

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

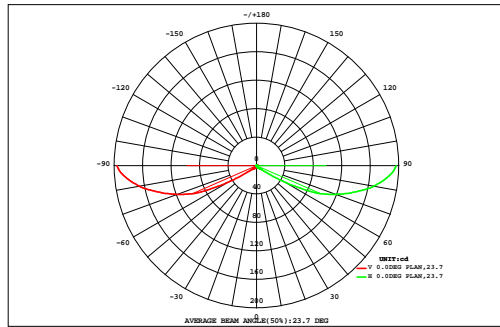
Maximum Intensity (Luminaire orientation as tested.)		826.3 cd per klm. -90.0 degrees vertical -60.0 degrees horizontal
Beam Spread	At 10% of Imax	34.7V x 34.7H
	At 50% of Imax	23.7V x 23.7H
	At 90% of Imax	7.6V x 7.6H
Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	956.6 lumens per klm.
	To 50% of Imax	825.8 lumens per klm.
	To 90% of Imax	325.1 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2023-12-12

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.28V I:0.0119A P:2.3926W PF:0.9137 Freq:50.00Hz Lamp Flux:237.272x1 lm		
NAME: 6590	TYPE:	WEIGHT:0.046KG
SPEC.:3W	DIM.: ϕ 3.5*4.5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°



DATA OF LAMP		Eff:99.17lm/W	
MODEL		Imax(cd)	196.1
NOMINAL POWER(W)		AVAILABILITY(%)	95.3
RATED VOLTAGE(V)		Avai. FLUX(lm)	226.2
NOMINAL FLUX(lm)	237.272	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	237.3
TEST VOLTAGE(V)	0	q @50%(H,V)	24,24DEG

AREA FLUX DIAGRAM																UNIT:lm		F t	F a		
90	0.00	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.41	0.75	0.40	1.86	1.51
80	0.00	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.44	0.74	0.40	1.88	1.54
70	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.04	0.50	0.76	0.41	1.97	1.63
60	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.10	0.57	0.78	0.41	2.13	1.78	
50	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.22	0.66	0.81	0.42	2.36	2.01	
40	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.32	0.75	0.86	0.43	2.61	2.24	
30	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.06	0.33	0.83	0.91	0.44	2.80	2.40
	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.05	0.09	0.32	0.91	0.98	0.45	3.00	2.54
	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.06	0.08	0.11	0.34	1.02	1.06	0.47	3.33	2.76
	0.01	0.06	0.10	0.06	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.08	0.10	0.13	0.39	1.10	1.11	0.48	3.86	2.96	
	0.03	0.16	0.28	0.17	0.08	0.08	0.08	0.06	0.05	0.05	0.06	0.09	0.11	0.15	0.48	1.18	1.13	0.48	4.71	3.47	
	0.05	0.26	0.50	0.39	0.16	0.13	0.11	0.10	0.08	0.08	0.10	0.11	0.13	0.20	0.71	1.32	1.17	0.48	6.07	4.71	
-30	0.06	0.37	0.75	0.81	0.40	0.19	0.15	0.13	0.13	0.13	0.13	0.15	0.19	0.42	1.12	1.49	1.22	0.49	8.32	6.78	
-40	0.08	0.48	1.03	1.45	1.08	0.49	0.27	0.21	0.19	0.19	0.21	0.27	0.49	1.08	1.65	1.68	1.28	0.49	12.6	10.9	
-50	0.09	0.58	1.34	2.04	2.05	1.63	1.14	0.83	0.70	0.70	0.83	1.14	1.63	2.05	2.13	1.90	1.35	0.50	22.6	21.8	
-60	0.10	0.67	1.64	2.56	2.83	2.91	2.87	2.75	2.67	2.67	2.75	2.87	2.91	2.83	2.59	2.13	1.42	0.51	39.7	39.7	
-70	0.11	0.74	1.90	3.01	3.53	3.91	4.15	4.30	4.36	4.36	4.30	4.15	3.91	3.53	3.01	2.32	1.48	0.51	53.6	53.6	
-80	0.12	0.79	2.08	3.33	4.06	4.66	5.12	5.43	5.58	5.58	5.43	5.12	4.66	4.06	3.33	2.48	1.53	0.52	63.9	63.9	
-90																					
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90				
F t	0.68	4.17	9.71	13.9	14.4	14.2	14.1	14.1	14.0	14.0	14.1	14.2	14.4	14.9	17.1	21.7	19.3	8.27	237	---	
F a	0.56	3.99	9.43	13.5	13.8	13.4	13.2	13.1	13.1	13.1	13.1	13.2	13.4	13.8	16.1	21.6	19.3	8.27	---	226	

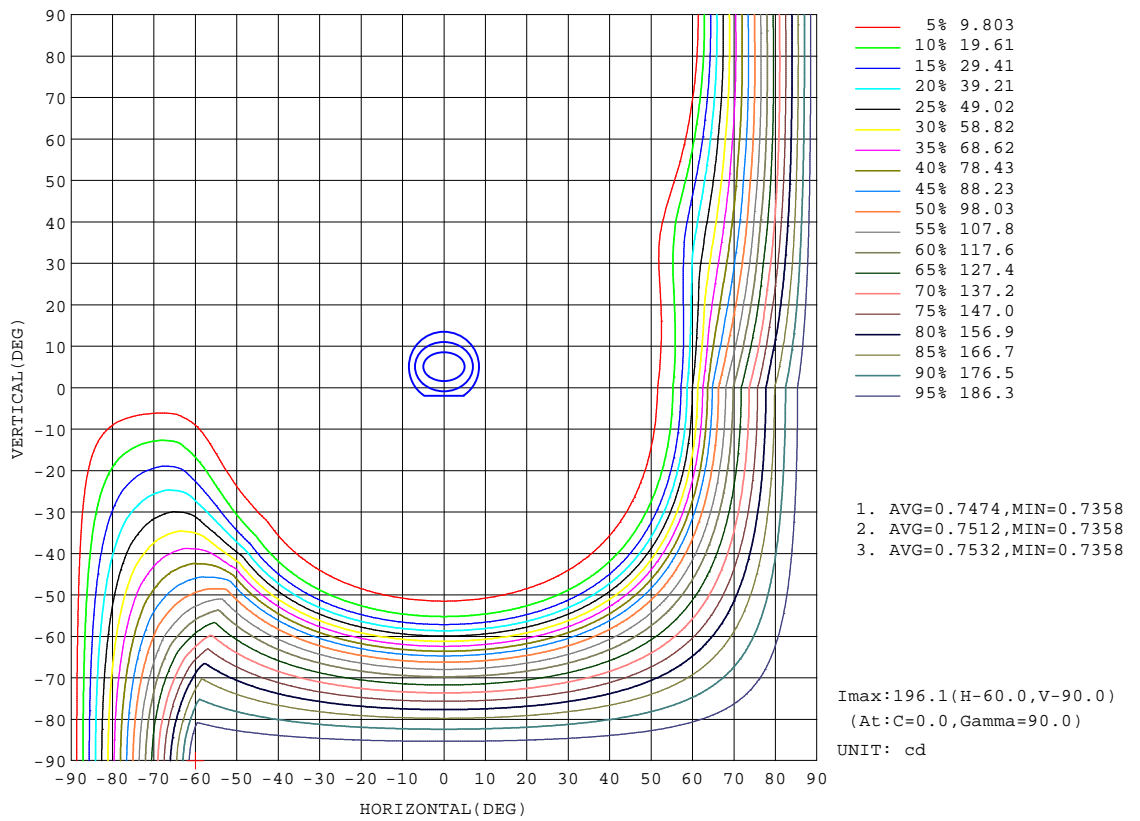
one-half-peak spread: U:23.6,D:23.9 , L:23.9,R:23.6 NEMA Beam Type: Type 3

C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2023-12-12

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.28V I:0.0119A P:2.3926W PF:0.9137 Freq:50.00Hz Lamp Flux:237.272x1 lm		
NAME: 6590	TYPE:	WEIGHT:0.046KG
SPEC.:3W	DIM.: ϕ 3.5*4.5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

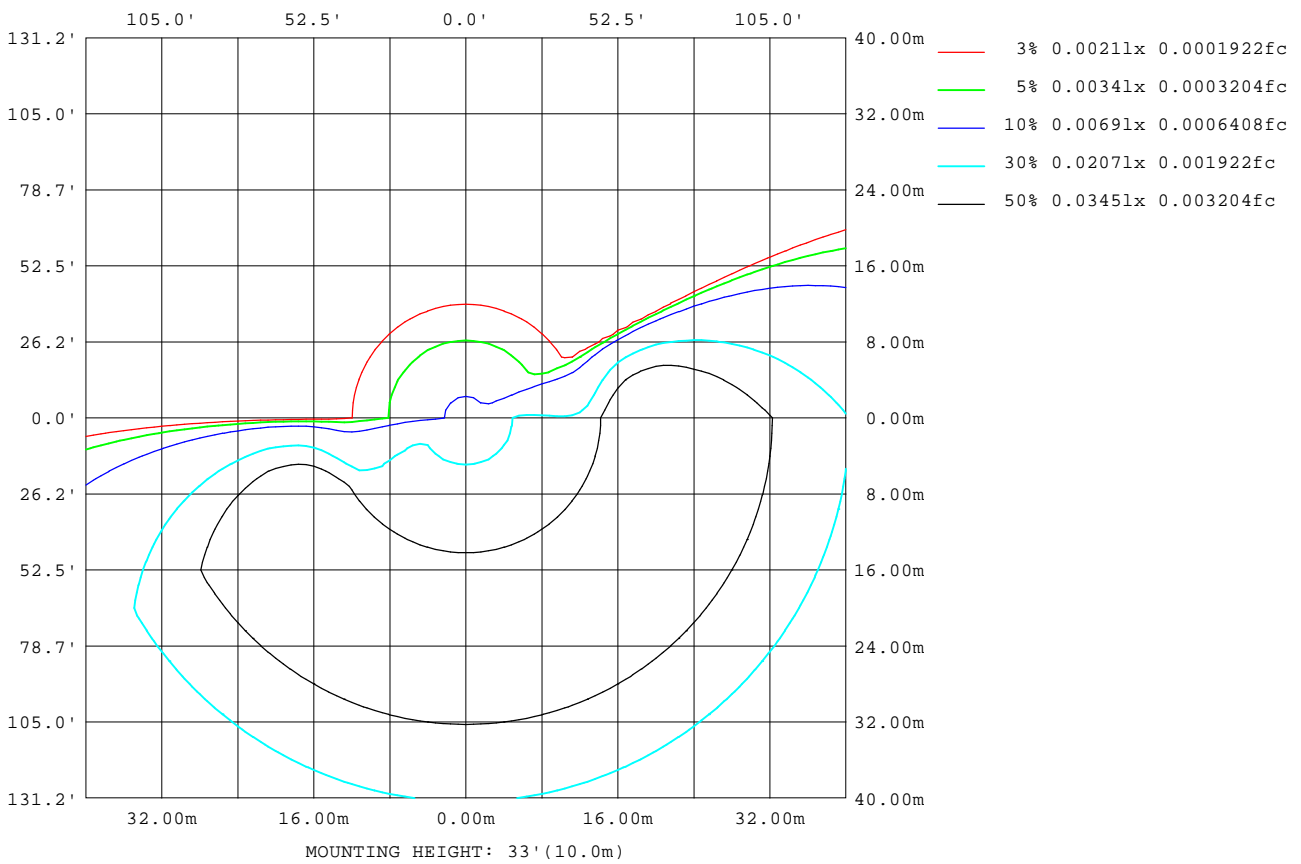


C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2023-12-12

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

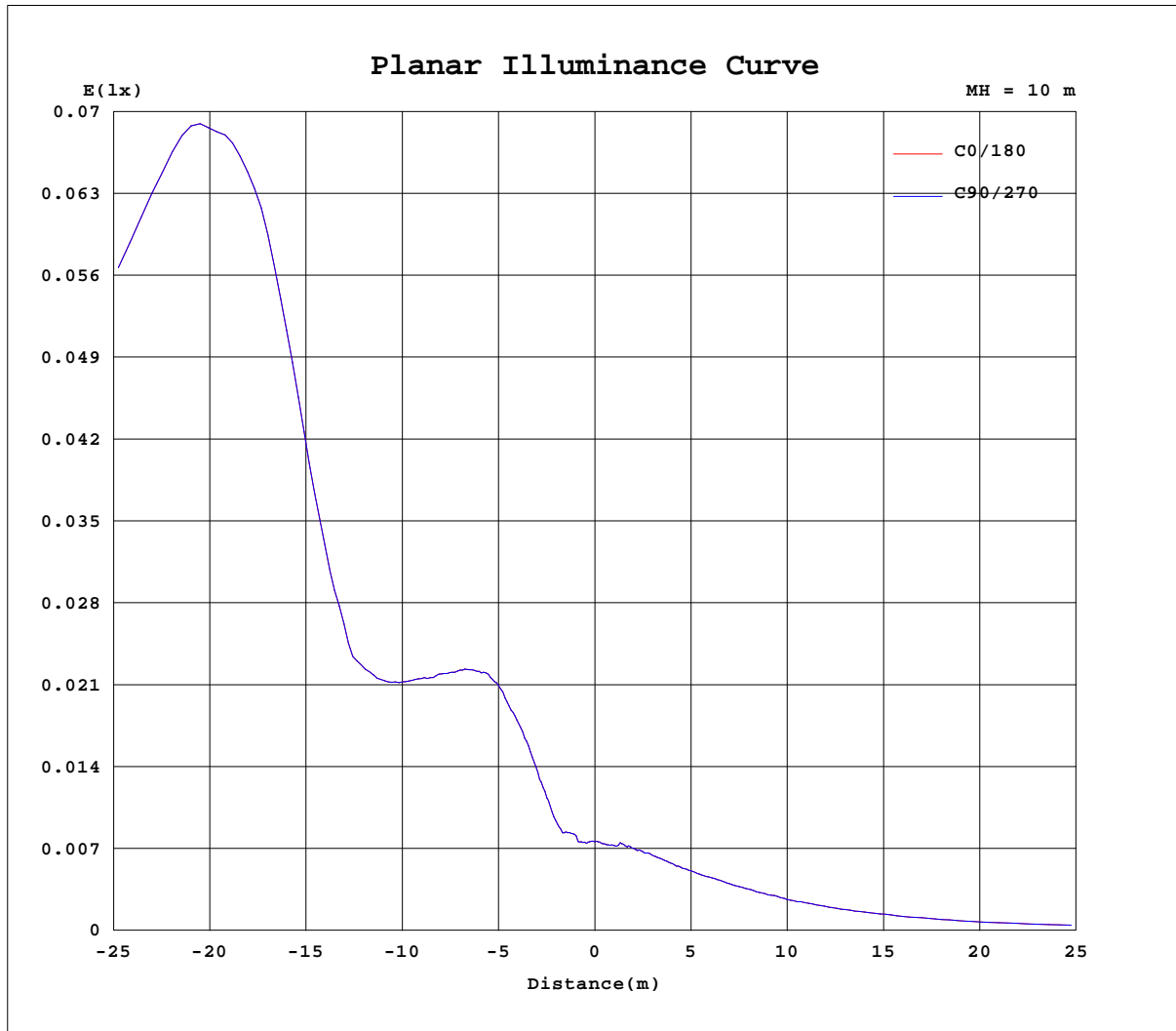
Test:U:220.28V I:0.0119A P:2.3926W PF:0.9137 Freq:50.00Hz Lamp Flux:237.272x1 lm		
NAME: 6590	TYPE:	WEIGHT:0.046KG
SPEC.:3W	DIM.: $\phi 3.5 \times 4.5$ CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°



C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2023-12-12

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

Planar Illuminance Curve



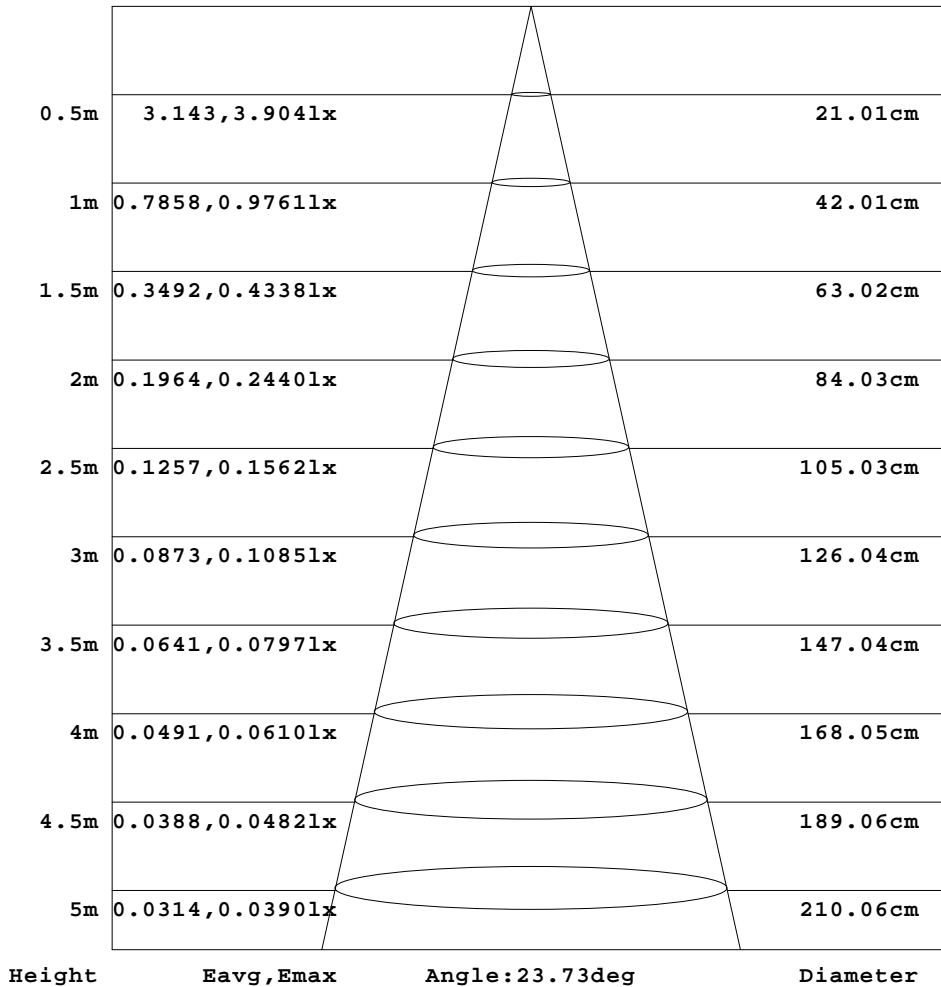
C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: NORDECOR
 Test Date: 2023-12-12

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 5.780m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.28V I:0.0119A P:2.3926W PF:0.9137 Freq:50.00Hz Lamp Flux:237.272x1 lm		
NAME: 6590	TYPE:	WEIGHT:0.046KG
SPEC.:3W	DIM.: ϕ 3.5*4.5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Flux out:0.1115 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2023-12-12

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.28V I:0.0119A P:2.3926W PF:0.9137 Freq:50.00Hz Lamp Flux:237.272x1 lm		
NAME: 6590	TYPE:	WEIGHT:0.046KG
SPEC.:3W	DIM.: Φ 3.5*4.5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--1

UNIT: cd

H(DEG)\V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.92	33.4	66.0	98.5	131	164	196	196	196	196	196	196	196	196	196	196	196	196	196
-85	0.92	33.3	65.4	97.3	129	160	192	191	190	190	189	188	187	187	186	186	185	185	185
-80	0.92	32.8	64.2	95.1	125	154	183	183	181	178	176	174	172	171	170	169	168	167	167
-75	0.92	32.1	62.5	91.7	120	146	172	173	169	165	161	157	154	151	148	146	145	144	144
-70	0.92	31.1	60.2	87.6	113	137	159	162	155	148	143	138	133	128	125	122	120	119	119
-65	0.92	30.0	57.4	82.9	106	127	145	148	140	132	124	117	111	105	100.0	95.8	92.7	90.7	90.0
-60	0.92	28.6	54.3	77.5	98.3	116	130	136	125	115	105	95.3	84.8	73.4	64.9	57.9	53.2	50.3	49.4
-55	0.92	27.0	50.8	71.9	90.0	104	115	122	110	96.8	81.3	64.9	51.0	39.2	30.6	24.6	21.0	19.2	18.6
-50	0.92	25.2	47.0	65.8	80.8	92.0	99.6	104	93.9	72.7	53.2	36.0	23.7	16.4	12.4	9.92	9.02	8.57	8.42
-45	0.92	23.2	42.9	59.7	71.8	80.6	85.5	85.1	72.7	49.4	29.5	17.2	11.1	8.54	7.35	6.67	6.29	6.08	6.01
-40	0.92	21.1	38.7	53.2	63.2	69.5	71.4	65.8	50.3	29.5	15.4	9.37	7.39	6.35	5.72	5.32	5.02	4.87	4.81
-35	0.92	18.8	34.3	46.4	54.6	59.1	58.5	47.5	31.0	17.1	9.37	7.10	5.96	5.27	4.77	4.44	4.21	4.09	4.05
-30	0.92	16.5	29.7	39.7	46.2	49.1	45.9	33.1	18.2	9.88	7.39	5.96	5.12	4.54	4.12	3.81	3.57	3.43	3.40
-25	0.92	14.0	25.1	33.1	38.0	39.5	34.0	21.9	10.9	6.70	5.74	5.27	4.54	4.02	3.59	3.26	2.96	2.77	2.67
-20	0.92	11.5	20.3	26.6	30.2	30.8	24.7	14.2	6.98	4.92	4.43	4.24	4.12	3.59	3.12	2.65	2.29	2.07	1.98
-15	0.92	8.92	15.5	20.1	22.7	22.6	17.0	8.98	4.52	3.62	3.36	3.24	3.21	3.18	2.65	2.14	1.72	1.44	1.36
-10	0.92	6.28	10.7	13.7	15.3	15.0	10.8	5.49	3.06	2.57	2.41	2.34	2.31	2.25	2.06	1.72	1.26	0.98	0.91
-5	0.92	3.61	5.80	7.29	8.05	7.83	5.59	2.95	1.87	1.64	1.56	1.52	1.49	1.44	1.33	1.16	0.95	0.85	0.77
0	0.92	0.93	0.91	0.90	0.89	0.86	0.83	0.82	0.78	0.75	0.74	0.72	0.71	0.71	0.72	0.74	0.76	0.74	0.76
5	0.92	0.93	0.91	0.90	0.89	0.86	0.84	0.81	0.78	0.75	0.74	0.72	0.72	0.71	0.72	0.74	0.75	0.75	0.74
10	0.92	0.93	0.91	0.90	0.89	0.86	0.84	0.81	0.78	0.76	0.75	0.73	0.71	0.72	0.72	0.72	0.74	0.75	0.76
15	0.92	0.93	0.91	0.90	0.88	0.86	0.84	0.83	0.79	0.77	0.75	0.74	0.73	0.72	0.71	0.72	0.72	0.74	0.74
20	0.92	0.93	0.92	0.91	0.88	0.86	0.84	0.82	0.80	0.79	0.76	0.75	0.72	0.71	0.72	0.71	0.72	0.72	0.72
25	0.92	0.93	0.92	0.91	0.88	0.87	0.84	0.82	0.80	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.72	0.71	0.71
30	0.92	0.93	0.93	0.91	0.90	0.88	0.85	0.84	0.82	0.79	0.79	0.76	0.75	0.74	0.72	0.73	0.71	0.72	0.71
35	0.92	0.93	0.93	0.92	0.90	0.89	0.86	0.84	0.82	0.81	0.78	0.78	0.76	0.75	0.75	0.74	0.73	0.72	0.72
40	0.92	0.93	0.92	0.91	0.90	0.88	0.87	0.85	0.84	0.82	0.80	0.78	0.79	0.76	0.76	0.75	0.75	0.74	0.74
45	0.92	0.93	0.92	0.91	0.91	0.90	0.88	0.86	0.84	0.83	0.82	0.81	0.79	0.78	0.79	0.77	0.76	0.75	0.75
50	0.92	0.93	0.92	0.91	0.91	0.90	0.88	0.88	0.86	0.84	0.84	0.82	0.82	0.80	0.80	0.79	0.78	0.78	0.78
55	0.92	0.93	0.92	0.93	0.91	0.91	0.90	0.88	0.88	0.86	0.85	0.84	0.84	0.82	0.82	0.83	0.81	0.81	0.82
60	0.92	0.93	0.93	0.91	0.91	0.92	0.90	0.90	0.88	0.88	0.87	0.86	0.85	0.84	0.84	0.84	0.84	0.84	0.83
65	0.92	0.93	0.93	0.92	0.93	0.91	0.92	0.91	0.90	0.90	0.88	0.89	0.88	0.87	0.86	0.86	0.86	0.86	0.86
70	0.92	0.93	0.93	0.93	0.92	0.93	0.91	0.91	0.91	0.91	0.90	0.90	0.90	0.88	0.88	0.88	0.89	0.89	0.89
75	0.92	0.93	0.93	0.93	0.93	0.92	0.91	0.93	0.91	0.91	0.91	0.92	0.91	0.91	0.91	0.90	0.90	0.90	0.90
80	0.92	0.93	0.93	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.93	0.93	0.92	0.92	0.91	0.91	0.91	0.91
85	0.92	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
90	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92

C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2023-12-12

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.28V I:0.0119A P:2.3926W PF:0.9137 Freq:50.00Hz Lamp Flux:237.272x1 lm		
NAME: 6590	TYPE:	WEIGHT:0.046KG
SPEC.:3W	DIM.: Φ 3.5*4.5CM	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:24°

Table--2

UNIT: cd

H(DEG)\V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196
-85	185	185	186	186	187	187	188	189	190	190	191	192	193	194	194	195	196	196
-80	167	168	169	170	171	172	174	176	178	181	183	185	188	190	192	194	195	196
-75	144	145	146	148	151	154	157	161	165	169	173	177	181	185	189	192	194	196
-70	119	120	122	125	128	133	138	143	148	155	162	168	174	179	185	190	194	196
-65	90.7	92.7	95.8	100.0	105	111	117	124	132	140	148	157	166	174	181	188	193	196
-60	50.3	53.2	57.9	64.9	73.4	84.8	95.3	105	115	125	136	146	157	168	177	185	192	196
-55	19.2	21.0	24.6	30.6	39.2	51.0	64.9	81.3	96.8	110	123	136	148	162	173	183	191	196
-50	8.57	9.02	9.92	12.4	16.4	23.7	36.0	53.2	72.7	93.9	110	125	140	155	169	181	190	196
-45	6.08	6.29	6.67	7.35	8.54	11.1	17.2	29.5	49.4	72.7	96.8	115	132	148	165	178	190	196
-40	4.87	5.02	5.32	5.72	6.35	7.39	9.37	15.4	29.5	53.2	81.3	105	124	143	161	176	189	196
-35	4.09	4.21	4.44	4.77	5.27	5.96	7.10	9.37	17.2	36.0	64.9	95.3	117	138	157	174	188	196
-30	3.43	3.57	3.81	4.12	4.54	5.12	5.96	7.39	11.1	23.7	51.0	84.8	111	133	154	172	187	196
-25	2.77	2.96	3.26	3.59	4.02	4.54	5.27	6.35	8.54	16.4	39.2	73.4	105	128	151	171	187	196
-20	2.07	2.29	2.65	3.12	3.59	4.12	4.77	5.72	7.35	12.4	30.6	64.9	100.0	125	148	170	186	196
-15	1.44	1.72	2.14	2.65	3.26	3.81	4.44	5.32	6.67	9.92	24.6	57.9	95.8	122	146	169	186	196
-10	0.98	1.26	1.72	2.29	2.96	3.57	4.21	5.02	6.29	9.02	21.0	53.2	92.7	120	145	168	185	196
-5	0.85	0.98	1.44	2.07	2.77	3.43	4.09	4.87	6.08	8.57	19.2	50.3	90.7	119	144	167	185	196
0	0.77	0.91	1.36	1.98	2.67	3.40	4.05	4.81	6.01	8.42	18.6	49.4	90.0	119	144	167	185	196
5	0.75	0.78	1.02	1.47	2.04	2.66	3.29	4.05	5.19	7.48	17.1	45.6	83.7	112	138	163	183	196
10	0.75	0.74	0.72	0.95	1.44	1.97	2.59	3.35	4.47	6.74	16.4	43.2	78.5	106	132	158	180	196
15	0.74	0.72	0.72	0.71	0.80	1.33	1.94	2.71	3.82	6.19	16.5	41.7	74.0	100	127	154	178	196
20	0.72	0.72	0.71	0.72	0.71	0.72	1.28	2.05	3.22	6.19	17.2	41.0	70.0	95.6	122	150	175	196
25	0.71	0.72	0.72	0.71	0.72	0.74	0.75	1.37	2.61	6.24	18.1	40.3	66.2	91.2	118	147	173	196
30	0.72	0.71	0.73	0.72	0.74	0.75	0.76	0.79	1.97	6.34	18.7	39.8	62.9	87.4	115	144	172	196
35	0.72	0.73	0.74	0.75	0.75	0.76	0.78	0.78	0.90	5.86	18.2	37.6	59.3	83.8	112	141	170	196
40	0.74	0.75	0.75	0.76	0.76	0.79	0.78	0.80	0.82	3.74	16.3	34.3	55.7	80.6	109	138	169	196
45	0.75	0.76	0.77	0.79	0.78	0.79	0.81	0.82	0.83	0.84	12.6	30.6	52.2	77.4	107	136	167	196
50	0.78	0.78	0.79	0.80	0.80	0.82	0.82	0.84	0.84	0.86	7.40	26.3	48.8	74.9	104	135	166	196
55	0.81	0.81	0.83	0.82	0.82	0.84	0.84	0.85	0.86	0.88	1.54	22.0	45.6	72.8	102	133	165	196
60	0.84	0.84	0.84	0.84	0.84	0.85	0.86	0.87	0.88	0.88	0.90	17.5	42.7	70.5	100	132	165	196
65	0.86	0.86	0.86	0.86	0.87	0.88	0.89	0.88	0.90	0.90	0.91	13.3	40.0	68.6	99.1	131	164	196
70	0.89	0.89	0.88	0.88	0.88	0.90	0.90	0.90	0.91	0.91	0.91	9.36	37.4	67.1	98.2	131	164	196
75	0.90	0.90	0.90	0.91	0.91	0.91	0.92	0.91	0.91	0.91	0.93	5.91	35.5	66.1	97.9	130	163	196
80	0.91	0.91	0.91	0.92	0.92	0.93	0.93	0.92	0.92	0.92	0.92	3.25	34.1	65.7	97.9	130	163	196
85	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	1.53	33.5	65.7	98.0	131	163	196
90	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	33.4	66.0	98.5	131	164	196

C Range: 0 - 180DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2023-12-12

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks: