

Test:U:229.92V I:0.0754A P:8.7436W PF:0.5045 Freq:49.99Hz Lamp Flux:681.583x1 lm		
NAME: Uejycdkpi."qxcn	TYPE:"32Y."6222M	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ngfkipq	SUR.:	Shielding Angle:

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	302.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of I _{max}	360.0V x 174.1H
	At 50% of I _{max}	360.0V x 158.5H
	At 90% of I _{max}	360.0V x 157.0H

Beam Flux	Total	1000.5 lumens per klm.
	To 10% of I _{max}	966.1 lumens per klm.
	To 50% of I _{max}	649.7 lumens per klm.
	To 90% of I _{max}	72.9 lumens per klm.

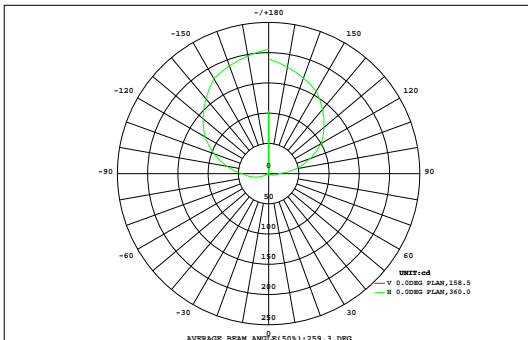
Upward LOR	94.6 %
Downward LOR	5.4 %

Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-09-05

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:9.782m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT



DATA OF LAMP		Eff:77.95lm/W	
MODEL		Imax(cd)	206.1
NOMINAL POWER(W)	10	AVAILABILITY(%)	96.5
RATED VOLTAGE(V)	230	Avai. FLUX(lm)	657.7
NOMINAL FLUX(lm)	681.583	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	681.6
TEST VOLTAGE(V)	229.9	θ @50%(H,V)	159,360DEG

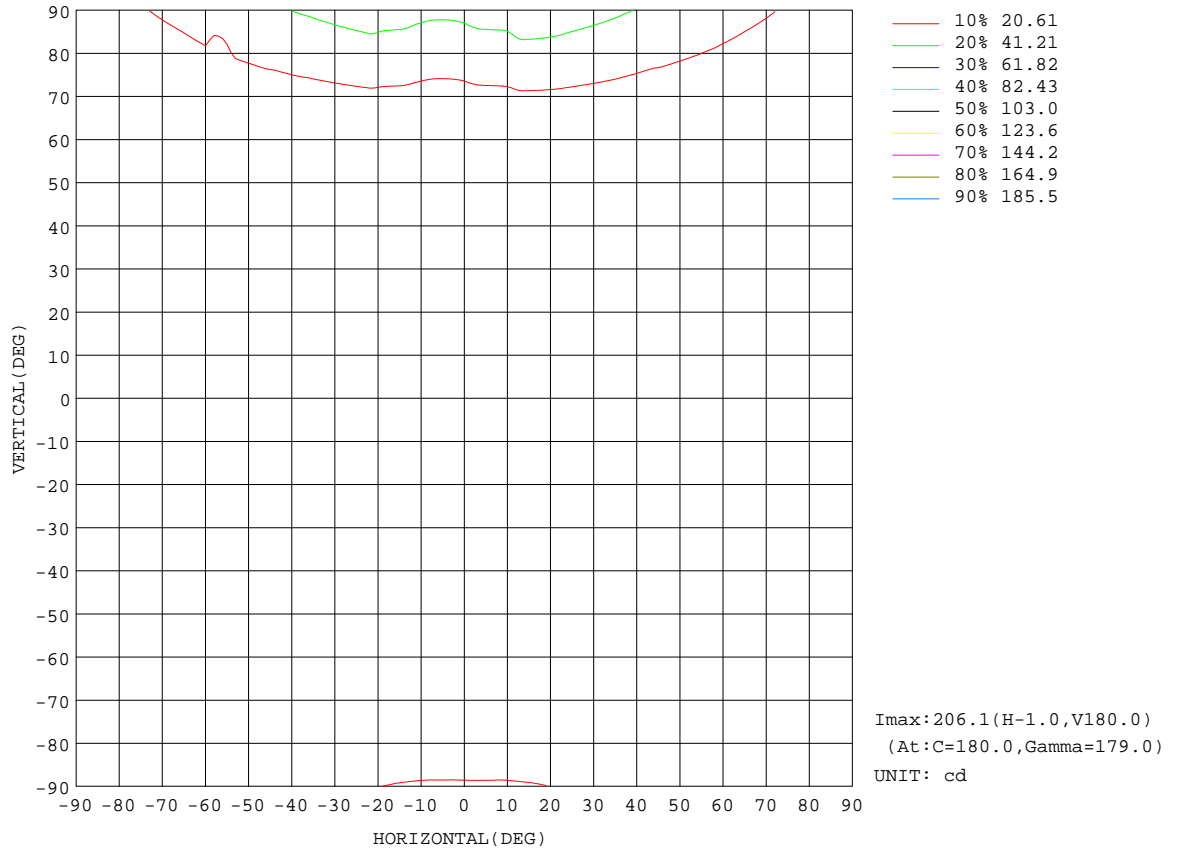
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.03	0.13	0.27	0.41	0.66	0.88	1.10	1.14	1.05	1.17	1.27	1.12	0.89	0.64	0.44	0.26	0.13	0.03	11.6	11.0
80	0.02	0.08	0.17	0.27	0.41	0.55	0.68	0.71	0.67	0.74	0.78	0.69	0.55	0.40	0.28	0.17	0.08	0.02	7.27	4.61
70	0.01	0.03	0.07	0.11	0.15	0.20	0.25	0.26	0.24	0.27	0.28	0.25	0.20	0.15	0.11	0.07	0.03	0.01	2.67	0.00
60	0.00	0.00	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.00	0.00	0.26	0.00
50	0.00	0.01	0.06	0.05	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.03	0.05	0.01	0.00	0.57	0.00
40	0.00	0.03	0.06	0.03	0.03	0.03	0.04	0.05	0.05	0.04	0.04	0.04	0.03	0.02	0.03	0.05	0.02	0.00	0.60	0.00
30	0.00	0.04	0.05	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.03	0.03	0.02	0.05	0.03	0.00	0.62	0.00
20	0.00	0.04	0.04	0.02	0.03	0.04	0.05	0.05	0.06	0.05	0.05	0.04	0.04	0.03	0.02	0.03	0.03	0.00	0.63	0.00
10	0.00	0.04	0.03	0.02	0.03	0.04	0.05	0.06	0.07	0.06	0.05	0.05	0.04	0.03	0.02	0.03	0.03	0.00	0.67	0.00
0	0.00	0.04	0.03	0.02	0.03	0.04	0.06	0.06	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.03	0.03	0.00	0.68	0.00
-10	0.00	0.04	0.03	0.02	0.03	0.04	0.05	0.06	0.06	0.06	0.05	0.05	0.04	0.03	0.02	0.03	0.03	0.00	0.66	0.00
-20	0.00	0.03	0.04	0.02	0.03	0.04	0.05	0.05	0.06	0.05	0.05	0.04	0.04	0.03	0.02	0.04	0.03	0.00	0.63	0.00
-30	0.00	0.03	0.05	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.05	0.03	0.00	0.61	0.00
-40	0.00	0.02	0.06	0.04	0.03	0.03	0.04	0.05	0.05	0.04	0.04	0.04	0.03	0.02	0.03	0.06	0.02	0.00	0.60	0.00
-50	0.00	0.01	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.03	0.04	0.01	0.00	0.50	0.00
-60	0.01	0.02	0.04	0.05	0.05	0.06	0.07	0.09	0.10	0.10	0.09	0.07	0.06	0.06	0.05	0.05	0.02	0.01	0.98	0.00
-70	0.01	0.05	0.08	0.09	0.13	0.15	0.17	0.26	0.28	0.28	0.26	0.20	0.18	0.17	0.13	0.10	0.05	0.01	2.61	0.00
-80	0.02	0.09	0.11	0.12	0.20	0.23	0.27	0.40	0.45	0.44	0.41	0.31	0.28	0.26	0.20	0.15	0.09	0.02	4.05	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	0.00	0.00
Φ t	0.11	0.72	1.29	1.40	1.93	2.49	3.07	3.46	3.41	3.58	3.62	3.13	2.54	1.97	1.48	1.27	0.69	0.11	36	---
Φ a	0.00	0.00	0.15	0.36	0.85	1.26	1.67	1.72	1.50	1.76	1.98	1.70	1.26	0.81	0.44	0.13	0.00	0.00	---	16

one-half-peak spread: U:301.6,D:66.8 , L:6.6,R:5.0 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-09-05

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:9.782m [K=1.0000]
Remarks:

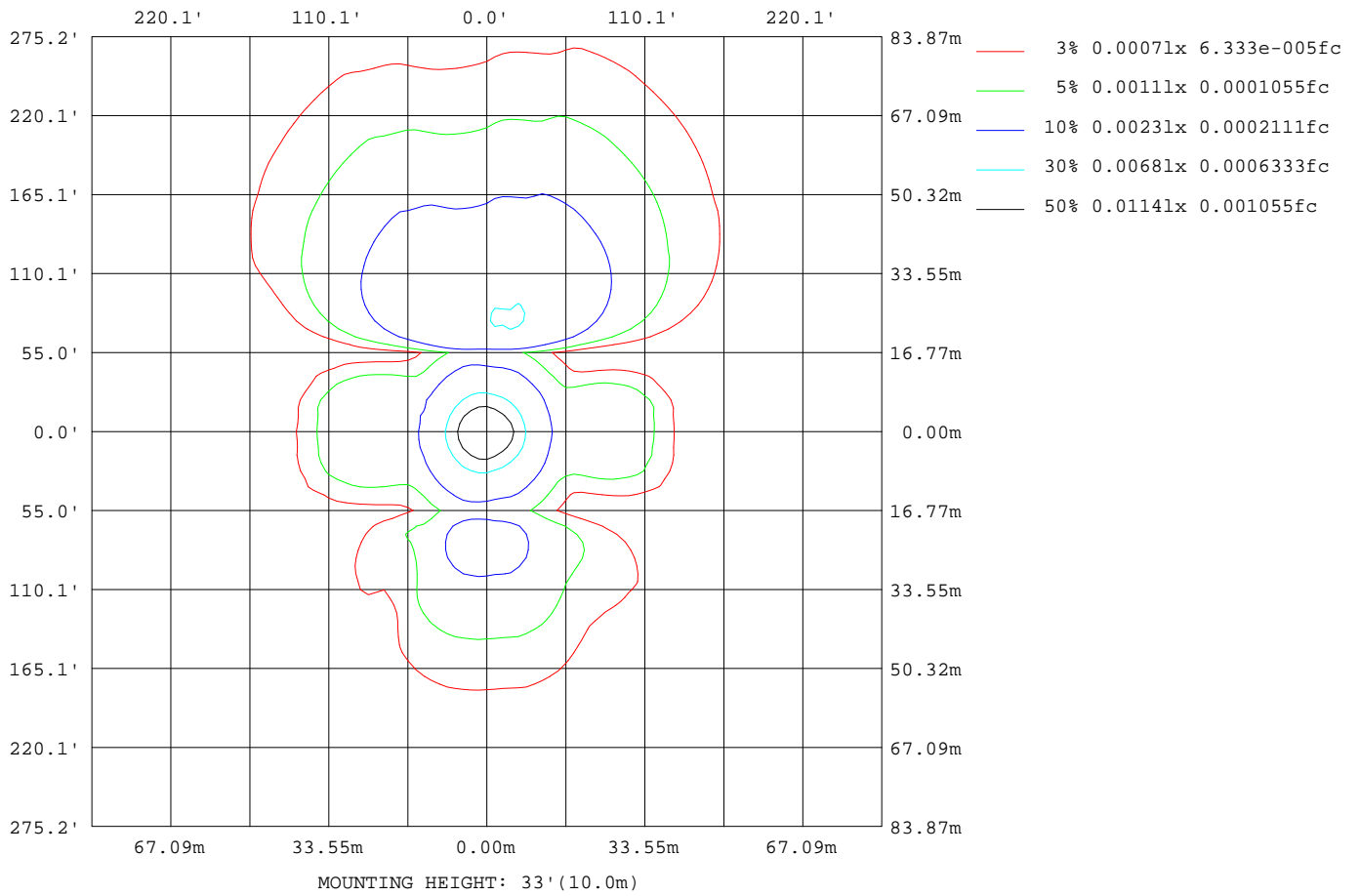
ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-09-05

V(B) Range:-180 - 180DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:9.782m [K=1.0000]
 Remarks:

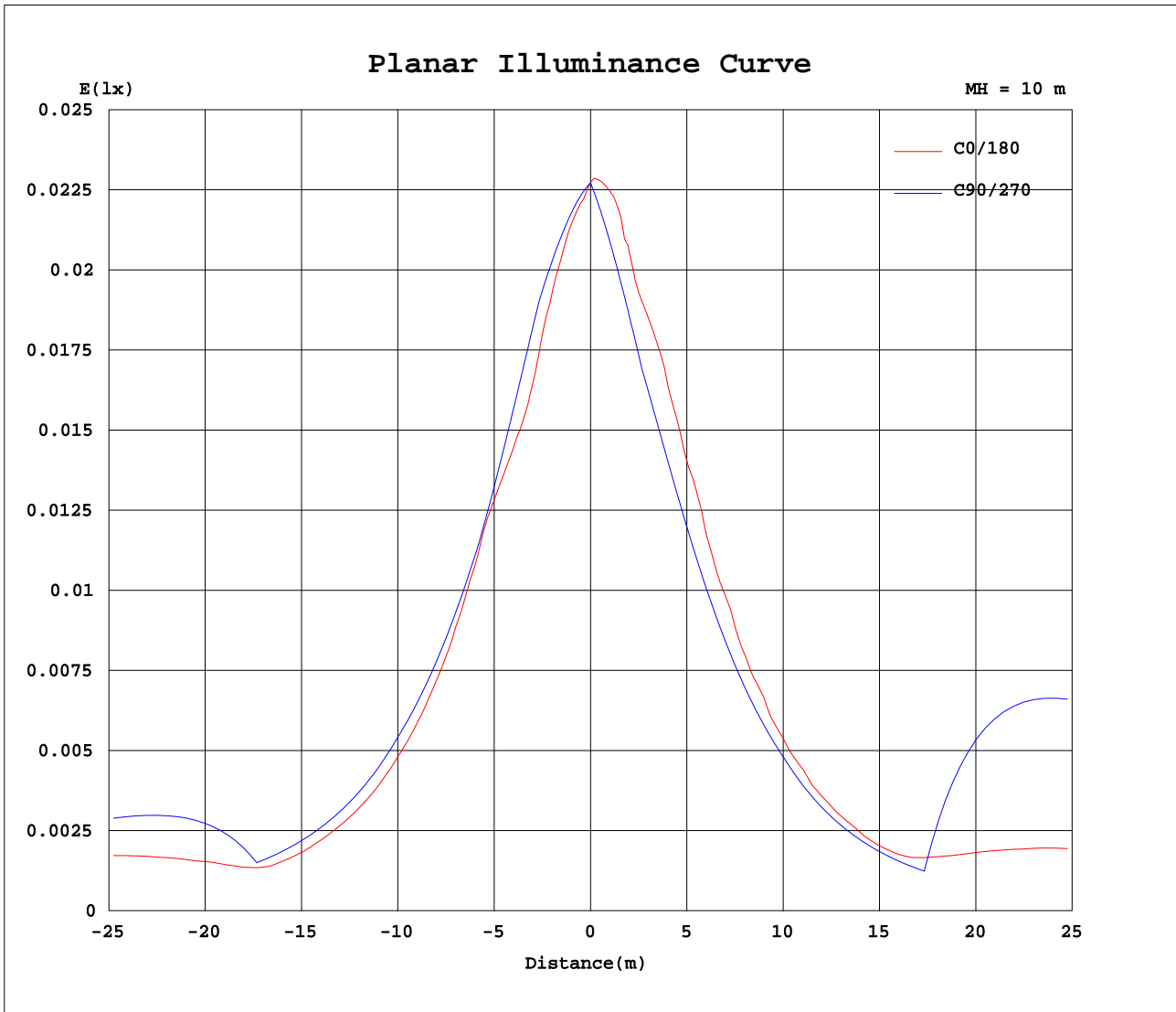
ISOLUX DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-09-05

V(B) Range:-180 - 180DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:9.782m [K=1.0000]
 Remarks:

Planar Illuminance Curve

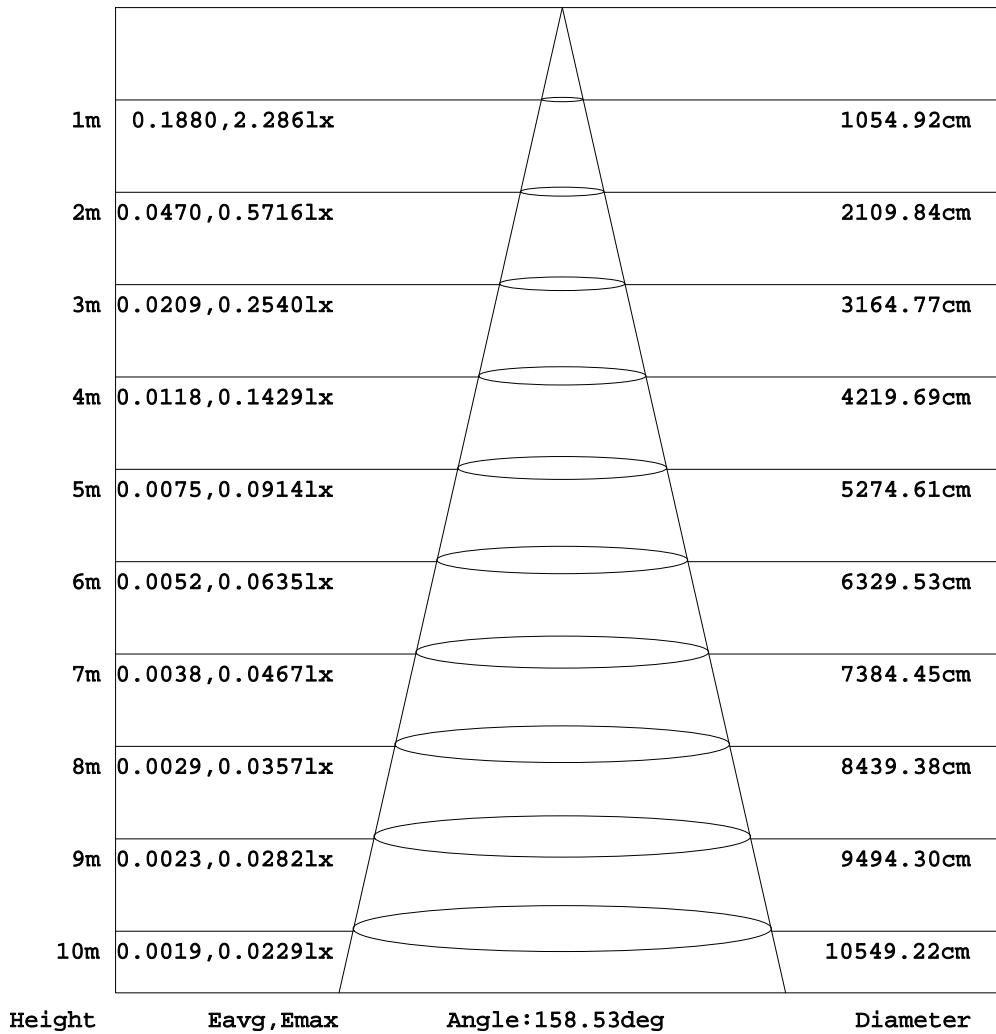


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-09-05

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:9.782m [K=1.0000]
Remarks:

AAI Figure

Flux out:17.20 lm



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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-09-05

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:9.782m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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
-180	0.07	26.1	39.9	51.1	63.2	75.8	88.8	102	115	127	139	150	160	169	177	183	187	189	190
-170	0.07	23.8	38.8	49.4	60.8	72.7	84.8	97.0	109	121	132	142	152	160	167	172	176	178	179
-160	0.08	21.5	37.8	47.7	58.4	69.5	80.8	92.1	103	114	124	134	143	150	157	162	166	168	168
-150	0.09	19.2	36.7	46.1	56.0	66.4	76.9	87.3	97.5	107	117	126	134	141	147	152	155	157	158
-140	0.10	17.1	34.0	42.9	51.8	60.8	69.9	78.9	87.7	96.2	104	112	118	124	130	134	137	138	139
-130	0.11	15.1	31.4	39.8	47.6	55.3	63.0	70.6	77.9	84.9	91.6	97.7	103	108	112	116	118	119	120
-120	0.12	13.0	28.7	36.7	43.4	49.8	56.1	62.2	68.1	73.7	78.9	83.8	88.1	91.9	95.1	97.6	99.4	100	101
-110	0.12	10.7	23.2	29.1	33.0	36.6	39.9	44.0	48.5	52.7	56.4	59.6	61.9	64.7	68.3	70.5	72.0	72.8	72.9
-100	0.13	8.45	17.8	21.4	22.7	23.4	23.8	25.8	28.9	31.7	33.9	35.5	35.7	37.6	41.5	43.5	44.7	45.2	45.1
-90	0.14	6.15	12.3	13.8	12.4	10.2	7.59	7.56	9.26	10.8	11.4	11.4	9.44	10.5	14.7	16.4	17.3	17.5	17.3
-80	0.15	4.21	8.58	9.39	8.63	7.78	6.08	5.79	6.73	7.59	7.99	7.93	6.67	7.37	10.2	11.4	12.0	12.1	12.0
-70	0.16	2.27	4.88	4.94	4.84	5.33	4.57	4.02	4.19	4.41	4.52	4.51	3.90	4.29	5.76	6.34	6.64	6.66	6.58
-60	0.17	0.32	1.18	0.49	1.06	2.89	3.06	2.24	1.66	1.23	1.06	1.08	1.14	1.20	1.29	1.31	1.31	1.24	1.20
-50	0.17	0.39	0.73	1.27	3.90	4.44	3.36	2.22	1.48	1.19	1.19	1.26	1.33	1.40	1.47	1.50	1.48	1.48	1.42
-40	0.17	0.42	0.51	2.56	5.49	4.69	3.01	1.87	1.33	1.22	1.31	1.41	1.50	1.56	1.64	1.66	1.64	1.67	1.61
-30	0.17	0.41	0.51	4.37	5.84	3.62	2.02	1.20	1.20	1.30	1.42	1.54	1.62	1.69	1.78	1.77	1.78	1.80	1.77
-20	0.16	0.42	0.64	5.08	5.20	3.01	1.60	1.21	1.30	1.42	1.55	1.66	1.77	1.85	1.92	1.92	1.99	2.01	2.00
-10	0.16	0.42	0.74	5.53	4.80	2.64	1.37	1.22	1.35	1.50	1.62	1.74	1.87	1.95	2.03	2.03	2.13	2.17	2.16
0	0.16	0.40	0.82	5.72	4.64	2.51	1.33	1.22	1.37	1.52	1.64	1.79	1.92	2.00	2.09	2.11	2.20	2.28	2.27
10	0.15	0.42	0.73	5.49	5.04	2.86	1.50	1.18	1.29	1.43	1.55	1.67	1.78	1.87	1.92	1.93	2.00	2.06	2.01
20	0.15	0.46	0.62	4.95	5.71	3.50	1.95	1.29	1.21	1.32	1.44	1.56	1.64	1.72	1.76	1.77	1.81	1.84	1.79
30	0.15	0.54	0.49	4.09	6.66	4.44	2.69	1.54	1.12	1.20	1.31	1.44	1.52	1.55	1.61	1.62	1.64	1.64	1.62
40	0.14	0.43	0.45	1.98	5.19	5.14	3.50	2.27	1.54	1.20	1.20	1.30	1.38	1.43	1.49	1.50	1.50	1.51	1.45
50	0.14	0.34	0.98	0.75	3.12	4.24	3.39	2.35	1.61	1.16	1.07	1.13	1.20	1.27	1.32	1.34	1.32	1.31	1.24
60	0.13	0.30	2.08	0.39	0.46	1.73	2.36	1.78	1.34	1.08	0.91	0.93	0.98	1.04	1.11	1.14	1.12	1.04	0.99
70	0.12	3.92	6.95	6.68	7.61	9.37	10.7	10.3	12.2	13.1	14.0	15.0	16.0	16.9	17.2	16.8	15.5	14.9	15.5
80	0.12	7.54	11.8	13.0	14.8	17.0	19.1	18.9	23.1	25.1	27.2	29.0	30.9	32.8	33.4	32.5	29.9	28.8	29.9
90	0.11	11.2	16.7	19.3	21.9	24.7	27.5	27.5	34.0	37.2	40.3	43.0	45.9	48.7	49.5	48.1	44.4	42.6	44.4
100	0.10	14.0	22.3	26.9	31.3	35.7	37.7	42.7	49.5	53.9	58.2	62.0	65.8	69.2	71.2	71.3	69.6	68.9	70.1
110	0.09	16.8	27.9	34.5	40.6	46.8	47.9	57.9	65.0	70.7	76.1	81.1	85.7	89.8	92.8	94.5	94.8	95.1	95.9
120	0.08	19.6	33.5	42.1	50.0	57.8	58.1	73.1	80.4	87.4	94.0	100	106	110	114	118	120	121	122
130	0.07	21.5	35.9	45.1	52.7	63.4	67.6	81.6	90.5	99.1	107	115	121	127	133	137	139	141	142
140	0.07	23.3	38.2	48.1	55.4	68.9	77.1	90.2	101	111	120	129	137	145	151	155	159	161	162
150	0.07	25.2	40.5	51.1	58.1	74.4	86.5	98.7	111	122	133	144	153	162	169	174	178	181	182
160	0.07	26.3	41.5	52.6	61.6	77.1	89.9	103	115	128	139	150	160	169	176	182	187	189	190
170	0.07	27.5	42.5	54.1	65.2	79.8	93.2	107	120	133	145	157	167	177	184	190	195	197	198
180	0.08	28.6	43.4	55.6	68.7	82.5	96.6	111	125	138	151	164	174	184	192	198	203	205	206

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-09-05

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:9.782m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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	
-180	189	186	181	175	167	158	148	136	124	111	98.2	85.1	72.2	59.6	47.8	36.9	23.8	0.17	
-170	178	175	171	165	158	149	140	129	118	106	93.6	81.4	69.2	57.5	46.3	36.0	21.9	0.17	
-160	167	165	161	155	148	141	132	122	111	100	89.1	77.7	66.3	55.3	44.8	35.2	20.1	0.17	
-150	157	154	151	145	139	132	124	115	105	94.8	84.5	74.0	63.4	53.2	43.4	34.3	18.3	0.17	
-140	138	136	133	128	123	117	110	102	93.8	85.2	76.3	67.2	58.1	49.1	40.4	32.1	16.0	0.17	
-130	119	117	115	111	107	102	95.9	89.6	82.8	75.6	68.1	60.5	52.7	45.0	37.5	29.9	13.8	0.17	
-120	100	98.9	96.8	94.1	90.7	86.7	82.1	77.1	71.7	66.0	60.0	53.7	47.3	40.9	34.6	27.7	11.6	0.17	
-110	72.6	71.7	70.1	67.8	64.9	62.0	59.1	56.1	52.7	48.7	44.3	40.0	36.2	31.8	27.4	22.4	9.63	0.16	
-100	44.9	44.6	43.4	41.5	39.1	37.3	36.1	35.0	33.7	31.4	28.7	26.3	25.1	22.7	20.2	17.2	7.67	0.16	
-90	17.3	17.4	16.6	15.2	13.3	12.6	13.2	14.0	14.7	14.1	13.1	12.6	14.0	13.7	13.0	12.0	5.72	0.15	
-80	11.9	12.0	11.5	10.5	9.28	8.78	9.12	9.63	10.1	9.71	9.28	9.24	10.1	9.34	8.85	8.31	3.92	0.14	
-70	6.53	6.57	6.34	5.85	5.21	4.93	5.08	5.30	5.53	5.37	5.49	5.86	6.32	5.02	4.66	4.65	2.11	0.13	
-60	1.13	1.14	1.19	1.19	1.14	1.08	1.03	0.97	0.93	1.02	1.71	2.49	2.51	0.70	0.48	0.98	0.31	0.12	
-50	1.35	1.30	1.32	1.34	1.29	1.23	1.15	1.08	1.02	1.13	1.65	2.71	3.90	3.55	0.94	0.60	0.32	0.09	
-40	1.53	1.46	1.45	1.44	1.41	1.35	1.27	1.19	1.10	1.15	1.42	2.46	4.15	5.10	2.08	0.42	0.33	0.08	
-30	1.68	1.62	1.58	1.50	1.48	1.45	1.38	1.29	1.18	1.09	1.02	1.75	3.24	5.37	3.90	0.45	0.36	0.08	
-20	1.90	1.84	1.74	1.65	1.63	1.57	1.48	1.37	1.26	1.14	1.04	1.36	2.64	4.71	4.72	0.48	0.35	0.08	
-10	2.07	1.99	1.86	1.76	1.74	1.67	1.56	1.44	1.32	1.19	1.07	1.14	2.28	4.32	5.22	0.52	0.35	0.07	
0	2.19	2.08	1.93	1.81	1.80	1.74	1.61	1.48	1.36	1.23	1.11	1.07	2.16	4.21	5.40	0.57	0.36	0.07	
10	1.93	1.89	1.82	1.69	1.69	1.61	1.51	1.39	1.29	1.18	1.06	1.26	2.49	4.58	5.24	0.53	0.34	0.07	
20	1.71	1.70	1.68	1.57	1.56	1.50	1.41	1.31	1.22	1.12	1.14	1.68	3.09	5.24	4.69	0.49	0.37	0.07	
30	1.52	1.52	1.51	1.44	1.42	1.38	1.32	1.23	1.15	1.06	1.34	2.33	3.94	6.19	3.74	0.45	0.43	0.07	
40	1.38	1.38	1.36	1.35	1.32	1.26	1.20	1.15	1.13	1.13	1.60	2.80	4.38	4.70	1.70	0.44	0.36	0.07	
50	1.20	1.22	1.20	1.22	1.19	1.13	1.07	1.04	1.03	1.09	1.60	2.62	3.53	2.81	0.60	0.90	0.33	0.07	
60	0.97	1.03	1.05	1.05	1.01	0.98	0.93	0.90	0.86	0.96	1.34	1.78	1.40	0.50	0.45	1.86	0.34	0.08	
70	16.7	17.0	18.4	18.0	17.1	16.1	15.0	13.8	12.7	11.8	11.0	10.3	9.09	7.56	6.65	6.57	3.87	0.10	
80	32.3	33.0	35.7	34.9	33.1	31.2	29.0	26.6	24.5	22.6	20.6	18.7	16.8	14.6	12.9	11.3	7.41	0.11	
90	48.0	49.1	53.0	51.8	49.2	46.3	43.1	39.5	36.4	33.4	30.3	27.2	24.5	21.7	19.1	16.0	10.9	0.13	
100	72.4	72.5	74.2	72.3	69.1	65.5	61.5	57.0	52.7	48.3	43.7	39.1	34.7	30.3	26.0	21.4	13.4	0.14	
110	96.7	95.9	95.5	92.8	89.0	84.7	79.8	74.4	68.9	63.2	57.2	51.1	45.0	38.9	32.9	26.8	15.9	0.15	
120	121	119	117	113	109	104	98.2	91.9	85.2	78.0	70.6	63.0	55.3	47.5	39.8	32.2	18.4	0.16	
130	141	139	136	131	126	120	113	105	96.8	88.1	79.1	69.9	60.8	51.6	42.7	34.2	20.4	0.16	
140	161	158	155	149	143	136	127	118	108	98.1	87.6	76.9	66.2	55.7	45.7	36.2	22.4	0.17	
150	180	178	173	167	160	152	142	131	120	108	96.1	83.9	71.7	59.9	48.6	38.3	24.4	0.17	
160	189	186	181	175	167	158	148	137	125	112	99.6	86.7	73.9	61.5	49.7	38.9	25.0	0.18	
170	197	194	189	182	174	165	154	142	130	117	103	89.5	76.1	63.1	50.8	39.5	25.6	0.18	
180	205	202	197	190	181	171	160	148	135	121	107	92.4	78.3	64.7	51.9	40.1	26.2	0.18	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-09-05

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:9.782m [K=1.0000]
Remarks: