

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

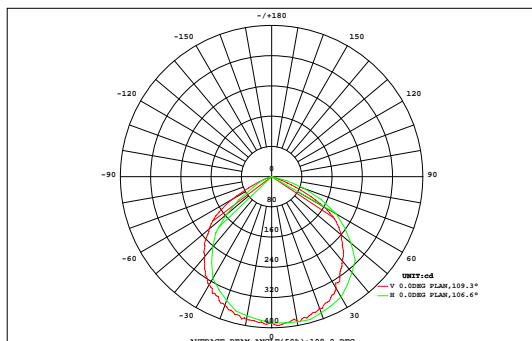
Maximum Intensity (Luminaire orientation as tested.)		403.0 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	139.0V x 135.4H 106.3V x 109.3H 51.7V x 49.5H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	998.9 lumens per klm. 982.9 lumens per klm. 799.9 lumens per klm. 238.4 lumens per klm.
	Upward LOR Downward LOR	0.0 % 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:
Test Date:2019-03-01

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:9.900m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.0520A P:10.40W PF:0.8610 Lamp Flux:977.984x1 lm		
NAME: TE03-JTGD125W104SMDGY-10LF	TYPE:60079615	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:94.04lm/W	
MODEL	108880033088	Imax(cd)	394.1
NOMINAL POWER(W)	10.4	AVAILABILITY(%)	98.7
RATED VOLTAGE(V)	230.1	Avai. FLUX(lm)	964.8
NOMINAL FLUX(lm)	977.984	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	978.0
TEST VOLTAGE(V)	230.1	θ @50%(H,V)	109,106DEG

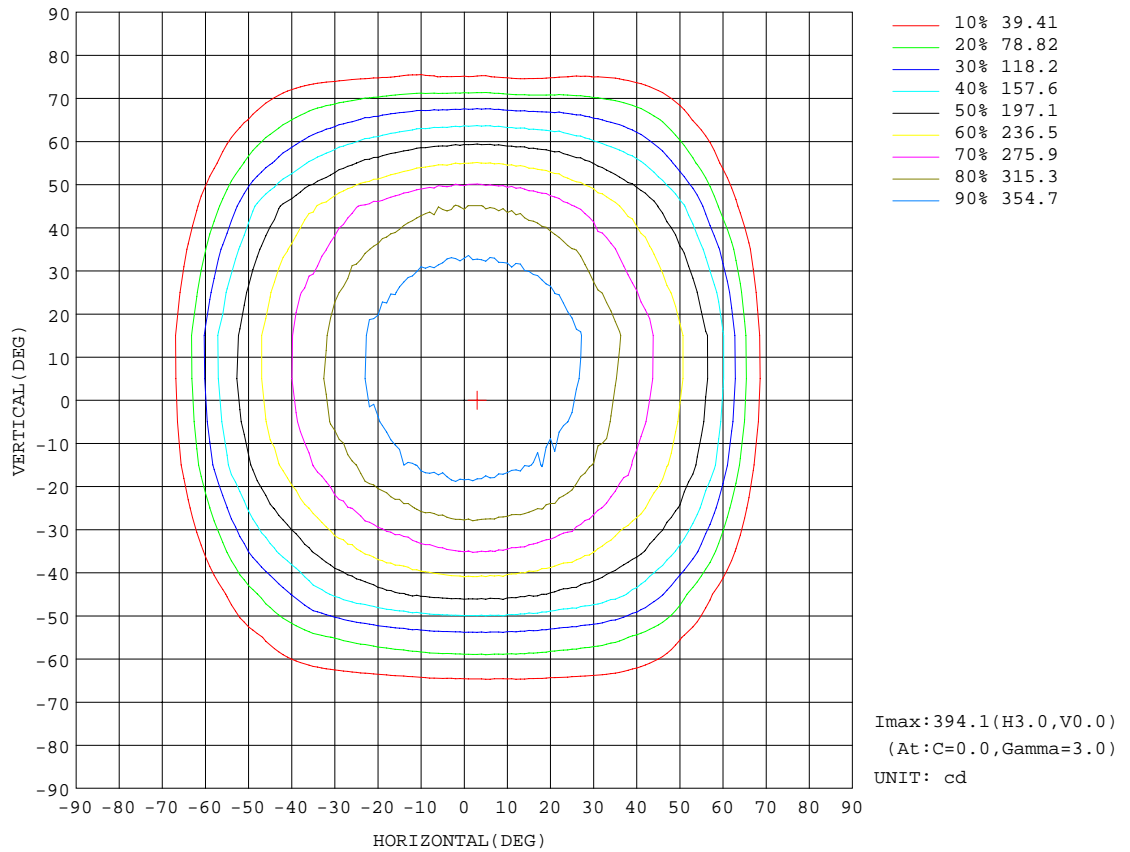
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a	
	0.00	0.00	0.01	0.03	0.24	0.52	0.71	0.88	0.91	0.89	0.78	0.81	0.67	0.33	0.05	0.01	0.00	0.00			6.85
90	0.00	0.00	0.01	0.03	0.24	0.52	0.71	0.88	0.91	0.89	0.78	0.81	0.67	0.33	0.05	0.01	0.00	0.00	6.85	5.94	
80	0.00	0.01	0.04	0.41	1.30	2.35	3.24	3.93	4.30	4.37	4.08	3.59	2.80	1.72	0.56	0.06	0.00	0.00	32.8	31.9	
70	0.00	0.01	0.12	0.92	2.45	4.04	5.45	6.50	7.14	7.25	6.81	5.87	4.55	3.00	1.19	0.18	0.01	0.00	55.5	55.0	
60	0.00	0.01	0.30	1.71	3.91	5.81	7.52	8.70	9.46	9.52	8.93	7.69	6.03	4.26	2.13	0.43	0.02	0.00	76.4	76.0	
50	0.00	0.02	0.50	2.32	4.59	6.59	8.43	9.78	10.5	10.6	10.0	8.72	6.86	4.92	2.82	0.74	0.03	0.00	87.4	87.1	
40	0.00	0.03	0.69	2.81	5.11	7.21	9.17	10.6	11.3	11.4	10.9	9.53	7.56	5.47	3.36	1.00	0.05	0.00	96.2	96.0	
30	0.00	0.04	0.84	3.07	5.33	7.52	9.59	11.0	11.8	11.8	11.2	9.91	7.99	5.80	3.63	1.17	0.06	0.00	101	100	
20	0.00	0.04	0.83	3.09	5.34	7.60	9.59	11.0	11.7	11.8	11.2	9.93	7.91	5.77	3.63	1.18	0.06	0.00	101	100	
10	0.00	0.04	0.78	2.99	5.23	7.45	9.39	10.8	11.5	11.6	11.0	9.75	7.72	5.65	3.53	1.12	0.06	0.00	98.7	98.4	
0	0.00	0.03	0.65	2.68	4.85	6.87	8.79	10.2	11.1	11.1	10.4	9.18	7.33	5.36	3.24	0.91	0.04	0.00	92.7	92.4	
-10	0.00	0.02	0.44	2.07	4.16	6.04	7.77	9.06	9.86	9.96	9.39	8.27	6.59	4.79	2.69	0.64	0.02	0.00	81.8	81.4	
-20	0.00	0.01	0.24	1.44	3.28	5.01	6.53	7.64	8.35	8.48	8.00	7.03	5.60	3.97	1.99	0.38	0.01	0.00	68.0	67.6	
-30	0.00	0.01	0.09	0.74	2.04	3.58	4.83	5.74	6.24	6.30	5.91	5.15	4.13	2.67	1.00	0.14	0.01	0.00	48.6	48.0	
-40	0.00	0.01	0.04	0.30	0.97	1.77	2.39	2.86	3.16	3.21	3.03	2.65	2.11	1.29	0.43	0.05	0.01	0.00	24.3	23.2	
-50	0.00	0.00	0.01	0.03	0.21	0.43	0.58	0.71	0.84	0.87	0.85	0.74	0.57	0.28	0.05	0.01	0.00	0.00	6.18	0.93	
-60	0.00	0.00	0.01	0.01	0.04	0.08	0.11	0.13	0.15	0.15	0.15	0.13	0.10	0.06	0.02	0.01	0.00	0.00	1.14	0.00	
-70	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	0.00	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	
-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	
	0.02	0.26	5.57	24.6	49.1	72.9	94.1	110	118	119	113	98.9	78.5	55.3	30.3	8.04	0.40	0.01	978	---	
Φ t																					
Φ a																					
	0.00	0.00	4.00	23.6	48.3	72.2	93.4	109	118	118	112	98.2	77.9	54.6	29.4	6.70	0.00	0.00	---	965	
	0.00	0.00	4.00	23.6	48.3	72.2	93.4	109	118	118	112	98.2	77.9	54.6	29.4	6.70	0.00	0.00	---	965	

one-half-peak spread: U:46.4,D:60.3 , L:41.1,R:42.7 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG	V(B) Range:-75 - 75DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:9.900m [K=1.0000]
Test Date:2019-03-01	Remarks:

ISOCANDELA DIAGRAM

Test:U:230.1V I:0.0520A P:10.40W PF:0.8610 Lamp Flux:977.984x1 lm		
NAME: TE03-JTGD125W104SMDGY-10LF	TYPE:60079615	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

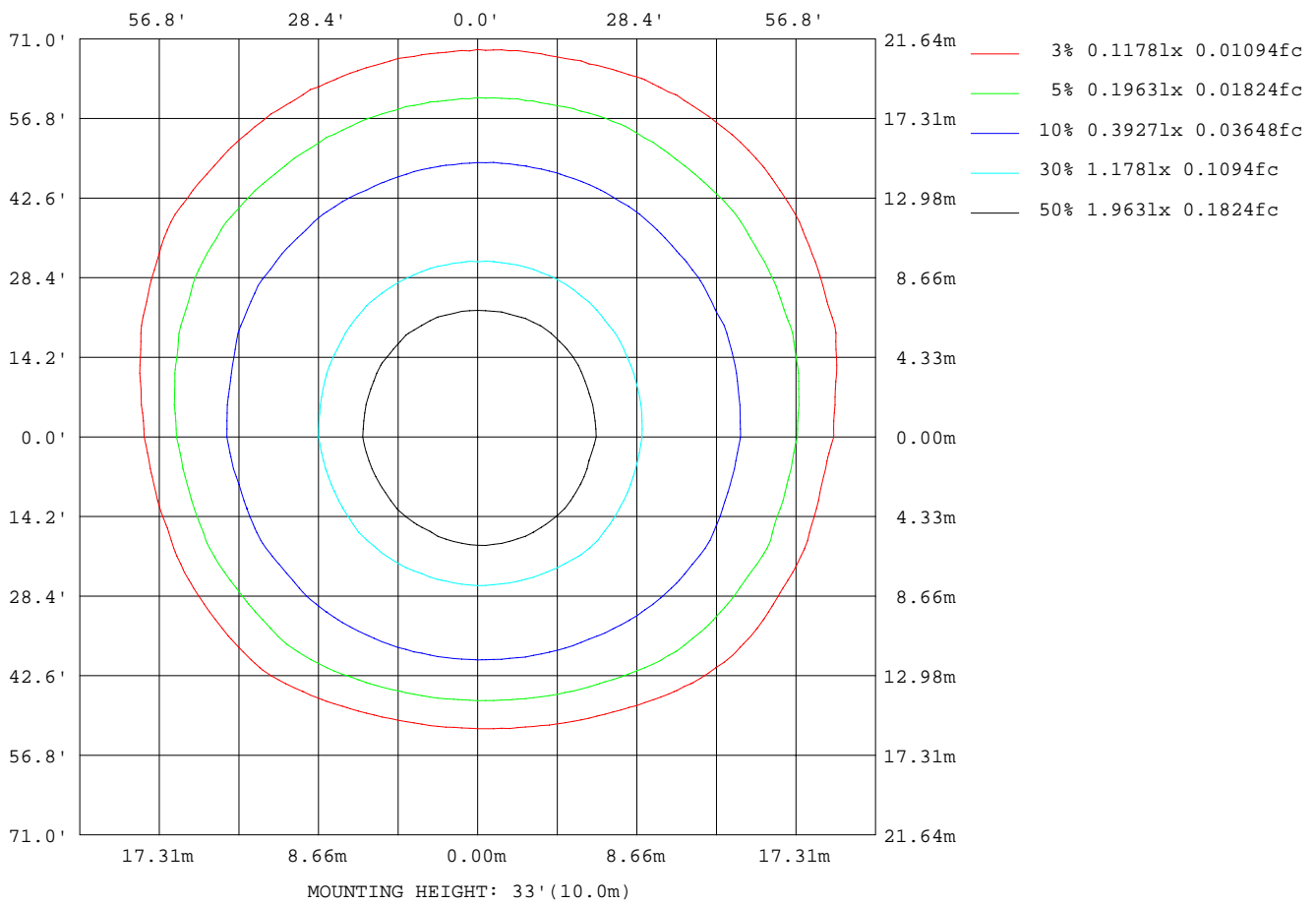


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-01

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
 Humidity:65.0%
 Test Distance:9.900m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.1V I:0.0520A P:10.40W PF:0.8610 Lamp Flux:977.984x1 lm		
NAME: TE03-JTGD125W104SMDGY-10LF	TYPE:60079615	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

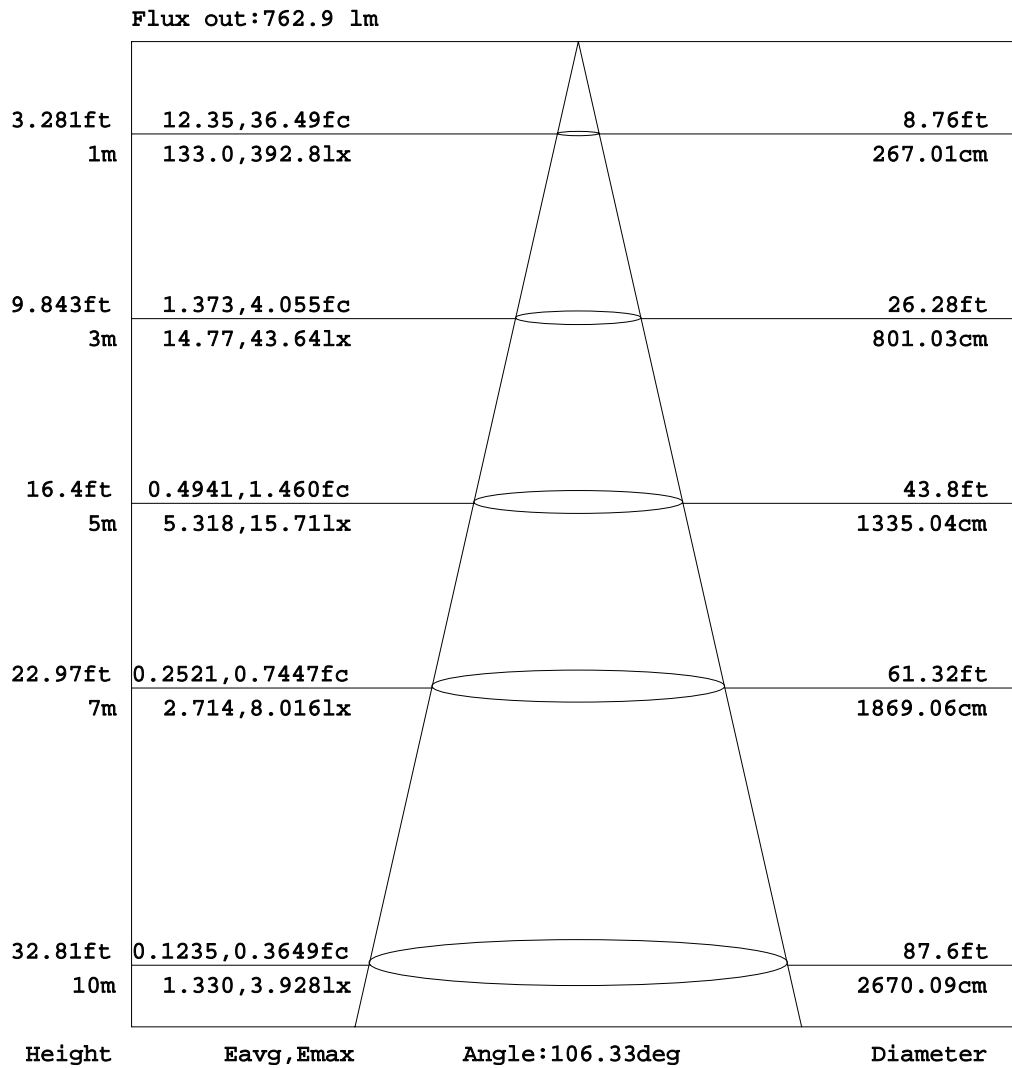


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-01

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
 Humidity:65.0%
 Test Distance:9.900m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.1V I:0.0520A P:10.40W PF:0.8610 Lamp Flux:977.984x1 lm		
NAME: TE03-JTGD125W104SMDGY-10LF	TYPE:60079615	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

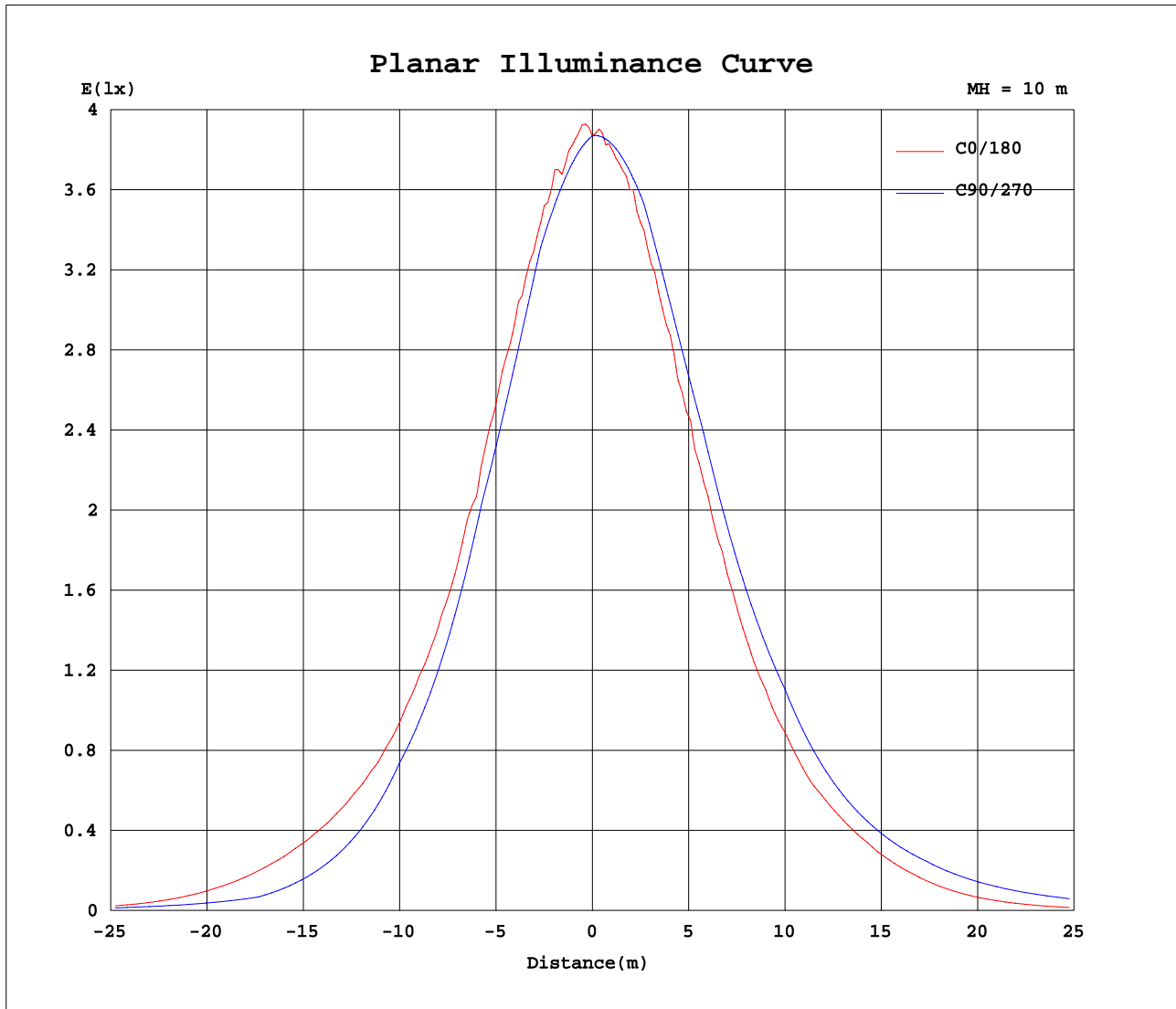


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-03-01

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:9.900m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-03-01

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:9.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.0520A P:10.40W PF:0.8610 Lamp Flux:977.984x1 lm		
NAME: TE03-JTGD125W104SMDGY-10LF	TYPE:60079615	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

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	0.00	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
-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	0.00
-80	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
-75	0.05	0.14	0.19	0.30	0.44	0.59	0.64	0.62	0.60	0.57	0.54	0.54	0.64	0.80	0.89	0.88	0.88	0.87	0.87
-70	0.05	0.15	0.32	0.42	0.54	0.68	0.80	1.66	3.90	7.21	10.2	12.0	13.4	14.6	15.7	16.7	17.7	18.5	18.8
-65	0.05	0.16	0.44	0.54	0.63	0.76	0.97	2.70	7.21	13.9	19.9	23.5	26.2	28.5	30.5	32.4	34.5	36.2	36.7
-60	0.05	0.17	0.57	0.66	0.73	0.85	1.14	3.74	10.5	20.5	29.6	35.0	39.0	42.3	45.4	48.2	51.3	53.8	54.7
-55	0.04	0.19	0.59	0.70	0.84	2.15	6.75	16.1	29.9	44.9	59.5	72.2	80.0	87.0	92.7	97.3	101	105	106
-50	0.03	0.22	0.60	0.73	0.96	3.45	12.4	28.5	49.3	69.3	89.4	109	121	132	140	146	152	155	157
-45	0.02	0.25	0.62	0.76	1.08	4.75	18.0	40.8	68.8	93.7	119	147	162	177	187	196	202	206	209
-40	0.01	0.29	0.62	0.81	2.24	10.5	30.2	60.5	93.9	122	147	173	191	205	218	226	234	239	243
-35	0.01	0.33	0.62	0.87	3.40	16.2	42.5	80.1	119	150	175	199	220	234	249	256	267	272	277
-30	0.00	0.37	0.62	0.92	4.55	21.9	54.8	99.8	144	178	204	225	249	263	279	287	299	305	311
-25	0.00	0.39	0.63	1.04	7.34	29.3	69.0	118	161	194	220	242	266	280	298	307	320	324	330
-20	0.00	0.41	0.64	1.17	10.1	36.7	83.2	136	177	210	236	259	282	298	317	327	340	343	349
-15	0.00	0.43	0.65	1.29	12.9	44.1	97.5	154	193	227	252	277	299	315	336	348	360	362	368
-10	0.00	0.45	0.67	1.47	14.6	48.3	105	163	201	235	260	286	309	326	345	357	368	370	374
-5	0.00	0.48	0.69	1.64	16.2	52.6	113	171	209	244	268	296	320	337	354	367	376	379	381
0	0.00	0.50	0.72	1.82	17.9	56.8	120	180	217	252	276	306	330	348	362	377	384	387	387
5	0.00	0.51	0.72	1.84	18.0	57.4	121	180	216	251	276	304	330	348	362	376	384	387	389
10	0.00	0.53	0.72	1.87	18.1	57.9	122	179	214	249	275	302	330	348	362	375	384	388	390
15	0.00	0.54	0.73	1.89	18.2	58.4	122	178	213	248	274	300	330	348	362	375	384	388	392
20	0.00	0.53	0.71	1.66	15.8	52.8	112	169	207	241	268	293	321	340	354	366	377	380	384
25	0.00	0.53	0.69	1.43	13.3	47.1	102	160	200	235	263	286	311	331	346	358	370	372	376
30	0.00	0.52	0.67	1.20	10.9	41.5	91.2	151	194	229	257	278	302	323	338	350	363	364	368
35	0.00	0.50	0.65	1.09	8.49	34.1	77.9	132	178	213	241	263	286	307	320	332	344	347	349
40	0.00	0.47	0.63	0.98	6.06	26.8	64.6	113	161	198	225	248	270	291	302	314	326	330	331
45	0.00	0.44	0.61	0.87	3.63	19.4	51.3	94.9	145	182	209	232	254	275	284	296	307	313	313
50	0.00	0.35	0.59	0.80	2.72	13.9	38.5	74.0	116	149	175	198	218	236	246	258	268	273	274
55	0.00	0.26	0.58	0.72	1.80	8.42	25.6	53.2	86.2	116	141	163	181	197	208	219	228	233	236
60	0.00	0.17	0.57	0.65	0.88	2.90	12.7	32.3	56.9	82.9	107	128	145	158	170	181	189	193	198
65	0.00	0.13	0.52	0.62	0.77	2.15	8.73	22.1	40.0	60.1	79.0	95.0	107	117	126	134	140	142	145
70	0.00	0.08	0.47	0.58	0.67	1.40	4.76	11.9	23.0	37.3	50.9	61.6	68.9	75.8	81.3	86.9	90.7	90.9	92.5
75	0.00	0.04	0.43	0.55	0.56	0.65	0.78	1.63	6.12	14.5	22.7	28.1	31.1	34.7	37.0	40.0	41.6	39.7	39.9
80	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
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	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-03-01

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:9.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.0520A P:10.40W PF:0.8610 Lamp Flux:977.984x1 lm		
NAME: TE03-JTGD125W104SMDGY-10LF	TYPE:60079615	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(β) \ V(β)	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	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
-75	0.93	1.04	1.13	1.22	1.22	1.14	1.00	0.69	0.65	0.65	0.61	0.59	0.57	0.55	0.51	0.36	0.22	0.06
-70	19.2	18.9	18.9	18.2	17.6	16.7	15.5	12.9	9.79	5.73	2.71	1.07	0.68	0.60	0.53	0.41	0.24	0.05
-65	37.5	36.8	36.6	35.2	33.9	32.4	30.0	25.1	18.9	10.8	4.81	1.55	0.80	0.65	0.56	0.46	0.25	0.05
-60	55.7	54.7	54.4	52.1	50.3	48.0	44.5	37.3	28.1	15.9	6.91	2.03	0.92	0.71	0.59	0.51	0.27	0.05
-55	107	105	103	99.7	95.7	91.5	85.3	74.6	60.3	41.2	23.0	9.93	3.29	0.91	0.62	0.51	0.29	0.05
-50	158	155	151	147	141	135	126	112	92.5	66.6	39.1	17.8	5.66	1.11	0.65	0.51	0.31	0.04
-45	209	205	200	195	187	179	167	149	125	91.9	55.2	25.7	8.03	1.30	0.69	0.51	0.33	0.03
-40	243	239	234	228	220	208	194	177	153	122	83.0	44.0	16.6	3.56	0.77	0.51	0.33	0.02
-35	277	273	268	262	254	238	222	205	181	151	111	62.2	25.3	5.81	0.86	0.52	0.33	0.01
-30	311	307	303	296	287	267	249	233	209	181	139	80.4	33.9	8.07	0.95	0.52	0.33	0.00
-25	328	325	320	312	302	283	264	246	223	195	155	98.1	43.8	11.6	1.26	0.53	0.33	0.00
-20	346	343	338	328	318	299	279	258	237	209	171	116	53.7	15.1	1.58	0.53	0.32	0.00
-15	364	361	356	344	333	314	294	271	251	223	187	133	63.6	18.6	1.89	0.53	0.32	0.00
-10	372	370	364	353	343	323	301	278	256	229	194	142	71.0	21.5	2.51	0.55	0.32	0.00
-5	381	379	373	362	353	332	308	284	261	234	202	151	78.5	24.5	3.13	0.57	0.33	0.00
0	390	387	382	370	362	341	315	291	266	239	209	160	85.9	27.4	3.76	0.59	0.33	0.00
5	391	388	382	372	362	340	317	293	267	240	208	160	85.1	27.1	3.64	0.59	0.34	0.00
10	392	388	382	373	362	339	319	295	268	240	207	160	84.3	26.8	3.52	0.58	0.34	0.00
15	392	389	383	375	362	337	321	297	269	241	206	160	83.4	26.5	3.41	0.58	0.34	0.00
20	383	381	375	367	353	329	312	287	261	233	198	149	76.3	24.2	3.00	0.58	0.34	0.00
25	374	373	368	359	344	321	303	277	253	224	189	139	69.2	21.8	2.60	0.57	0.34	0.00
30	365	364	360	350	335	313	294	267	245	216	181	128	62.0	19.5	2.20	0.57	0.33	0.00
35	347	346	341	331	316	297	276	252	228	199	161	108	50.9	15.4	1.77	0.54	0.33	0.00
40	330	328	322	312	296	280	259	237	212	183	141	87.6	39.9	11.4	1.33	0.51	0.32	0.00
45	313	310	303	293	277	264	242	222	196	166	122	67.3	28.8	7.35	0.90	0.48	0.32	0.00
50	275	271	265	257	243	230	211	193	168	136	95.6	51.1	20.9	5.29	0.80	0.45	0.29	0.00
55	236	233	227	221	209	196	181	164	139	106	69.5	34.9	13.1	3.23	0.70	0.42	0.26	0.00
60	198	194	190	185	176	163	150	135	111	76.6	43.4	18.7	5.20	1.17	0.61	0.39	0.23	0.00
65	145	142	138	136	130	121	112	99.6	80.7	54.3	30.1	12.8	3.70	0.96	0.54	0.37	0.18	0.00
70	92.8	89.2	86.6	86.5	85.1	80.2	74.7	64.6	50.3	32.0	16.8	6.95	2.20	0.74	0.48	0.35	0.13	0.00
75	40.4	36.8	35.0	37.2	39.8	39.0	37.0	29.6	19.9	9.64	3.43	1.09	0.70	0.53	0.41	0.34	0.09	0.00
80	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
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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-03-01

V(β) Range:-75 - 75DEG
V(β) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:9.900m [K=1.0000]
Remarks:

50% Beam Angle : 109°-H X 106°-V one-half-peak spread: U:46.4,D:60.3 , L:41.1,R:42.7

TOTAL FLUX : 978.0 lm

LOR : 100.0%

AVAILABILITY FLUX : 964.8 lm

AVAILABILITY : 98.7%

