

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

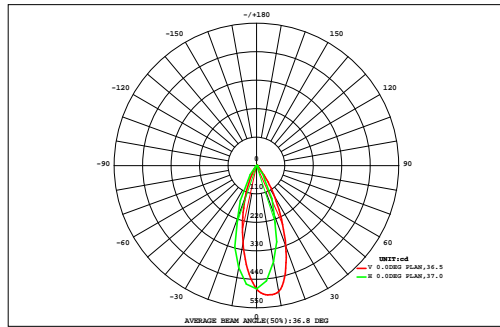
Maximum Intensity (Luminaire orientation as tested.)		2206.9 cd per klm. 0.0 degrees vertical -7.0 degrees horizontal
Beam Spread	At 10% of Imax	67.1V x 64.3H
	At 50% of Imax	37.0V x 36.5H
	At 90% of Imax	14.2V x 15.8H
Beam Flux	Total	999.2 lumens per klm.
	To 10% of Imax	879.6 lumens per klm.
	To 50% of Imax	497.9 lumens per klm.
	To 90% of Imax	82.8 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.9 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
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:220.24V I:0.0430A P:4.3818W PF:0.4623 Freq:50.00Hz Lamp Flux:227.492x1 lm		
NAME: 6787	TYPE:	WEIGHT:146g
SPEC.:4W	DIM.: 7*5.2*4.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:38°



DATA OF LAMP		Eff:51.92lm/W	
MODEL		Imax(cd)	502.1
NOMINAL POWER(W)		AVAILABILITY(%)	89.0
RATED VOLTAGE(V)		Avai. FLUX(lm)	202.4
NOMINAL FLUX(lm)	227.492	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	227.5
TEST VOLTAGE(V)	0	q @50%(H,V)	37,37DEG

AREA FLUX DIAGRAM																	UNIT:lm		F t	F a			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
80	0.00	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.48	0.00			
70	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.58	0.00			
60	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.08	0.08	0.07	0.06	0.05	0.03	0.02	0.01	0.01	0.00	0.75	0.00		
50	0.00	0.01	0.02	0.04	0.06	0.07	0.12	0.18	0.22	0.20	0.13	0.07	0.06	0.04	0.03	0.01	0.01	0.00	1.27	0.00			
40	0.00	0.01	0.03	0.05	0.07	0.14	0.38	0.82	1.13	0.95	0.48	0.20	0.08	0.05	0.03	0.02	0.01	0.00	4.43	1.26			
30	0.00	0.01	0.03	0.05	0.10	0.41	1.38	3.04	4.16	3.52	1.90	0.65	0.16	0.06	0.04	0.02	0.01	0.00	15.5	12.9			
20	0.00	0.01	0.04	0.06	0.20	0.90	3.44	7.13	9.61	8.27	4.55	1.47	0.34	0.07	0.04	0.02	0.01	0.00	36.2	34.2			
10	0.00	0.02	0.04	0.07	0.28	1.52	5.23	10.9	14.3	12.2	6.68	2.29	0.50	0.09	0.05	0.02	0.01	0.00	54.2	52.5			
0	0.00	0.02	0.04	0.07	0.30	1.61	5.42	11.1	14.2	12.0	6.60	2.30	0.51	0.09	0.05	0.02	0.01	0.00	54.4	52.7			
-10	0.00	0.02	0.04	0.07	0.24	1.12	3.74	7.47	9.56	7.95	4.37	1.44	0.36	0.07	0.04	0.02	0.01	0.00	36.5	34.8			
-20	0.00	0.01	0.03	0.06	0.14	0.50	1.65	3.23	4.10	3.35	1.81	0.62	0.16	0.06	0.04	0.02	0.01	0.00	15.8	13.6			
-30	0.00	0.01	0.03	0.05	0.07	0.20	0.40	0.79	0.97	0.78	0.44	0.20	0.06	0.05	0.03	0.02	0.01	0.00	4.13	0.45			
-40	0.00	0.01	0.02	0.04	0.06	0.07	0.14	0.18	0.19	0.18	0.13	0.06	0.06	0.04	0.03	0.02	0.01	0.00	1.23	0.00			
-50	0.00	0.01	0.02	0.04	0.05	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.05	0.04	0.02	0.01	0.01	0.00	0.75	0.00			
-60	0.00	0.01	0.02	0.04	0.06	0.07	0.07	0.07	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.67	0.00			
-70	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.01	0.01	0.01	0.00	0.45	0.00			
-80	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.01	0.01	0.01	0.00	0.45	0.00			
-90	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.15	0.00			
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90						
F t	0.04	0.19	0.42	0.74	1.77	6.86	22.3	45.2	58.9	49.8	27.4	9.61	2.53	0.79	0.48	0.27	0.12	0.03	227	---			
F a	0.00	0.00	0.00	0.00	0.00	3.62	19.9	42.9	56.9	47.6	25.3	6.14	0.01	0.00	0.00	0.00	0.00	0.00	---	202			

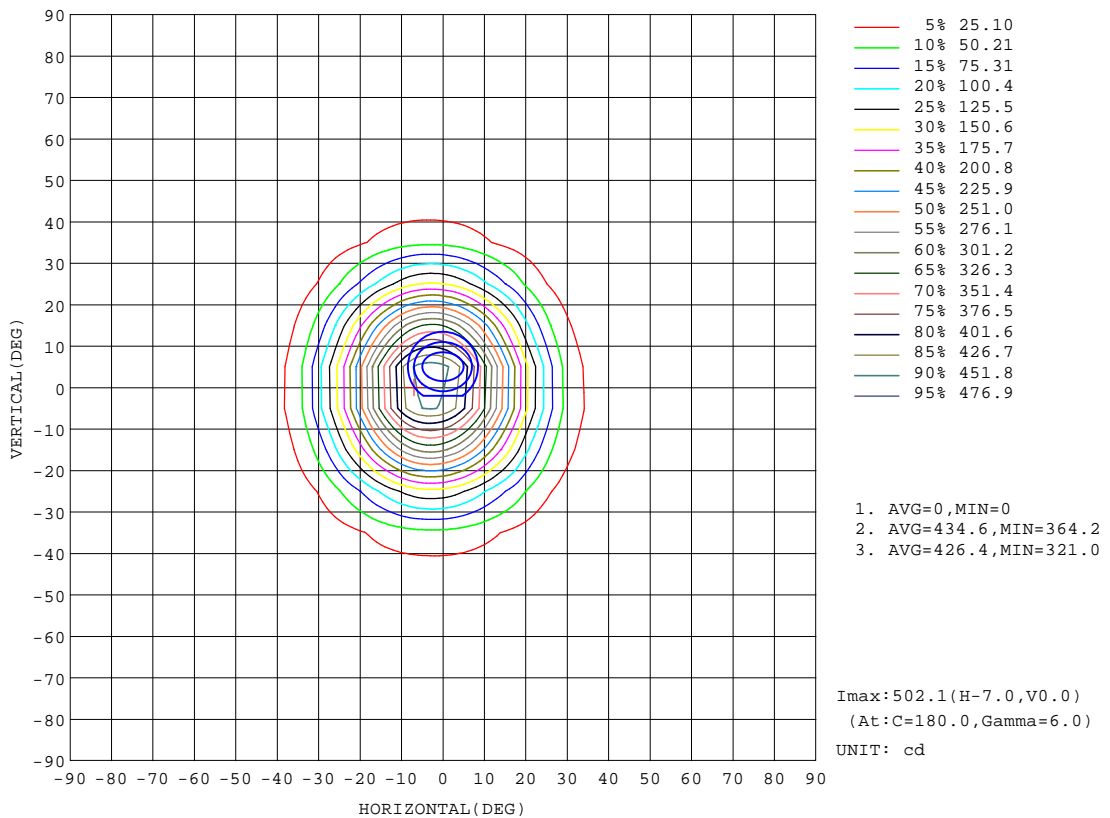
one-half-peak spread: U:18.3,D:19.0 , L:17.0,R:19.8 NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-10-10

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 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:220.24V I:0.0430A P:4.3818W PF:0.4623 Freq:50.00Hz Lamp Flux:227.492x1 lm		
NAME: 6787	TYPE:	WEIGHT:146g
SPEC.:4W	DIM.: 7*5.2*4.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:38°

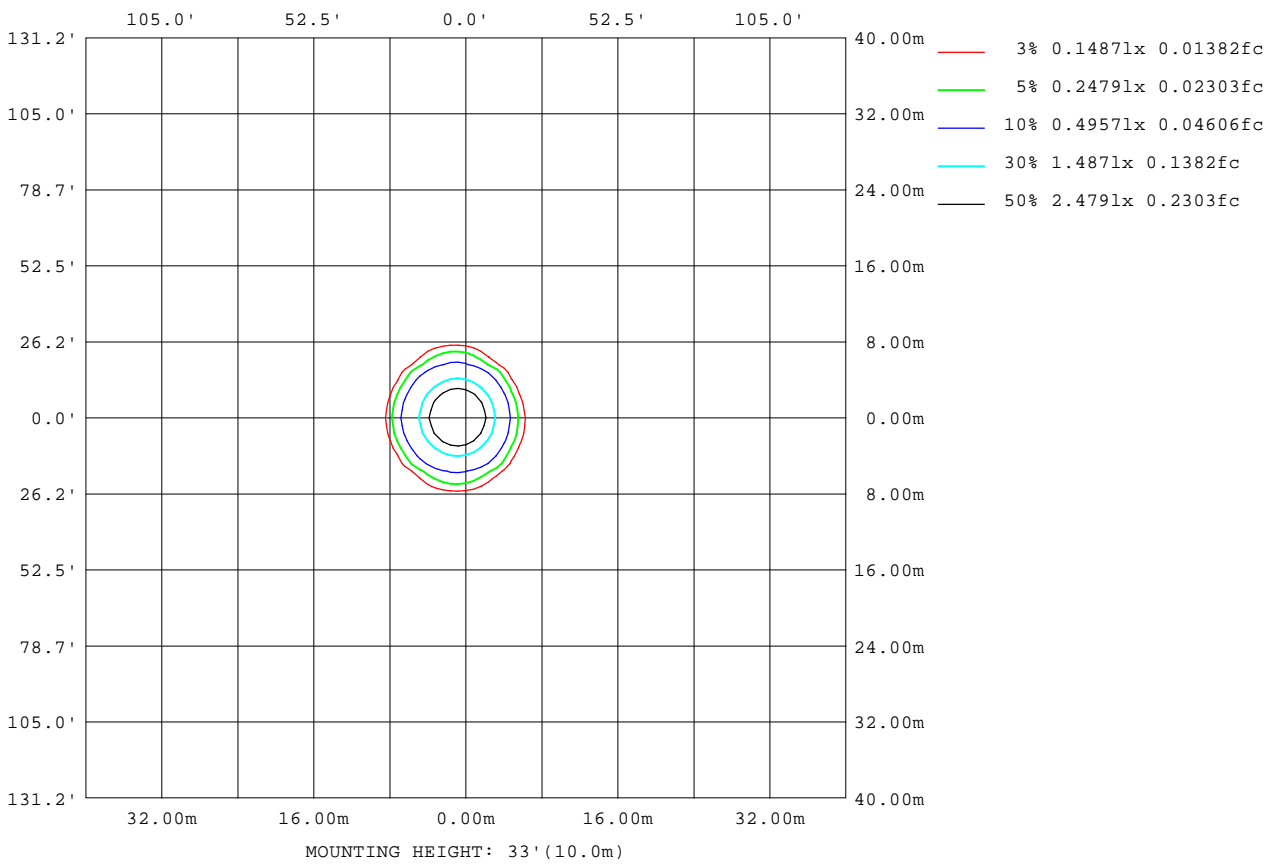


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-10-10

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

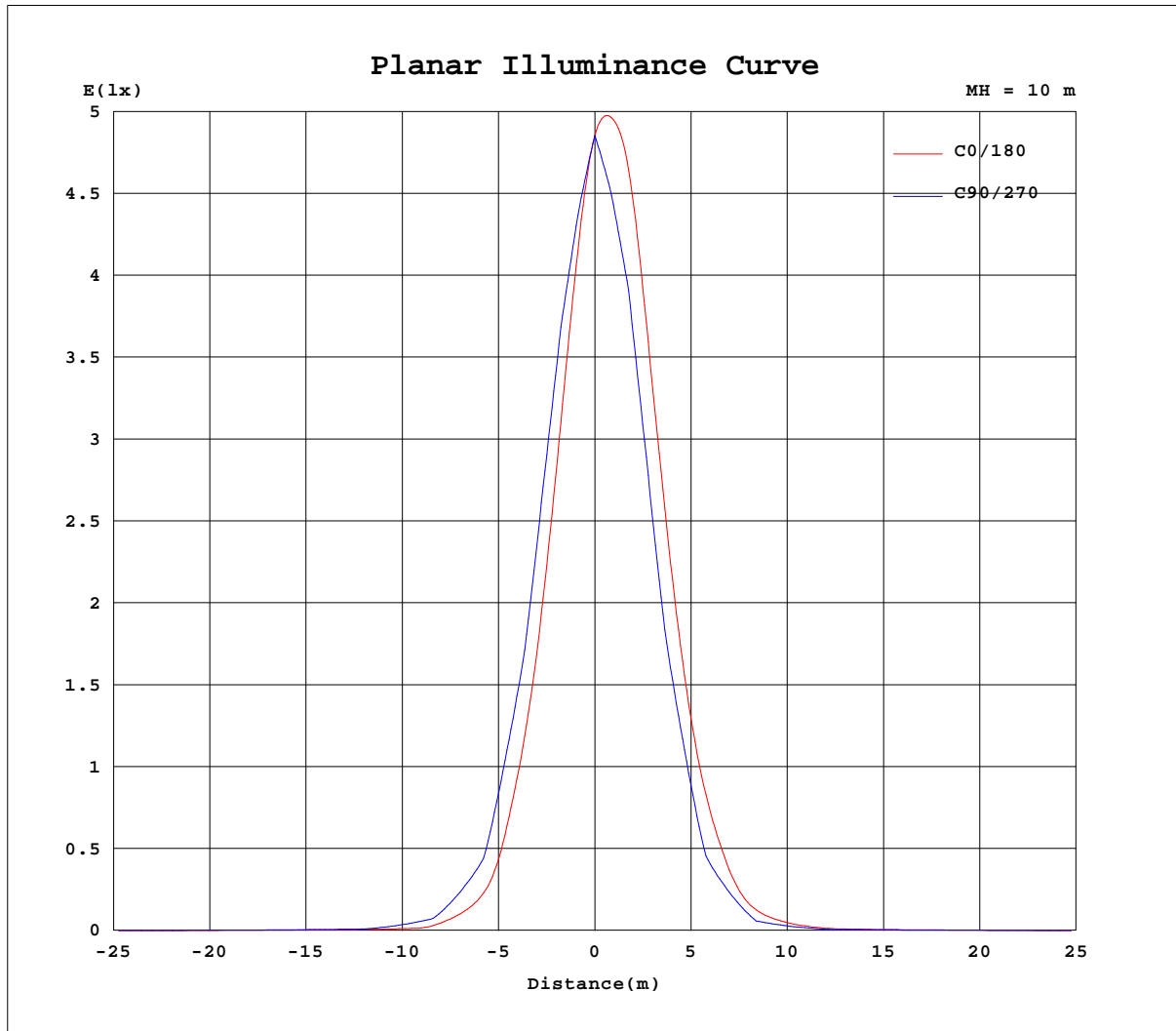
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NAME: 6787	TYPE:	WEIGHT:146g
SPEC.:4W	DIM.: 7*5.2*4.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:38°



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 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-10-10

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

Planar Illuminance Curve



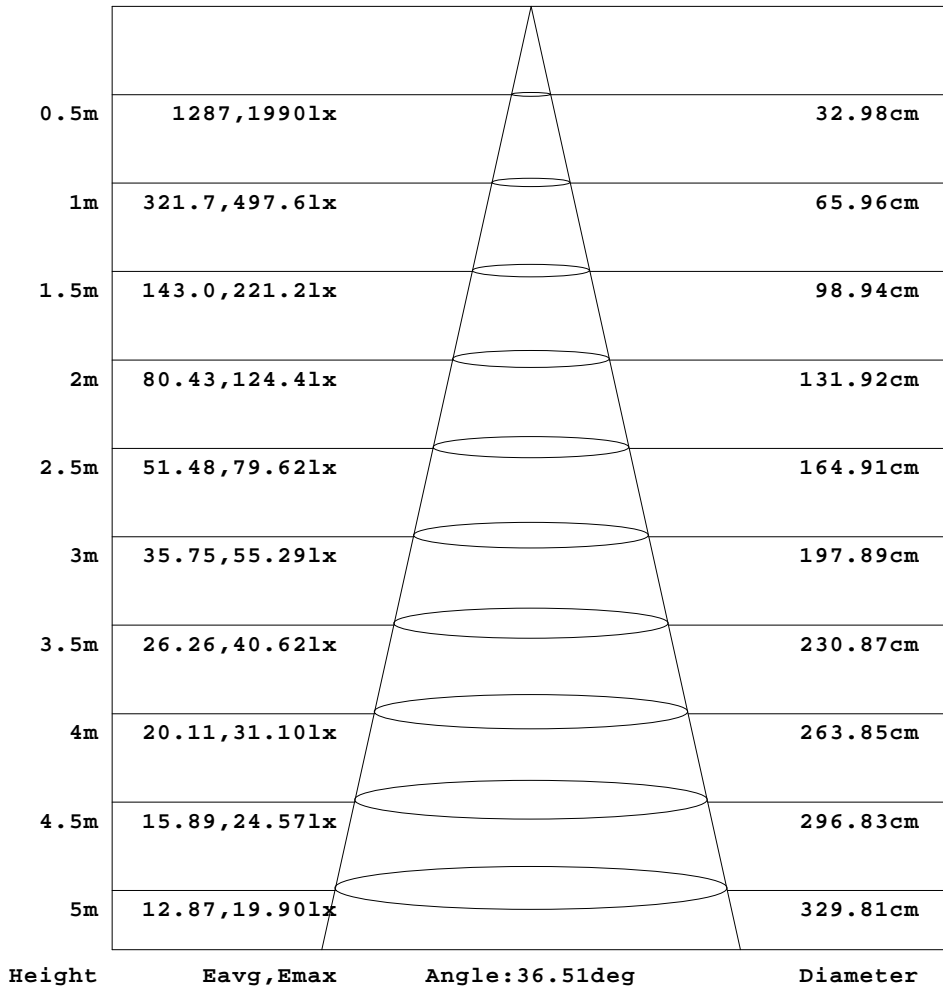
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 Operators:NORDECOR
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 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
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 Remarks:

AAI Figure

Test:U:220.24V I:0.0430A P:4.3818W PF:0.4623 Freq:50.00Hz Lamp Flux:227.492x1 lm		
NAME: 6787	TYPE:	WEIGHT:146g
SPEC.:4W	DIM.: 7*5.2*4.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:38°

Flux out:113.2 lm



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

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 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-10-10

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 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

Table with 3 columns: NAME, TYPE, WEIGHT; SPEC., DIM., SERIAL No.; MFR., SUR., Shielding Angle.

Table--1 UNIT: cd

Large data table with H(DEG) on columns and V(DEG) on rows, containing intensity values in cd.

H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
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:220.24V I:0.0430A P:4.3818W PF:0.4623 Freq:50.00Hz Lamp Flux:227.492x1 lm		
NAME: 6787	TYPE:	WEIGHT:146g
SPEC.:4W	DIM.: 7*5.2*4.6cm	SERIAL No.:01
MFR.: NORDECOR	SUR.:	Shielding Angle:38°

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	1.12	1.08	1.05	1.00	0.96	0.92	0.87	0.83	0.76	0.72	0.62	0.62	0.62	0.65	0.64	0.62	0.59	0.53
-75	1.53	1.47	1.42	1.36	1.28	1.22	1.14	1.05	0.98	0.92	0.85	0.76	0.71	0.67	0.64	0.64	0.64	0.60
-70	1.84	1.80	1.73	1.63	1.54	1.43	1.30	1.17	1.04	1.04	0.95	0.85	0.76	0.67	0.66	0.65	0.62	0.62
-65	2.41	2.31	2.20	2.09	1.94	1.80	1.65	1.50	1.37	1.25	1.14	1.01	0.91	0.80	0.70	0.65	0.65	0.63
-60	2.83	2.69	2.54	2.37	2.19	2.01	1.84	1.66	1.48	1.33	1.18	1.05	0.92	0.80	0.67	0.65	0.64	0.64
-55	3.37	3.23	3.05	2.85	2.62	2.40	2.19	1.97	1.77	1.58	1.39	1.22	1.07	0.93	0.79	0.67	0.64	0.64
-50	3.74	3.54	3.32	3.05	2.79	2.53	2.29	2.05	1.82	1.61	1.40	1.21	1.05	0.90	0.74	0.64	0.63	0.62
-45	9.94	8.96	7.14	4.59	3.20	2.92	2.64	2.37	2.12	1.89	1.65	1.43	1.23	1.06	0.88	0.72	0.64	0.64
-40	15.1	12.4	7.89	3.91	3.26	2.96	2.67	2.40	2.15	1.89	1.64	1.42	1.20	1.01	0.82	0.65	0.64	0.65
-35	39.2	31.6	23.3	15.9	10.6	6.46	3.12	2.76	2.47	2.20	1.94	1.67	1.42	1.20	0.99	0.80	0.65	0.65
-30	54.7	40.7	29.5	20.9	13.1	5.00	3.05	2.76	2.49	2.20	1.91	1.64	1.37	1.13	0.92	0.72	0.66	0.64
-25	127	102	75.9	50.2	28.9	16.5	8.25	3.47	2.86	2.55	2.25	1.93	1.63	1.36	1.10	0.88	0.68	0.68
-20	170	131	92.1	51.6	28.5	17.0	6.86	3.19	2.87	2.53	2.19	1.86	1.55	1.26	1.01	0.76	0.68	0.70
-15	274	223	164	107	60.4	30.9	17.1	6.63	3.23	2.89	2.53	2.17	1.82	1.50	1.20	0.95	0.72	0.70
-10	321	244	168	104	51.3	26.6	13.9	4.06	3.20	2.81	2.42	2.05	1.69	1.37	1.09	0.83	0.72	0.71
-5	405	328	238	156	92.3	43.2	22.6	10.4	3.47	3.10	2.70	2.31	1.93	1.58	1.27	1.00	0.75	0.71
0	403	304	207	129	66.8	30.9	16.1	5.14	3.32	2.92	2.51	2.11	1.74	1.40	1.12	0.84	0.73	0.70
5	415	334	241	158	92.0	42.0	21.6	10.1	3.44	3.08	2.69	2.29	1.92	1.57	1.26	1.00	0.74	0.71
10	336	253	171	105	49.2	24.4	12.8	3.83	3.15	2.76	2.39	2.02	1.66	1.36	1.08	0.83	0.72	0.70
15	291	234	169	108	58.3	28.3	15.3	6.17	3.15	2.82	2.47	2.12	1.79	1.47	1.19	0.94	0.71	0.69
20	181	137	92.2	48.5	25.3	14.8	6.22	3.07	2.77	2.46	2.13	1.82	1.51	1.23	1.00	0.75	0.67	0.65
25	134	105	75.5	47.1	25.3	14.2	7.23	3.22	2.73	2.44	2.14	1.85	1.57	1.31	1.06	0.84	0.66	0.65
30	53.3	36.9	24.6	16.7	10.4	4.23	2.82	2.59	2.34	2.07	1.81	1.55	1.30	1.07	0.87	0.66	0.62	0.62
35	37.5	28.3	19.3	12.7	8.52	5.31	2.77	2.52	2.29	2.05	1.81	1.57	1.34	1.13	0.93	0.74	0.61	0.60
40	11.0	8.54	5.48	3.07	2.80	2.60	2.39	2.18	1.96	1.74	1.52	1.31	1.12	0.94	0.76	0.60	0.59	0.56
45	7.61	6.50	5.07	3.44	2.69	2.50	2.31	2.11	1.92	1.72	1.51	1.32	1.14	0.97	0.82	0.65	0.59	0.58
50	2.99	2.85	2.69	2.54	2.36	2.18	1.99	1.81	1.63	1.45	1.28	1.11	0.96	0.81	0.67	0.58	0.58	0.57
55	2.71	2.61	2.48	2.35	2.21	2.05	1.89	1.73	1.58	1.41	1.26	1.12	0.98	0.86	0.72	0.61	0.59	0.59
60	2.31	2.23	2.12	1.99	1.87	1.75	1.61	1.47	1.33	1.20	1.08	0.96	0.85	0.72	0.61	0.59	0.59	0.61
65	2.02	1.95	1.87	1.78	1.68	1.58	1.47	1.35	1.25	1.14	1.03	0.94	0.83	0.74	0.66	0.61	0.61	0.61
70	1.64	1.58	1.51	1.44	1.36	1.29	1.20	1.12	1.04	0.96	0.88	0.79	0.71	0.64	0.62	0.63	0.63	0.63
75	1.36	1.30	1.28	1.22	1.17	1.10	1.04	0.98	0.92	0.86	0.80	0.76	0.70	0.66	0.64	0.64	0.64	0.65
80	1.03	0.98	0.96	0.93	0.89	0.86	0.82	0.78	0.72	0.69	0.66	0.67	0.64	0.63	0.66	0.65	0.66	0.61
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(j) Range:-90 - 90DEG
H(j) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
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