

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3597.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	26.0V x 85.7H
	At 50% of Imax	7.1V x 55.9H
	At 90% of Imax	2.7V x 29.5H

Beam Flux	Total	1000.4 lumens per klm.
	To 10% of Imax	711.7 lumens per klm.
	To 50% of Imax	401.3 lumens per klm.
	To 90% of Imax	117.0 lumens per klm.

Upward LOR	2.0 %
Downward LOR	98.0 %

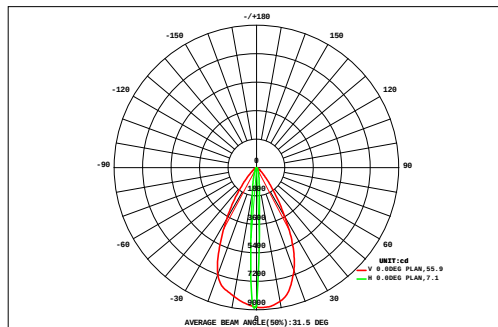
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-01

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:DecoHody-330mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:330mm	SERIAL No.:IES001630
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:77.25lm/W	
MODEL		Imax(cd)	8921
NOMINAL POWER(W)	32.1	AVAILABILITY(%)	71.5
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1773
NOMINAL FLUX(lm)	2480	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	2480
TEST VOLTAGE(V)	220	q @50%(H,V)	56,7DEG

72 64 56 48 40 32 24 16 8 0 -8 -16 -24 -32 -40 -48 -56 -64 -72 -72 F t F a	AREA FLUX DIAGRAM																UNIT:lm				F t	F a
	0.12	0.21	0.30	0.39	0.47	0.52	0.56	0.59	0.59	0.59	0.59	0.56	0.51	0.45	0.37	0.28	0.18	0.10	7.40	0.00		
	0.17	0.29	0.44	0.58	0.70	0.77	0.84	0.88	0.88	0.88	0.89	0.85	0.77	0.69	0.56	0.41	0.27	0.13	11.0	0.00		
	0.22	0.41	0.60	0.82	1.00	1.11	1.18	1.25	1.23	1.24	1.26	1.19	1.12	1.00	0.80	0.58	0.36	0.18	15.6	0.00		
	0.28	0.54	0.81	1.12	1.44	1.63	1.67	1.77	1.75	1.76	1.80	1.70	1.64	1.44	1.12	0.78	0.47	0.23	22.0	0.00		
	0.35	0.69	1.10	1.56	2.11	2.51	2.53	2.65	2.65	2.67	2.69	2.58	2.51	2.08	1.54	1.04	0.59	0.29	32.1	0.00		
	0.42	0.86	1.52	2.42	3.15	4.06	4.45	4.43	4.57	4.61	4.52	4.50	4.05	3.09	2.27	1.39	0.73	0.34	51.4	0.00		
	0.49	1.05	2.12	4.26	6.75	7.15	8.24	8.43	8.37	8.49	8.69	8.43	7.07	6.24	3.78	1.87	0.88	0.39	92.7	0.00		
	0.54	1.24	2.87	7.23	16.1	24.7	21.9	18.0	17.6	18.2	19.2	22.1	23.6	14.3	6.23	2.46	1.03	0.43	218	141		
	0.59	1.41	3.63	10.7	29.0	59.5	87.5	82.4	73.4	81.4	86.4	85.6	57.1	25.4	9.09	3.04	1.15	0.45	698	674		
	0.58	1.40	3.62	10.7	29.1	60.1	89.8	90.9	99.7	108	96.1	87.9	57.7	25.5	9.10	3.03	1.14	0.45	775	751		
	0.53	1.22	2.84	7.24	16.4	26.0	25.8	24.6	25.2	26.1	26.2	26.2	24.9	14.6	6.22	2.42	1.01	0.41	258	208		
	0.47	1.01	2.06	4.23	7.02	8.11	9.81	9.94	10.3	10.4	10.3	10.0	7.97	6.44	3.73	1.81	0.84	0.37	105	0.00		
	0.39	0.80	1.44	2.33	3.19	4.34	4.72	4.50	4.64	4.69	4.60	4.76	4.27	3.08	2.16	1.30	0.68	0.31	52.2	0.00		
	0.32	0.62	0.99	1.43	2.00	2.46	2.48	2.56	2.56	2.57	2.59	2.50	2.43	1.95	1.39	0.93	0.53	0.26	30.6	0.00		
	0.25	0.46	0.68	0.97	1.28	1.48	1.51	1.59	1.55	1.56	1.61	1.53	1.48	1.27	0.97	0.66	0.40	0.20	19.5	0.00		
	0.19	0.33	0.48	0.66	0.83	0.92	0.98	1.01	0.97	0.97	1.02	0.99	0.93	0.83	0.66	0.46	0.29	0.15	12.7	0.00		
	0.13	0.22	0.33	0.44	0.53	0.58	0.62	0.64	0.60	0.61	0.64	0.63	0.59	0.53	0.43	0.31	0.20	0.10	8.12	0.00		
	0.08	0.13	0.20	0.27	0.32	0.35	0.37	0.38	0.36	0.36	0.38	0.38	0.35	0.31	0.26	0.19	0.12	0.06	4.86	0.00		
	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72			
	6.13	12.9	26.0	57.3	122	206	265	256	257	275	269	262	199	109	50.7	22.9	10.9	4.85	2413	---		
	0.00	0.00	0.00	8.56	81.9	166	215	206	206	225	221	213	159	67.5	3.61	0.00	0.00	0.00	---	1773		

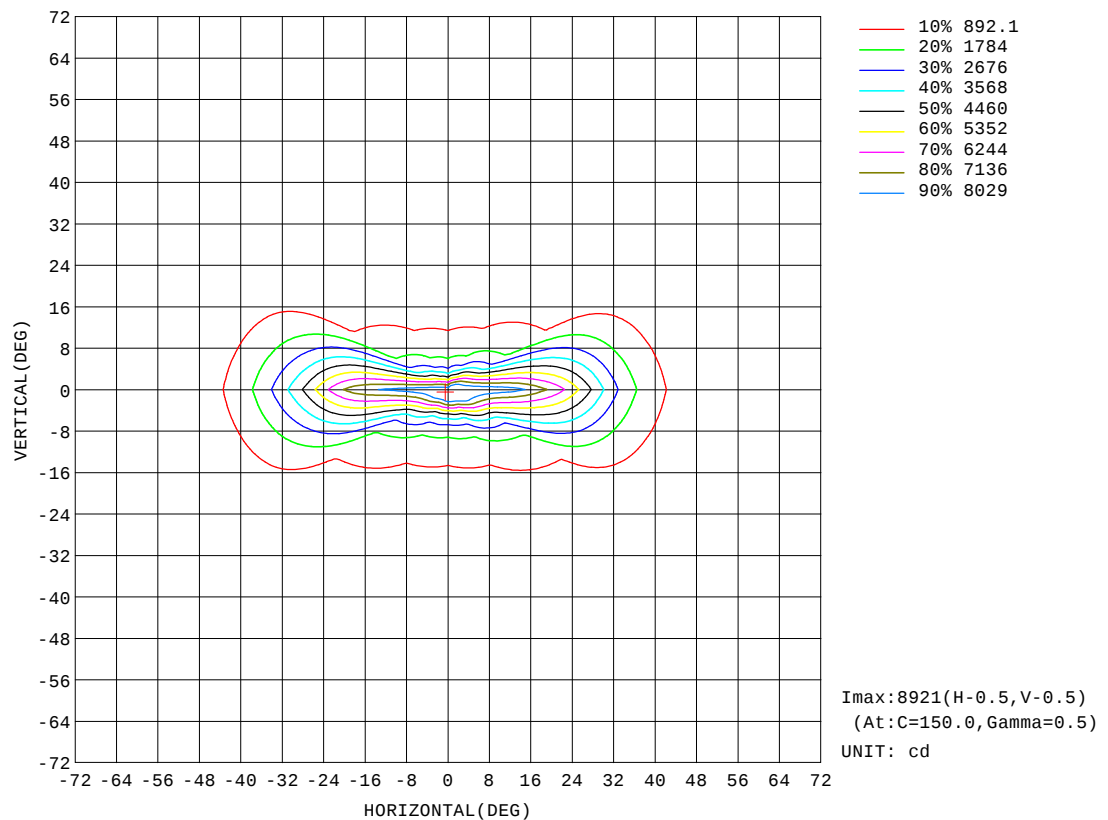
one-half-peak spread: U:3.7,D:3.4 , L:31.3,R:24.1 Beam Type: Type 5 x 2 (H x V)

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-01

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:DecoHody-330mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:330mm	SERIAL No.:IES001630
MFR.:	SUR.:	Shielding Angle:

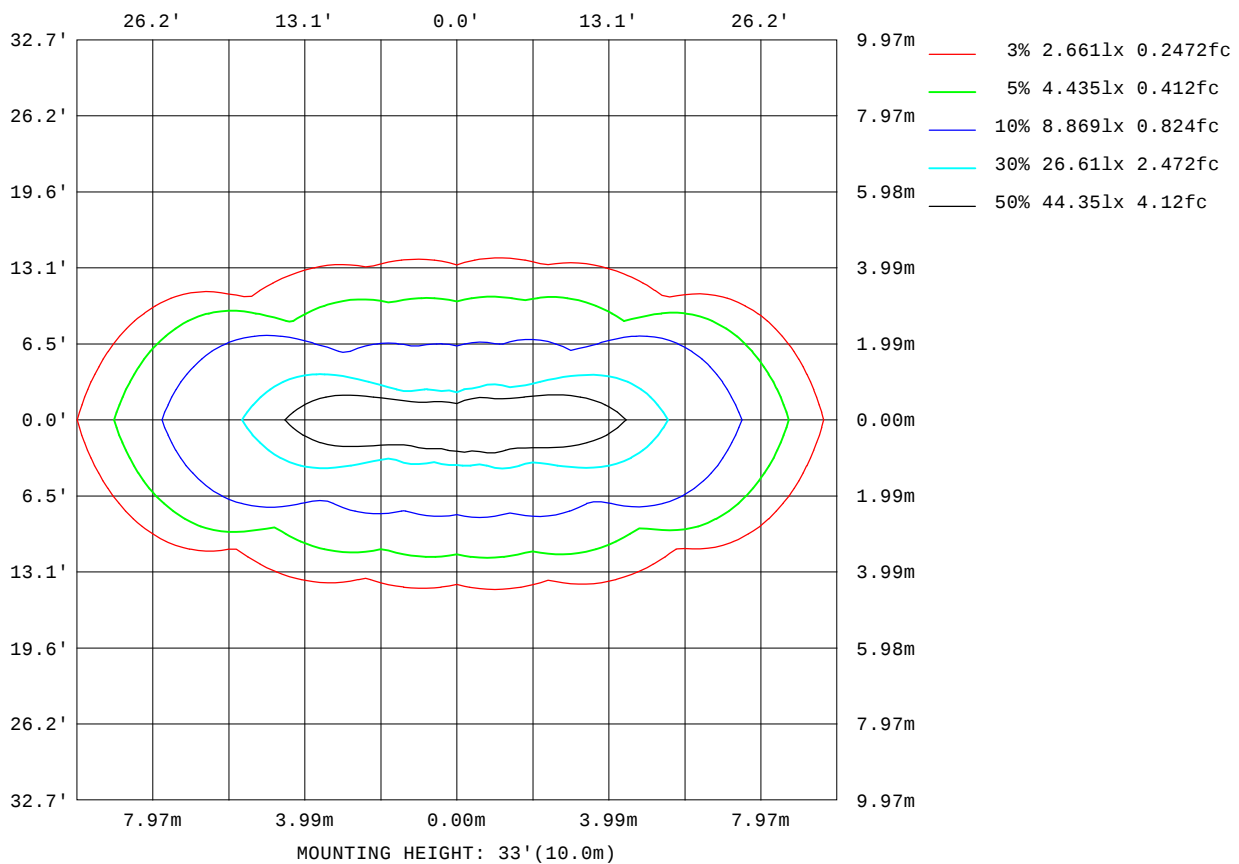


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Test Speed: LOW
Temperature:25.3DEG
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Test Date:2023-09-01

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Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

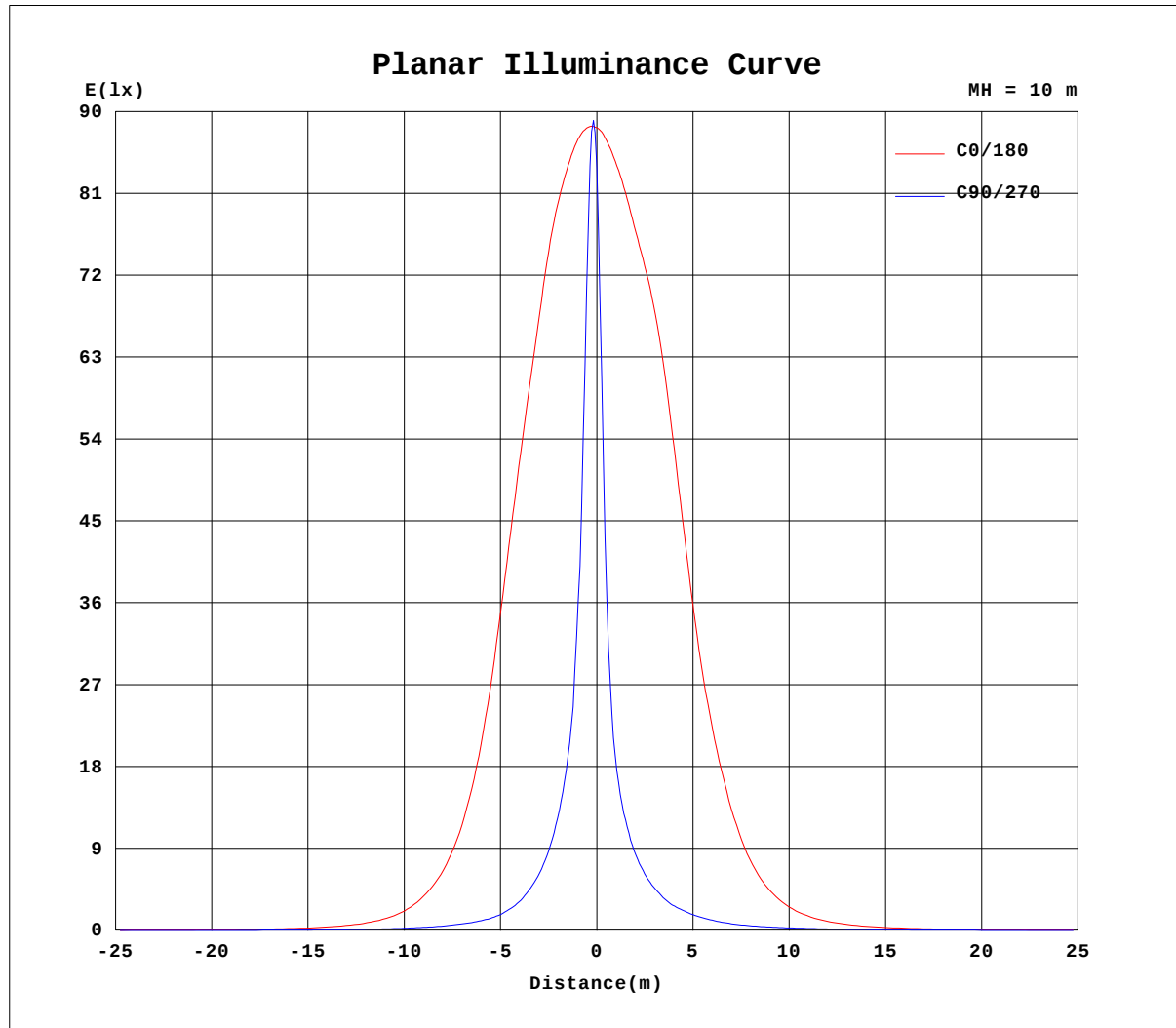
NAME:DecoHody-330mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:330mm	SERIAL No.:IES001630
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-01

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

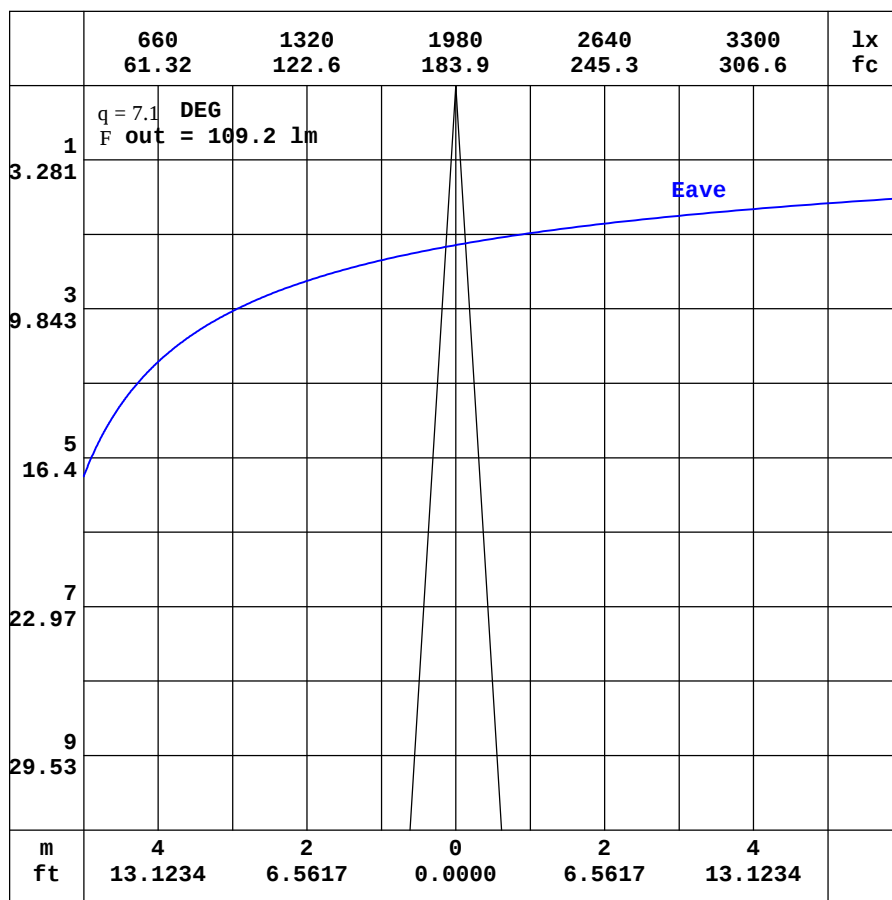


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-01

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:DecoHody-330mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:330mm	SERIAL No.:IES001630
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:2023-09-01

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:DecoHody-330mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.: 330mm	SERIAL No.:IES001630
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	9.85	8.91	8.36	8.26	8.46	9.03	9.88	10.9	12.0	12.9	13.7	14.3	14.6	14.6	14.4	14.1	13.9	13.6	11.8
-170	9.85	8.75	8.07	7.81	7.82	8.12	8.60	9.18	9.77	10.3	10.7	11.1	11.4	11.7	11.8	12.2	13.2	14.2	15.6
-160	9.85	8.62	7.81	7.38	7.18	7.19	7.29	7.42	7.53	7.58	7.57	7.58	7.75	8.81	9.95	11.1	12.2	13.0	13.4
-150	9.85	8.51	7.58	6.98	6.59	6.32	6.10	5.83	5.50	5.09	4.75	5.16	5.71	6.36	7.07	7.81	8.55	9.08	9.31
-140	9.85	8.44	7.40	6.63	6.08	5.58	5.12	4.59	3.94	3.64	3.62	3.64	3.73	3.88	4.06	4.45	4.76	4.95	4.96
-130	9.85	8.40	7.27	6.37	5.64	5.01	4.38	3.72	3.39	3.27	3.09	2.85	2.59	2.32	2.28	2.29	2.28	2.22	2.11
-120	9.85	8.40	7.21	6.20	5.34	4.56	3.84	3.31	3.31	3.26	3.14	2.97	2.75	2.52	2.33	2.16	2.00	1.87	1.75
-110	9.85	8.45	7.22	6.13	5.15	4.26	3.43	3.22	3.27	3.31	3.31	3.29	3.25	3.22	3.22	3.23	3.25	3.28	3.31
-100	9.85	8.54	7.31	6.16	5.08	4.06	3.08	3.08	3.14	3.20	3.26	3.32	3.37	3.39	3.40	3.42	3.43	3.44	3.45
-90	9.85	8.68	7.50	6.33	5.15	3.98	2.80	2.83	2.86	2.89	2.92	2.95	2.98	3.01	3.03	3.05	3.07	3.10	3.12
-80	9.85	8.86	7.81	6.70	5.64	4.82	4.29	4.86	5.46	5.89	6.27	6.48	6.55	6.76	6.89	6.92	6.87	6.75	6.56
-70	9.85	9.10	8.37	8.23	9.30	10.7	11.6	13.1	14.6	15.9	16.8	17.2	17.1	17.3	17.5	17.4	17.0	16.3	15.3
-60	9.85	9.38	9.47	12.4	16.1	19.6	22.4	25.1	28.3	30.9	32.7	33.7	33.8	33.5	33.9	33.6	32.8	31.3	29.3
-50	9.85	9.76	11.9	17.8	24.4	31.4	37.0	40.8	45.0	50.4	55.2	58.7	60.2	58.8	59.2	59.6	58.6	56.2	52.5
-40	9.85	10.2	14.9	24.0	34.4	44.9	54.8	63.2	70.2	80.5	92.7	103	109	108	99.7	104	105	102	96.2
-30	9.85	10.6	17.8	29.9	44.5	60.0	76.4	94.7	117	140	153	182	209	224	214	189	200	200	185
-20	9.85	11.0	20.4	35.7	54.3	75.9	101	137	193	275	376	450	405	479	531	531	489	521	496
-10	9.85	11.4	22.5	40.5	62.4	90.4	126	185	297	502	838	1323	1810	2103	1921	1458	1622	1533	1598
0	9.85	11.6	23.7	43.4	68.2	101	146	225	392	734	1365	2424	3833	5575	7176	7927	8266	8605	8822
10	9.85	11.6	22.9	41.2	63.6	92.2	129	187	299	502	831	1302	1761	1992	1690	1064	1146	1059	1041
20	9.85	11.4	21.4	37.2	56.5	79.3	106	142	198	279	373	429	357	410	448	450	420	428	394
30	9.85	11.2	19.2	32.0	47.6	64.6	82.7	102	125	147	158	182	201	212	208	192	203	204	193
40	9.85	11.0	16.6	26.6	38.1	50.3	62.1	72.6	81.3	91.3	103	112	116	115	106	110	111	109	103
50	9.85	10.8	14.0	20.8	28.8	36.9	44.7	50.7	56.3	62.0	66.7	69.9	71.0	69.2	70.1	71.0	70.8	69.2	66.5
60	9.85	10.5	11.8	15.8	20.7	25.7	30.0	33.9	38.1	41.1	43.2	44.5	44.7	44.7	45.8	46.3	46.2	45.5	44.2
70	9.85	10.2	10.8	12.0	14.4	16.9	19.1	21.2	23.1	24.7	25.8	26.6	26.7	27.1	27.5	27.5	27.2	26.7	25.9
80	9.85	9.98	10.1	10.4	10.8	11.4	12.1	12.7	13.2	13.6	13.9	14.1	14.2	14.4	14.6	14.7	14.6	14.6	14.4
90	9.85	9.78	9.71	9.63	9.56	9.48	9.41	9.30	9.20	9.09	8.98	8.88	8.77	8.72	8.68	8.63	8.59	8.54	8.50
100	9.85	9.59	9.34	9.10	8.87	8.65	8.43	8.18	7.92	7.67	7.44	7.23	7.02	6.95	6.90	6.86	6.83	6.80	6.78
110	9.85	9.42	9.02	8.67	8.35	8.06	7.79	7.55	7.34	7.17	7.01	6.85	6.69	6.63	6.60	6.58	6.55	6.52	6.49
120	9.85	9.27	8.77	8.36	8.02	7.77	7.63	7.55	7.51	7.45	7.37	7.27	7.16	7.07	7.08	7.07	7.02	6.92	6.76
130	9.85	9.14	8.59	8.16	7.90	7.80	7.86	8.04	8.23	8.39	8.58	8.81	9.09	9.41	9.69	9.90	10.1	10.2	10.1
140	9.85	9.04	8.46	8.07	7.95	8.02	8.30	8.74	9.30	9.86	10.4	11.1	11.9	12.7	13.5	14.6	15.5	16.1	16.7
150	9.85	8.98	8.38	8.08	8.06	8.33	8.82	9.52	10.3	11.2	12.2	13.2	14.2	15.2	16.2	17.0	17.6	17.9	18.1
160	9.85	8.93	8.35	8.13	8.22	8.63	9.32	10.2	11.2	12.3	13.3	14.4	15.5	16.5	17.3	17.9	18.4	18.7	19.1
170	9.85	8.91	8.34	8.19	8.36	8.88	9.69	10.7	11.7	12.8	13.8	14.7	15.5	16.2	16.7	17.0	17.1	17.3	18.8
180	9.85	8.91	8.36	8.26	8.46	9.03	9.88	10.9	12.0	12.9	13.7	14.3	14.6	14.6	14.4	14.1	13.9	13.6	11.8

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-01

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:DecoHody-330mm-3000K-0655D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:6X55 DEG	DIM.:330mm	SERIAL No.:IES001630
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	12.3	11.5	10.5	9.62	8.93	8.27	7.57	6.89	6.19	5.51	4.86	4.30	3.87	3.54	3.26	3.03	2.80	2.60	
-170	15.5	14.3	13.3	11.9	10.4	9.00	7.84	6.86	6.02	5.30	4.69	4.20	3.81	3.51	3.26	3.03	2.81	2.60	
-160	13.3	12.8	11.8	10.8	9.62	8.53	7.34	6.33	5.54	4.92	4.41	4.01	3.70	3.46	3.26	3.03	2.81	2.60	
-150	9.34	9.09	8.61	7.92	7.19	6.48	5.86	5.38	4.87	4.44	4.07	3.79	3.58	3.39	3.21	3.01	2.80	2.60	
-140	5.17	5.19	5.06	4.83	4.60	4.39	4.25	4.17	4.10	3.95	3.76	3.60	3.46	3.33	3.15	2.98	2.78	2.60	
-130	2.36	2.56	2.71	2.82	2.94	3.14	3.33	3.45	3.53	3.57	3.54	3.46	3.38	3.24	3.09	2.93	2.76	2.60	
-120	1.95	2.16	2.37	2.59	2.80	3.02	3.21	3.34	3.42	3.45	3.43	3.37	3.26	3.14	3.02	2.87	2.73	2.60	
-110	3.32	3.34	3.37	3.40	3.44	3.50	3.52	3.51	3.47	3.40	3.30	3.22	3.13	3.02	2.92	2.82	2.70	2.60	
-100	3.47	3.48	3.49	3.49	3.50	3.48	3.41	3.33	3.26	3.18	3.11	3.04	2.98	2.91	2.83	2.75	2.67	2.60	
-90	3.08	3.04	3.01	2.97	2.93	2.89	2.89	2.89	2.88	2.88	2.87	2.87	2.83	2.78	2.74	2.69	2.65	2.60	
-80	6.67	6.71	6.68	6.58	6.40	6.17	6.00	5.71	5.30	4.84	4.29	3.70	3.13	2.83	2.80	2.74	2.66	2.60	
-70	16.3	17.0	17.5	17.7	17.5	17.2	17.0	16.4	15.4	13.9	12.1	10.2	8.09	5.90	3.92	2.80	2.72	2.60	
-60	31.4	33.0	34.0	34.3	34.0	34.1	33.6	32.1	29.9	27.0	23.7	20.3	16.1	11.7	7.34	3.86	2.76	2.60	
-50	56.4	59.0	60.2	60.0	59.5	60.5	59.1	55.7	50.4	44.1	38.1	32.5	26.2	18.9	11.8	5.91	2.78	2.60	
-40	103	106	105	101	108	107	101	91.3	79.9	69.0	58.1	47.3	37.2	27.0	16.9	8.19	2.89	2.60	
-30	202	204	194	215	222	204	177	148	131	108	84.6	65.0	48.9	35.1	21.7	10.5	3.23	2.60	
-20	531	506	548	541	480	398	416	337	241	169	119	84.5	60.7	42.3	26.0	12.4	3.60	2.60	
-10	1604	1759	1555	1930	2074	1680	1159	731	426	251	158	103	71.1	48.1	29.4	13.8	3.85	2.60	
0	8834	8591	8003	6932	5434	3600	2115	1174	611	325	189	117	78.0	51.9	31.2	14.5	3.95	2.60	
10	1106	1238	1133	1690	1963	1633	1141	726	427	254	161	105	72.6	49.2	30.0	14.2	4.07	2.60	
20	436	432	463	458	414	356	399	336	246	174	124	88.5	63.7	44.4	27.3	13.2	4.03	2.60	
30	205	205	196	210	213	200	179	155	139	116	91.7	70.6	53.1	38.0	23.6	11.7	3.86	2.60	
40	110	113	113	109	116	116	111	102	90.9	79.3	66.6	54.0	42.2	30.5	19.2	9.74	3.70	2.60	
50	69.5	71.3	71.8	70.9	70.0	71.2	70.1	66.6	61.1	54.2	47.2	39.6	31.5	22.7	14.6	7.81	3.72	2.60	
60	45.5	46.3	46.5	46.1	45.1	44.8	44.0	42.2	39.5	36.0	32.0	27.1	21.4	15.8	10.5	6.05	3.79	2.60	
70	26.7	27.2	27.5	27.4	26.9	26.2	25.7	24.7	23.3	21.4	19.4	17.0	13.7	10.6	7.48	5.14	3.81	2.60	
80	14.4	14.4	14.2	14.0	13.7	13.4	13.1	12.8	12.5	12.1	11.7	11.2	9.39	7.72	6.33	5.03	3.78	2.60	
90	8.53	8.57	8.60	8.64	8.68	8.71	8.84	8.96	9.08	9.20	9.33	9.45	8.31	7.17	6.03	4.89	3.75	2.60	
100	6.81	6.84	6.88	6.93	6.99	7.06	7.23	7.42	7.62	7.84	8.08	8.26	7.46	6.62	5.72	4.76	3.71	2.60	
110	6.56	6.63	6.69	6.74	6.78	6.86	6.99	7.11	7.23	7.36	7.52	7.45	6.81	6.13	5.40	4.59	3.66	2.60	
120	7.02	7.22	7.36	7.44	7.50	7.57	7.64	7.69	7.70	7.69	7.66	7.08	6.39	5.74	5.11	4.40	3.58	2.60	
130	10.3	10.4	10.3	10.2	10.0	9.68	9.36	9.09	8.86	8.62	8.02	6.99	6.13	5.45	4.83	4.21	3.49	2.60	
140	16.4	15.9	15.3	14.4	13.4	12.6	11.7	11.0	10.4	9.48	8.10	6.91	5.94	5.17	4.56	4.01	3.38	2.60	
150	18.1	18.0	17.7	17.0	16.1	15.0	13.8	12.8	11.0	9.31	7.86	6.65	5.66	4.87	4.28	3.78	3.25	2.60	
160	19.1	19.1	18.7	18.1	17.3	16.3	14.1	12.0	10.2	8.58	7.23	6.12	5.21	4.51	3.99	3.55	3.11	2.60	
170	19.0	18.6	18.5	17.0	15.0	13.1	11.4	9.90	8.51	7.27	6.20	5.31	4.60	4.06	3.64	3.30	2.96	2.60	
180	12.3	11.5	10.5	9.62	8.93	8.27	7.57	6.89	6.19	5.51	4.86	4.30	3.87	3.54	3.26	3.03	2.80	2.60	

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

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-09-01

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: