.59	5.06	4.51	3.81	2.91	
160	20.9	20.8	20.7	20.4	19.8	18.9	16.4	13.7	11.2	9.11	7.50	6.34	5.57	5.06	4.66	4.23	3.66	2.91	
170	19.8	20.1	20.5	19.5	17.6	15.5	13.3	11.0	9.02	7.36	6.12	5.29	4.77	4.48	4.23	3.93	3.49	2.91	
180	17.4	16.4	15.2	13.8	12.3	10.6	8.89	7.33	6.01	5.01	4.37	4.03	3.88	3.84	3.78	3.61	3.31	2.91	

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: