

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1341.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	70.2V x 72.3H
	At 50% of Imax	52.2V x 52.8H
	At 90% of Imax	34.0V x 33.7H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	912.4 lumens per klm.
	To 50% of Imax	727.0 lumens per klm.
	To 90% of Imax	374.2 lumens per klm.

Upward LOR	2.4 %
Downward LOR	97.6 %

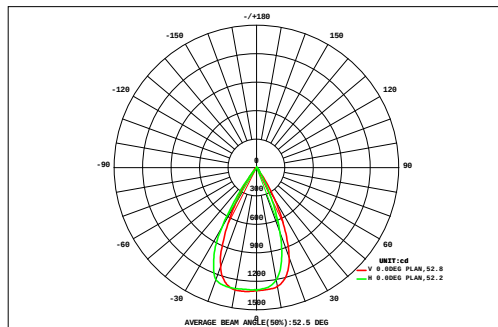
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-24

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:Nuit 60-60mm-3000K-55D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:55 DEG	DIM.:60MM	SERIAL No.:IES001931
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:93.18lm/W	
MODEL		Imax(cd)	1312
NOMINAL POWER(W)	10.5	AVAILABILITY(%)	91.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	893.0
NOMINAL FLUX(lm)	978.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	978.4
TEST VOLTAGE(V)	220	q @50%(H,V)	53,52DEG

		AREA FLUX DIAGRAM															UNIT:lm				F t	F a
VERTICAL (DEG)	72	0.04	0.06	0.09	0.11	0.14	0.16	0.18	0.19	0.19	0.19	0.18	0.17	0.15	0.12	0.10	0.08	0.05	0.03	2.22	0.00	
	64	0.05	0.07	0.10	0.13	0.16	0.20	0.23	0.25	0.26	0.25	0.24	0.21	0.18	0.15	0.12	0.09	0.06	0.03	2.76	0.00	
	56	0.05	0.08	0.11	0.16	0.21	0.28	0.35	0.40	0.42	0.41	0.37	0.31	0.24	0.18	0.14	0.10	0.06	0.03	3.91	0.00	
	48	0.05	0.09	0.13	0.20	0.30	0.43	0.59	0.70	0.75	0.73	0.64	0.51	0.36	0.25	0.17	0.11	0.06	0.03	6.08	0.00	
	40	0.06	0.10	0.15	0.26	0.43	0.70	1.03	1.34	1.52	1.44	1.18	0.86	0.55	0.34	0.20	0.11	0.06	0.03	10.4	0.00	
	32	0.06	0.10	0.18	0.34	0.65	1.28	2.53	4.23	5.33	5.07	3.59	1.90	0.91	0.46	0.23	0.11	0.06	0.03	27.1	19.5	
	24	0.06	0.11	0.21	0.42	1.02	2.95	7.05	11.5	14.0	13.6	10.4	5.62	1.97	0.62	0.23	0.10	0.05	0.02	70.0	65.4	
		0.06	0.12	0.23	0.50	1.77	6.13	13.5	19.7	22.0	21.6	18.2	11.4	4.60	1.03	0.22	0.08	0.04	0.02	121	118	
		0.06	0.12	0.23	0.56	2.64	9.36	18.6	23.8	24.9	24.7	22.7	16.5	7.65	1.63	0.19	0.05	0.02	0.01	154	151	
		0.06	0.11	0.21	0.54	3.13	11.1	20.4	24.4	25.1	25.1	23.8	18.6	9.07	1.89	0.14	0.03	0.02	0.01	164	161	
		0.05	0.09	0.16	0.39	2.75	10.6	19.8	24.0	25.1	25.1	23.6	17.5	8.07	1.43	0.09	0.03	0.02	0.01	159	157	
	-24	0.05	0.07	0.11	0.20	1.51	7.32	15.7	21.6	23.8	23.6	20.3	13.1	4.81	0.59	0.04	0.02	0.01	0.01	133	131	
	-32	0.04	0.05	0.07	0.07	0.38	2.67	8.03	13.8	16.8	16.1	11.8	5.76	1.33	0.08	0.02	0.02	0.01	0.01	77.1	75.0	
	-40	0.03	0.04	0.04	0.02	0.05	0.28	1.53	3.63	5.12	4.71	2.67	0.71	0.06	0.02	0.01	0.01	0.01	0.01	19.0	15.3	
	-48	0.03	0.03	0.02	0.01	0.02	0.02	0.03	0.07	0.12	0.08	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.53	0.00	
	-56	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.18	0.00	
-64	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.13	0.00		
-72	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.13	0.00		
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
F t	0.81	1.30	2.06	3.95	15.2	53.5	110	150	166	163	140	93.2	40.0	8.83	1.94	0.95	0.55	0.30	950	---		
F a	0.00	0.00	0.00	0.00	8.36	48.9	106	146	162	159	136	89.1	35.4	3.06	0.00	0.00	0.00	0.00	---	893		

one-half-peak spread: U:18.6,D:21.2 , L:20.8,R:32.2

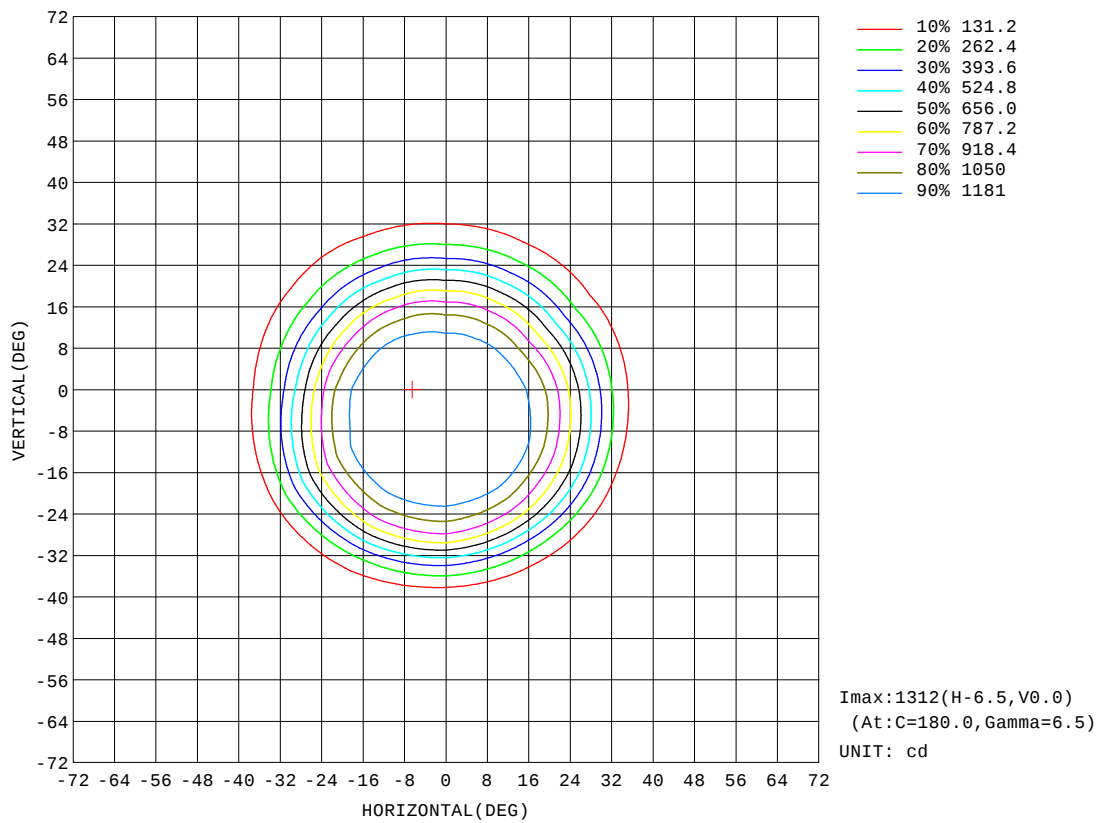
NEMA Beam Type: Type 5

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-10-24

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:Nuit 60-60mm-3000K-55D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:55 DEG	DIM.:60MM	SERIAL No.:IES001931
MFR.:	SUR.:	Shielding Angle:

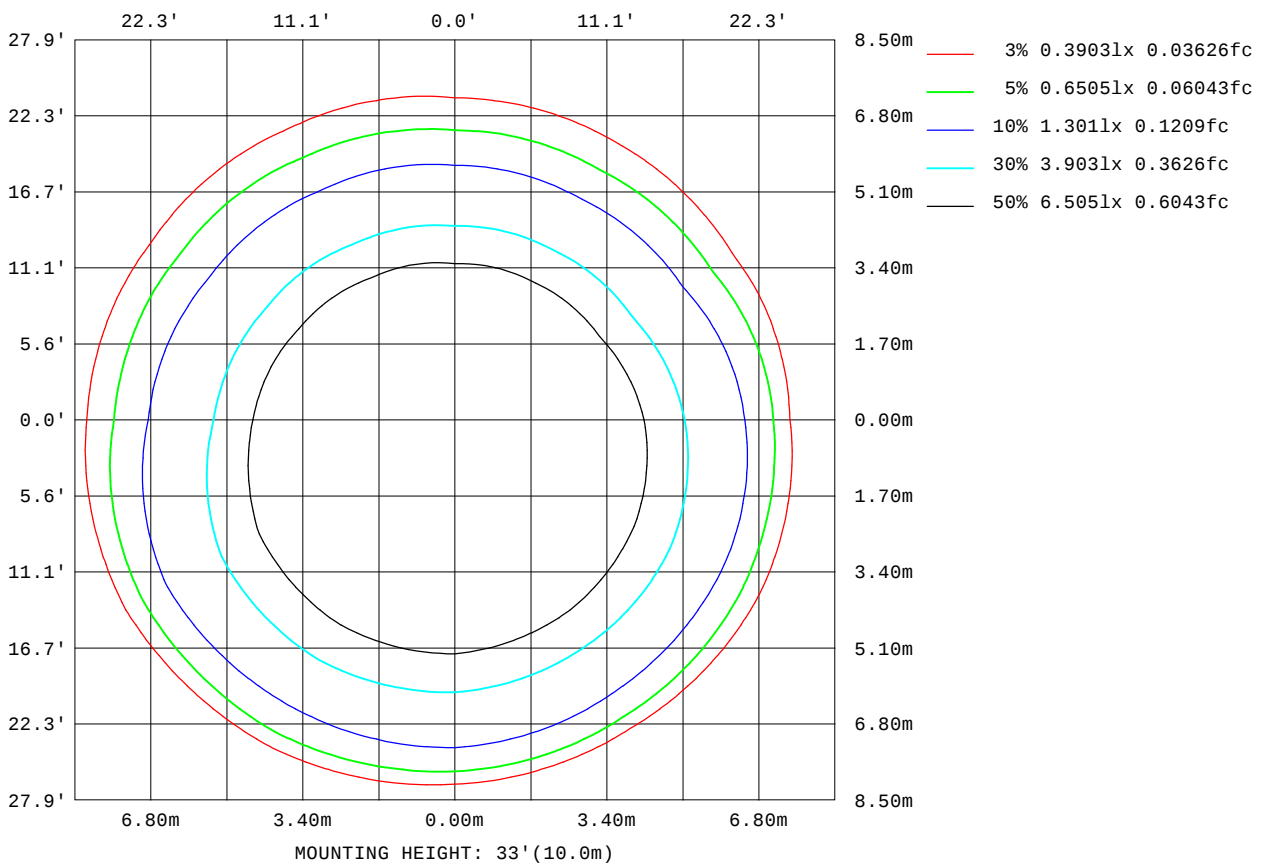


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-24

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

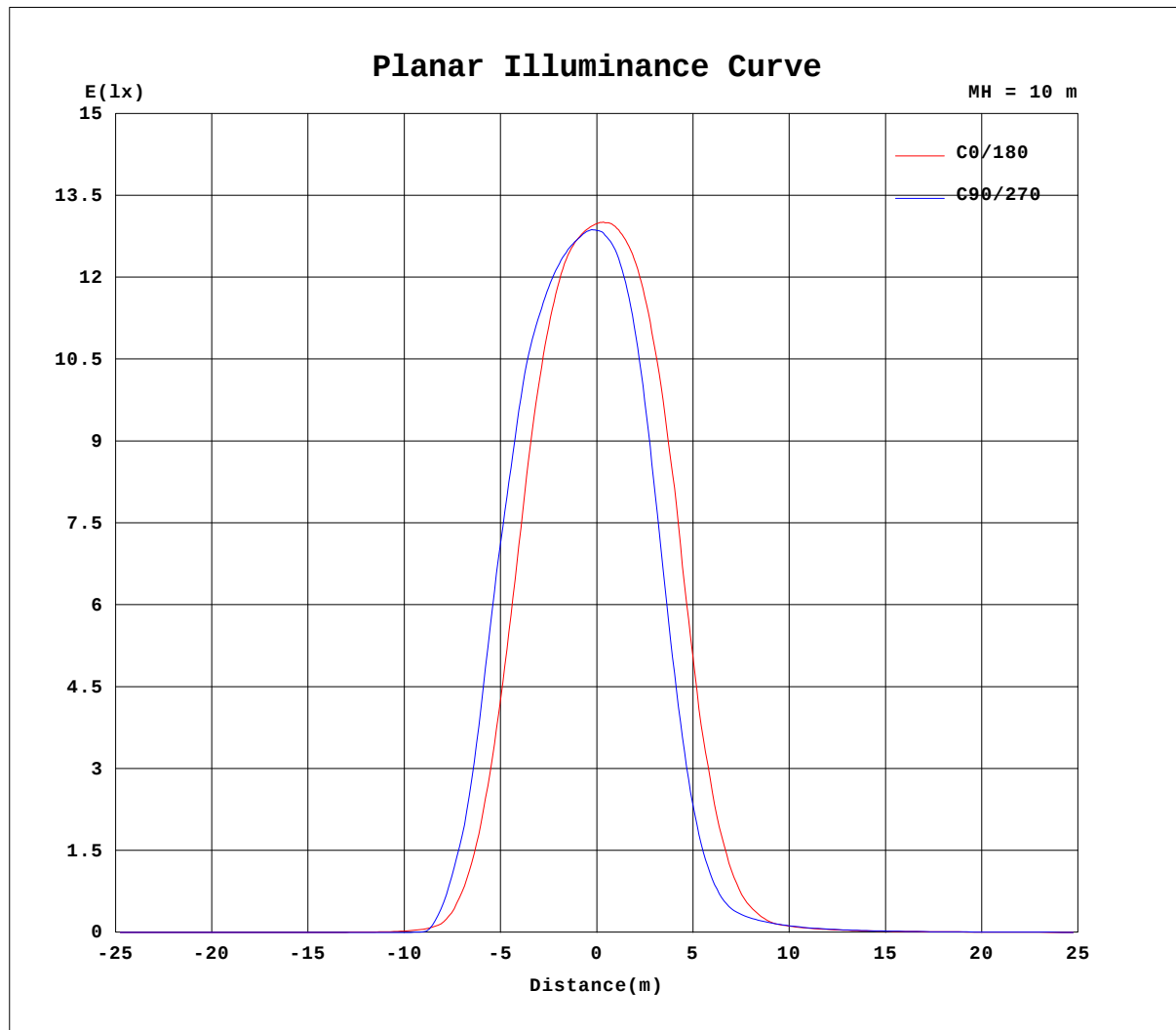
NAME:Nuit 60-60mm-3000K-55D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:55 DEG	DIM.:60MM	SERIAL No.:IES001931
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-24

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

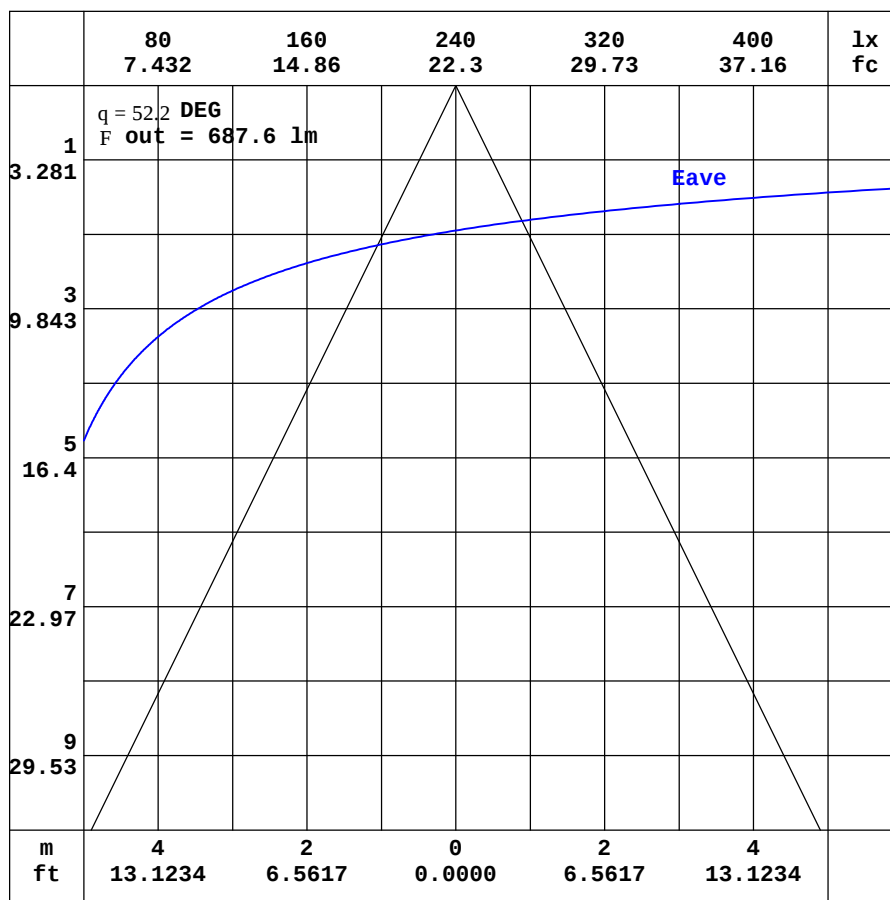


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-24

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:Nuit 60-60mm-3000K-55D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:55 DEG	DIM.:60MM	SERIAL No.:IES001931
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:2023-10-24

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:Nuit 60-60mm-3000K-55D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:55 DEG	DIM.:60MM	SERIAL No.:IES001931
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	3.68	3.12	2.89	2.83	2.92	3.23	3.76	4.45	5.22	6.02	6.79	7.50	8.09	8.45	8.45	8.28	8.07	7.95	7.67
-170	3.68	3.07	2.81	2.70	2.73	2.92	3.26	3.68	4.12	4.56	4.95	5.29	5.52	5.59	5.47	5.46	5.88	6.24	6.58
-160	3.68	3.03	2.74	2.58	2.53	2.58	2.73	2.88	3.01	3.10	3.11	3.05	3.01	3.59	4.15	4.66	5.07	5.37	5.54
-150	3.68	3.01	2.68	2.47	2.35	2.29	2.26	2.21	2.09	1.88	1.68	1.94	2.26	2.63	3.00	3.36	3.66	3.87	3.97
-140	3.68	2.99	2.64	2.38	2.21	2.06	1.91	1.74	1.49	1.39	1.43	1.52	1.65	1.80	1.96	2.15	2.30	2.41	2.46
-130	3.68	2.98	2.61	2.32	2.09	1.90	1.71	1.48	1.37	1.37	1.37	1.38	1.38	1.38	1.43	1.49	1.54	1.58	1.60
-120	3.68	3.01	2.59	2.28	2.02	1.79	1.57	1.41	1.41	1.40	1.40	1.41	1.41	1.40	1.39	1.38	1.38	1.38	1.38
-110	3.68	3.07	2.60	2.25	1.97	1.70	1.48	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
-100	3.68	3.15	2.69	2.27	1.91	1.60	1.31	1.30	1.31	1.32	1.33	1.34	1.34	1.35	1.37	1.38	1.39	1.40	1.41
-90	3.68	3.25	2.82	2.40	1.97	1.54	1.11	1.11	1.10	1.09	1.08	1.08	1.07	1.07	1.08	1.09	1.09	1.10	1.10
-80	3.68	3.37	3.00	2.57	2.09	1.55	0.96	0.87	0.84	0.80	0.77	0.74	0.71	0.70	0.69	0.69	0.69	0.69	0.70
-70	3.68	3.50	3.21	2.82	2.31	1.69	0.95	0.65	0.59	0.57	0.53	0.48	0.41	0.37	0.36	0.36	0.36	0.36	0.37
-60	3.68	3.64	3.47	3.15	2.69	2.04	1.30	0.67	0.66	0.61	0.54	0.46	0.41	0.36	0.36	0.35	0.32	0.28	0.24
-50	3.68	3.78	3.76	3.58	3.23	2.79	2.16	1.28	0.83	0.85	0.84	0.80	0.77	0.72	0.70	0.69	0.65	0.60	0.53
-40	3.68	3.94	4.09	4.11	4.04	3.84	3.42	2.77	1.72	1.21	1.28	1.52	1.97	2.75	3.19	4.0	32.0	48.6	48.4
-30	3.68	4.10	4.45	4.72	4.98	5.15	5.21	5.06	4.55	3.62	3.45	12.4	54.4	162	311	493	635	724	748
-20	3.68	4.25	4.82	5.40	6.04	6.71	7.47	8.20	9.26	11.3	26.4	104	317	598	875	1071	1198	1244	1256
-10	3.68	4.39	5.17	6.06	7.11	8.35	9.93	11.9	15.4	23.1	64.4	215	501	844	1131	1243	1281	1293	1295
0	3.68	4.51	5.48	6.65	8.09	9.87	12.3	15.7	21.6	33.2	75.1	208	471	813	1110	1260	1309	1311	1299
10	3.68	4.53	5.51	6.67	8.07	9.79	12.1	15.5	21.4	32.0	58.6	139	309	559	830	1047	1167	1207	1202
20	3.68	4.52	5.47	6.57	7.87	9.42	11.4	14.3	19.2	26.9	40.9	68.2	124	232	379	529	654	722	725
30	3.68	4.48	5.37	6.36	7.51	8.84	10.4	12.5	15.8	20.9	28.1	39.0	53.3	71.6	98.3	129	165	187	185
40	3.68	4.42	5.23	6.10	7.08	8.15	9.35	10.7	12.5	15.1	18.9	23.6	29.0	35.4	41.8	46.0	49.6	51.1	50.5
50	3.68	4.35	5.06	5.79	6.56	7.40	8.30	9.24	10.3	11.4	12.8	14.7	16.9	19.3	21.5	23.0	24.1	24.8	24.7
60	3.68	4.26	4.84	5.43	6.04	6.66	7.30	7.95	8.58	9.22	9.85	10.5	11.1	11.7	12.2	12.6	12.9	13.1	13.1
70	3.68	4.15	4.60	5.07	5.53	5.97	6.42	6.82	7.21	7.60	7.98	8.33	8.65	8.89	9.06	9.20	9.29	9.33	9.33
80	3.68	4.03	4.36	4.69	5.01	5.34	5.65	5.91	6.15	6.38	6.60	6.81	7.01	7.10	7.17	7.23	7.28	7.31	7.34
90	3.68	3.89	4.10	4.31	4.52	4.73	4.94	5.08	5.23	5.38	5.52	5.67	5.82	5.85	5.88	5.91	5.94	5.98	6.01
100	3.68	3.75	3.84	3.93	4.04	4.15	4.24	4.29	4.35	4.41	4.49	4.58	4.69	4.68	4.67	4.67	4.69	4.71	4.74
110	3.68	3.63	3.61	3.64	3.65	3.60	3.51	3.43	3.45	3.50	3.58	3.67	3.75	3.76	3.76	3.79	3.84	3.90	3.98
120	3.68	3.50	3.45	3.40	3.27	3.11	2.96	2.90	3.02	3.17	3.32	3.43	3.55	3.73	3.90	4.04	4.15	4.23	4.28
130	3.68	3.39	3.31	3.17	3.00	2.88	2.87	3.04	3.30	3.61	3.96	4.31	4.66	4.99	5.28	5.51	5.70	5.83	5.90
140	3.68	3.32	3.18	2.99	2.87	2.88	3.09	3.43	3.86	4.36	4.87	5.39	5.88	6.36	6.77	7.12	7.39	7.58	7.68
150	3.68	3.26	3.07	2.90	2.85	3.00	3.35	3.85	4.44	5.08	5.74	6.40	7.01	7.56	8.03	8.39	8.61	8.76	8.86
160	3.68	3.21	2.99	2.86	2.87	3.13	3.59	4.20	4.90	5.65	6.40	7.11	7.69	8.17	8.50	8.62	8.61	8.62	8.68
170	3.68	3.16	2.93	2.84	2.91	3.22	3.74	4.41	5.17	5.97	6.76	7.46	8.02	8.38	8.46	8.36	8.16	8.01	8.09
180	3.68	3.12	2.89	2.83	2.92	3.23	3.76	4.45	5.22	6.02	6.79	7.50	8.09	8.45	8.45	8.28	8.07	7.95	7.68

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-24

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:Nuit 60-60mm-3000K-55D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:55 DEG	DIM.:60MM	SERIAL No.:IES001931
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	7.26	6.72	6.21	5.70	5.05	4.31	3.55	2.85	2.26	1.80	1.49	1.32	1.32	1.35	1.36	1.34	1.28	1.17
-170	6.38	6.17	5.84	5.34	4.71	4.02	3.33	2.69	2.14	1.73	1.46	1.33	1.33	1.35	1.36	1.34	1.28	1.17
-160	5.46	5.26	4.92	4.47	3.93	3.37	2.81	2.30	1.89	1.59	1.40	1.33	1.33	1.35	1.36	1.34	1.28	1.17
-150	3.95	3.81	3.57	3.24	2.87	2.50	2.15	1.85	1.61	1.44	1.35	1.33	1.34	1.35	1.36	1.33	1.27	1.17
-140	2.45	2.39	2.26	2.10	1.93	1.77	1.62	1.49	1.41	1.36	1.34	1.34	1.35	1.35	1.35	1.32	1.27	1.17
-130	1.59	1.56	1.53	1.47	1.42	1.39	1.37	1.36	1.35	1.34	1.34	1.35	1.35	1.35	1.35	1.31	1.25	1.17
-120	1.37	1.37	1.37	1.36	1.37	1.37	1.37	1.37	1.36	1.35	1.36	1.35	1.35	1.35	1.32	1.29	1.24	1.17
-110	1.41	1.41	1.41	1.40	1.40	1.39	1.38	1.37	1.37	1.36	1.35	1.35	1.34	1.32	1.29	1.26	1.21	1.17
-100	1.40	1.39	1.38	1.36	1.35	1.33	1.32	1.32	1.31	1.31	1.29	1.29	1.27	1.25	1.23	1.21	1.19	1.17
-90	1.10	1.10	1.10	1.09	1.09	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.16	1.16	1.16	1.16	1.17
-80	0.70	0.70	0.71	0.71	0.73	0.74	0.78	0.81	0.85	0.89	0.93	0.97	1.01	1.05	1.08	1.11	1.14	1.17
-70	0.36	0.37	0.38	0.39	0.40	0.43	0.48	0.53	0.59	0.65	0.71	0.80	0.89	0.95	0.99	1.06	1.12	1.17
-60	0.26	0.26	0.26	0.25	0.25	0.29	0.34	0.37	0.39	0.44	0.53	0.68	0.83	0.93	0.98	1.00	1.09	1.17
-50	0.56	0.57	0.57	0.53	0.48	0.54	0.56	0.54	0.53	0.51	0.49	0.65	0.82	0.94	1.00	0.99	1.07	1.17
-40	33.6	9.88	2.52	1.33	1.14	1.04	0.99	0.92	0.84	0.77	0.79	0.80	0.87	0.98	1.04	1.03	1.05	1.17
-30	676	543	368	211	81.8	9.93	2.54	1.44	1.31	1.22	1.11	1.06	1.00	1.06	1.09	1.06	1.03	1.17
-20	1227	1141	972	728	433	171	39.1	5.10	2.44	1.73	1.49	1.33	1.22	1.17	1.15	1.09	1.02	1.17
-10	1295	1276	1207	1003	697	367	116	18.7	4.88	2.45	1.85	1.59	1.42	1.30	1.22	1.12	1.01	1.17
0	1290	1273	1194	1009	697	379	136	25.5	7.48	3.23	2.16	1.82	1.59	1.42	1.29	1.15	1.01	1.17
10	1184	1107	938	705	449	224	82.7	26.2	12.4	7.04	4.70	3.50	2.71	2.16	1.74	1.40	1.12	1.17
20	697	597	458	300	160	77.7	41.6	23.8	14.7	9.42	6.59	4.86	3.66	2.80	2.14	1.62	1.23	1.17
30	173	141	103	74.5	54.4	38.4	28.3	20.9	14.6	10.3	7.63	5.75	4.34	3.29	2.47	1.81	1.33	1.17
40	49.1	45.9	41.3	35.7	29.0	23.5	18.9	15.1	12.5	10.2	7.94	6.14	4.72	3.59	2.69	1.95	1.43	1.17
50	24.0	22.8	21.0	18.9	16.6	14.4	12.6	11.2	10.0	8.98	7.70	6.12	4.80	3.72	2.81	2.03	1.50	1.17
60	12.8	12.4	11.9	11.4	10.8	10.2	9.54	8.88	8.21	7.55	6.89	5.79	4.67	3.69	2.83	2.09	1.57	1.17
70	9.20	9.03	8.82	8.56	8.29	7.97	7.57	7.16	6.74	6.32	5.90	5.29	4.38	3.53	2.77	2.14	1.61	1.17
80	7.22	7.09	6.95	6.80	6.63	6.45	6.20	5.92	5.63	5.33	5.02	4.68	3.97	3.32	2.71	2.15	1.63	1.17
90	5.89	5.76	5.64	5.52	5.40	5.28	5.06	4.85	4.63	4.42	4.21	3.99	3.52	3.05	2.58	2.11	1.64	1.17
100	4.62	4.51	4.40	4.31	4.22	4.14	3.97	3.81	3.66	3.52	3.40	3.28	3.03	2.74	2.42	2.05	1.63	1.17
110	3.84	3.71	3.58	3.47	3.37	3.30	3.28	3.23	3.16	3.07	2.95	2.77	2.55	2.41	2.23	1.97	1.61	1.17
120	4.26	4.21	4.13	4.02	3.87	3.70	3.52	3.33	3.17	3.05	2.91	2.67	2.44	2.22	2.03	1.87	1.59	1.17
130	5.88	5.79	5.65	5.45	5.19	4.88	4.54	4.19	3.84	3.51	3.12	2.66	2.34	2.12	1.93	1.76	1.54	1.17
140	7.64	7.52	7.30	7.01	6.61	6.16	5.68	5.17	4.66	4.00	3.25	2.67	2.28	2.01	1.83	1.66	1.51	1.17
150	8.85	8.78	8.64	8.28	7.84	7.31	6.73	6.09	5.01	3.99	3.17	2.57	2.16	1.89	1.73	1.59	1.45	1.17
160	8.66	8.74	8.80	8.69	8.42	7.97	6.86	5.67	4.55	3.60	2.84	2.30	1.95	1.75	1.61	1.52	1.39	1.17
170	7.86	7.94	8.24	8.05	7.34	6.46	5.47	4.50	3.60	2.84	2.25	1.86	1.66	1.56	1.49	1.43	1.34	1.17
180	7.26	6.72	6.21	5.70	5.05	4.31	3.55	2.85	2.26	1.80	1.49	1.32	1.32	1.35	1.36	1.34	1.28	1.17

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

Test Speed: LOW

Temperature: 25.3DEG

Operators: Fan

Test Date: 2023-10-24

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: