



TECHNICAL INFORMATION

Watts:	15
Lumens:	1600
Unit Color:	Black
Body Type:	ABS + PC
LED Chip Type:	SMD
Operation Temperature:	-25°C to +50°C
Dimmable:	No
Beam Angle:	140°
Color Temperature:	4000K
Dimension:	413x232x58mm
Detection Distance:	3-8m
Detection Angle:	120
Battery Type:	7.4V Lithium Battery, 10800mAh
Charging Time:	6-7 Hours
Working Time:	2-36 Hours
No. Of Led:	40
ULR Percentage:	0.3

SOLAR STREETLIGHTS | LED LIGHTING

V-TAC's LED Lighting range includes lighting that fulfills the needs of various end-users and industries, offering efficient and innovative products that provide modern solutions at an affordable price. We are proud to also provide an extended multi-year warranty on our products, as well as detailed support.

One brand, endless solutions..

SKU: 8549 - 1281 938

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FEATURES

- Uses Solar Panel for efficient photovoltaic conversion and lengthy lifespan
- Auto On/Off Lights - PIR Sensor
- Easy Installation - No Wiring
- Dust-Heat-Waterproof-UV Protected ABS plastic body which ensures the durability
- Zero electricity cost - Solar Powered
- Suitable for Pathways, Garden, Patio and similar outdoor environment

CE/LVD CE/EMC



PACKAGING

Gross Weight (Kgs): 2.485
Unit CBM: 0.008008
Dimension: 413x232x58mm

MASTER BOX PACKAGING

Box Qty: 10
Qty Per Pallet: 160
Length (Box) mm: 70
Width (Box) mm: 260
Height (Box) mm: 440

LISTING DETAILS

Commodity Code: 9405411000
Ean Code: 3800157639217

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

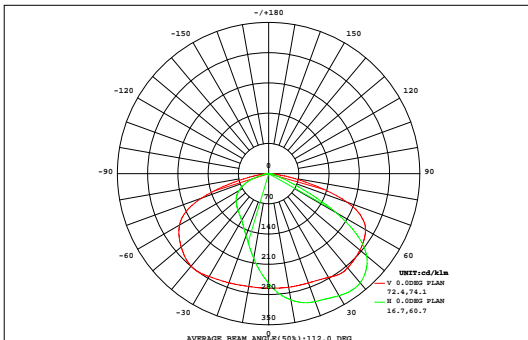
Maximum Intensity (Luminaire orientation as tested.)		443.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	143.8V x 158.8H 82.6V x 131.8H 47.2V x 114.4H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.0 lumens per klm. 968.2 lumens per klm. 673.6 lumens per klm. 102.0 lumens per klm.
	Upward LOR Downward LOR	0.3 % 99.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.100m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:0 Freq:0Hz Lamp Flux:1614.49x1 lm		
NAME: VT-ST15	TYPE: SOLAR STREETLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: V-TAC	SUR.:	Shielding Angle:



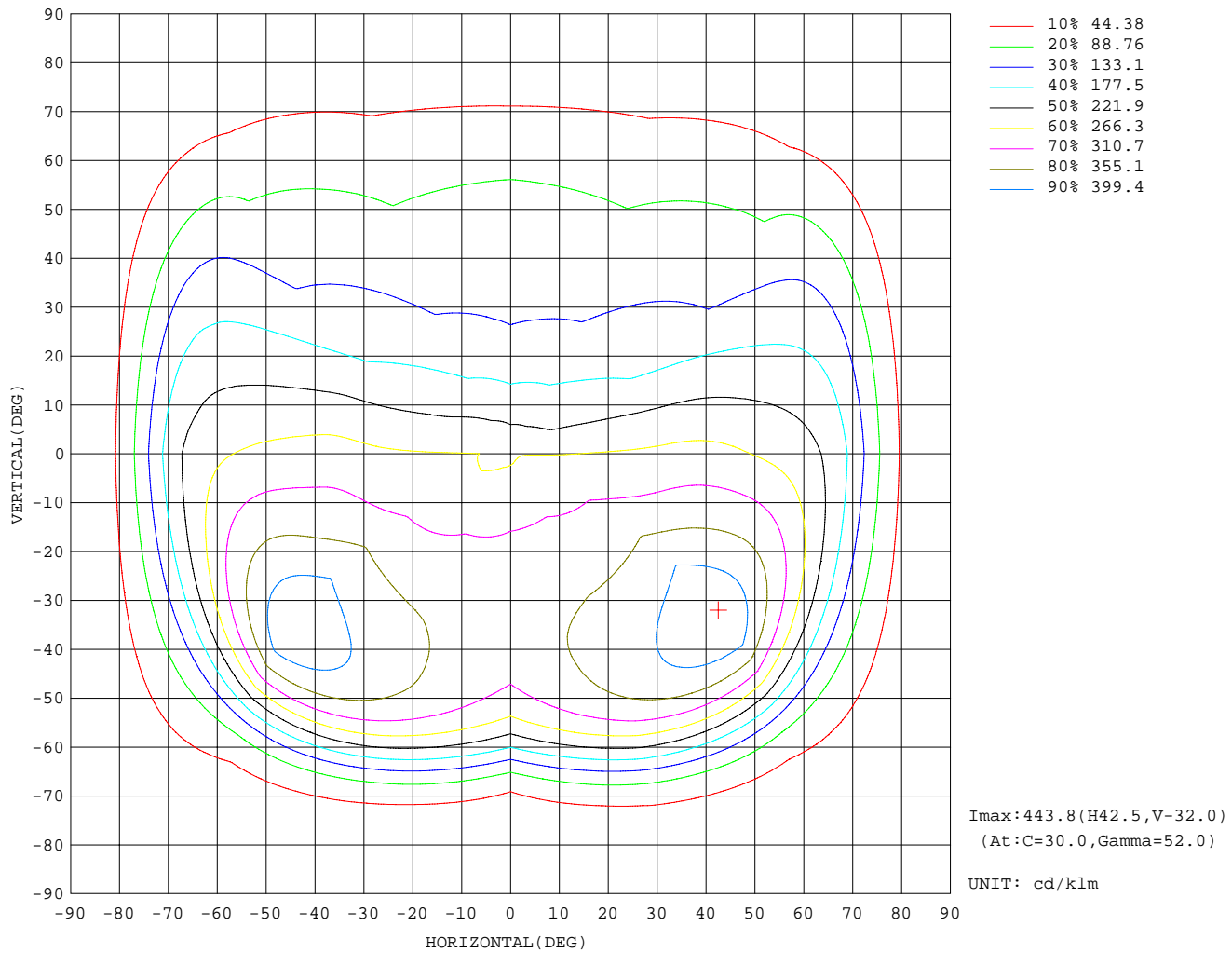
DATA OF LAMP		PHOTOMETRIC DATA	
MODEL	VT-ST15	I _{max} (cd/klm)	443.8
NOMINAL POWER(W)	15w	AVAILABILITY(%)	96.9
RATED VOLTAGE(V)	0	Avai. FLUX(lm/klm)	968.8
NOMINAL FLUX(lm)	1614.49	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm/klm)	1000
TEST VOLTAGE(V)	0	θ @50%(H,V)	132,83DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm/klm		Φ t	Φ a	
	0.01	0.05	0.09	0.14	0.20	0.25	0.26	0.23	0.16	0.16	0.22	0.26	0.23	0.16	0.10	0.06	0.03			0.01
90	0.01	0.05	0.09	0.14	0.20	0.25	0.26	0.23	0.16	0.16	0.22	0.26	0.23	0.16	0.10	0.06	0.03	0.01	2.61	0.00
80	0.02	0.09	0.23	0.44	0.64	0.77	0.82	0.85	0.82	0.82	0.83	0.79	0.71	0.56	0.36	0.18	0.06	0.01	9.00	0.45
70	0.02	0.16	0.50	0.87	1.24	1.46	1.59	1.82	1.95	1.95	1.81	1.56	1.37	1.10	0.73	0.40	0.13	0.02	18.7	16.5
60	0.03	0.28	0.87	1.41	1.84	2.13	2.26	2.53	2.71	2.70	2.51	2.23	2.02	1.68	1.22	0.71	0.22	0.02	27.4	26.8
50	0.04	0.42	1.32	1.96	2.33	2.70	2.82	3.02	3.17	3.16	2.98	2.75	2.55	2.13	1.74	1.11	0.33	0.03	34.5	34.3
40	0.05	0.58	1.77	2.57	2.88	3.29	3.48	3.51	3.61	3.59	3.45	3.34	3.08	2.64	2.32	1.53	0.46	0.04	42.2	42.0
30	0.06	0.73	2.18	3.18	3.70	3.99	4.30	4.30	4.29	4.24	4.15	4.07	3.74	3.45	2.92	1.92	0.60	0.04	51.9	51.7
20	0.07	0.87	2.56	3.80	4.63	5.15	5.34	5.48	5.44	5.32	5.22	5.06	4.92	4.42	3.53	2.27	0.71	0.05	64.8	64.7
10	0.07	0.97	2.88	4.40	5.57	6.42	6.78	7.02	7.09	6.86	6.79	6.65	6.27	5.40	4.13	2.58	0.80	0.05	80.7	80.6
0	0.07	0.98	3.08	5.02	6.49	7.50	7.93	8.23	8.36	8.58	8.48	8.10	7.52	6.41	4.76	2.76	0.80	0.05	95.1	95.0
-10	0.06	0.88	3.07	5.62	7.45	8.51	8.91	9.05	9.29	9.45	9.47	9.36	8.79	7.48	5.36	2.76	0.72	0.05	106	106
-20	0.06	0.73	2.84	5.96	8.52	9.60	9.72	9.75	9.76	9.89	10.1	10.1	10.0	8.55	5.67	2.53	0.60	0.04	114	114
-30	0.05	0.56	2.30	5.71	9.14	10.1	10.2	10.3	10.2	10.3	10.6	10.6	10.3	9.02	5.34	2.04	0.46	0.04	117	117
-40	0.04	0.39	1.54	4.41	7.92	9.68	10.2	10.2	9.90	9.98	10.4	10.4	9.64	7.59	4.05	1.35	0.32	0.03	108	108
-50	0.03	0.25	0.83	2.28	4.85	7.08	8.26	8.48	7.99	8.00	8.51	8.26	6.90	4.57	2.09	0.72	0.20	0.02	79.3	78.7
-60	0.02	0.14	0.41	0.80	1.70	2.82	3.66	3.87	3.40	3.41	3.89	3.70	2.79	1.64	0.75	0.35	0.12	0.02	33.5	31.6
-70	0.02	0.08	0.19	0.33	0.52	0.73	0.87	0.87	0.75	0.76	0.90	0.90	0.73	0.50	0.30	0.17	0.07	0.01	8.69	1.42
-80	0.01	0.05	0.08	0.13	0.19	0.25	0.27	0.24	0.19	0.18	0.23	0.25	0.23	0.17	0.11	0.07	0.03	0.01	2.70	0.00
-90	0.01	0.05	0.08	0.13	0.19	0.25	0.27	0.24	0.19	0.18	0.23	0.25	0.23	0.17	0.11	0.07	0.03	0.01	2.70	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.72	8.21	26.7	49.0	69.8	82.4	87.6	89.7	89.1	89.3	90.5	88.4	81.9	67.5	45.5	23.5	6.66	0.55	997	---
Φ a	0.05	6.96	25.4	47.4	68.1	80.5	85.6	87.9	87.3	87.6	88.7	86.4	80.0	65.7	43.9	22.1	5.19	0.00	---	969

one-half-peak spread: U:27.2,D:55.9 , L:24.3,R:22.8 NEMA Beam Type: Type 7

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:11.100m [K=1.0000]
Test Date:2021-09-08	Remarks:

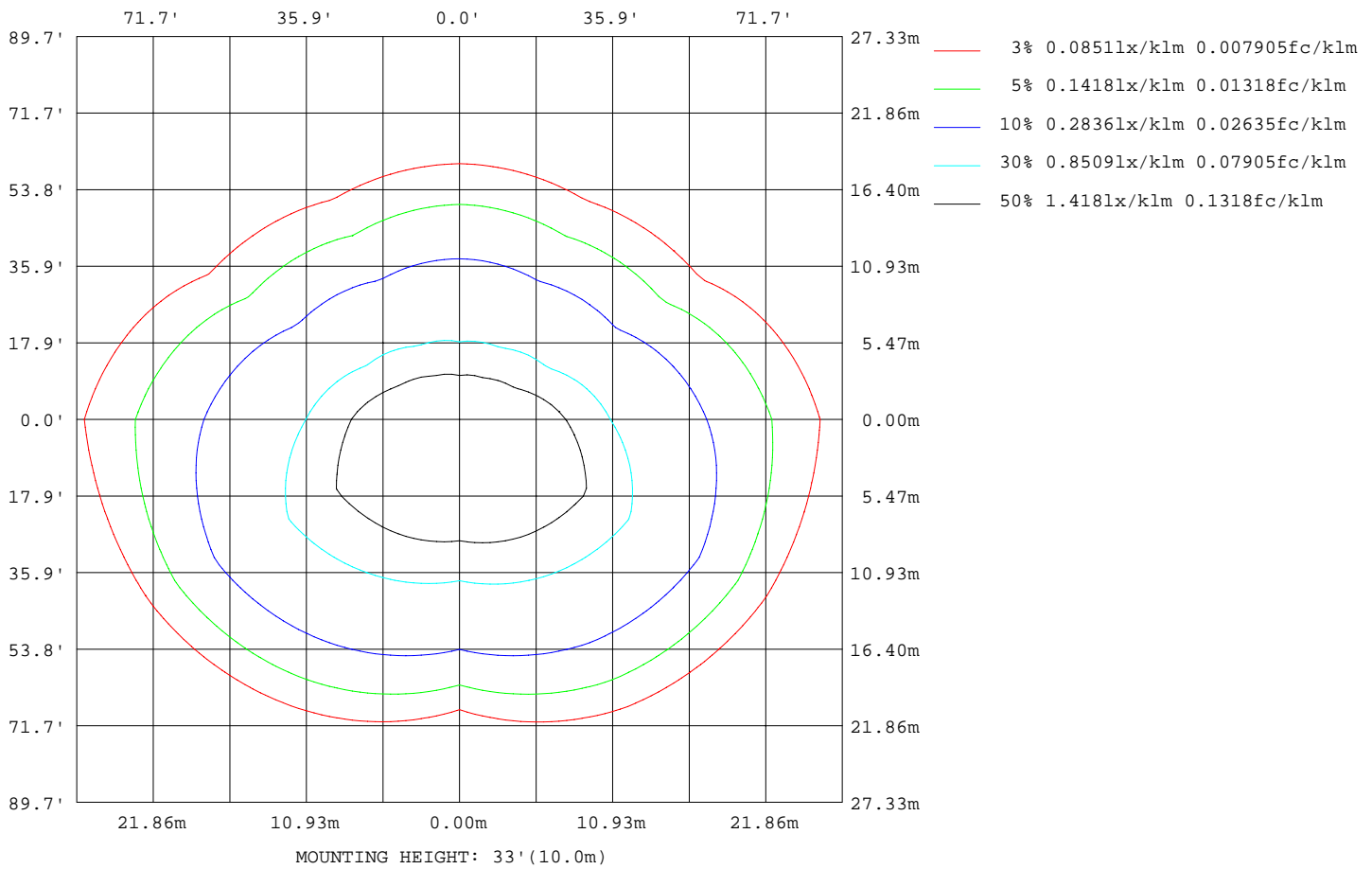
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

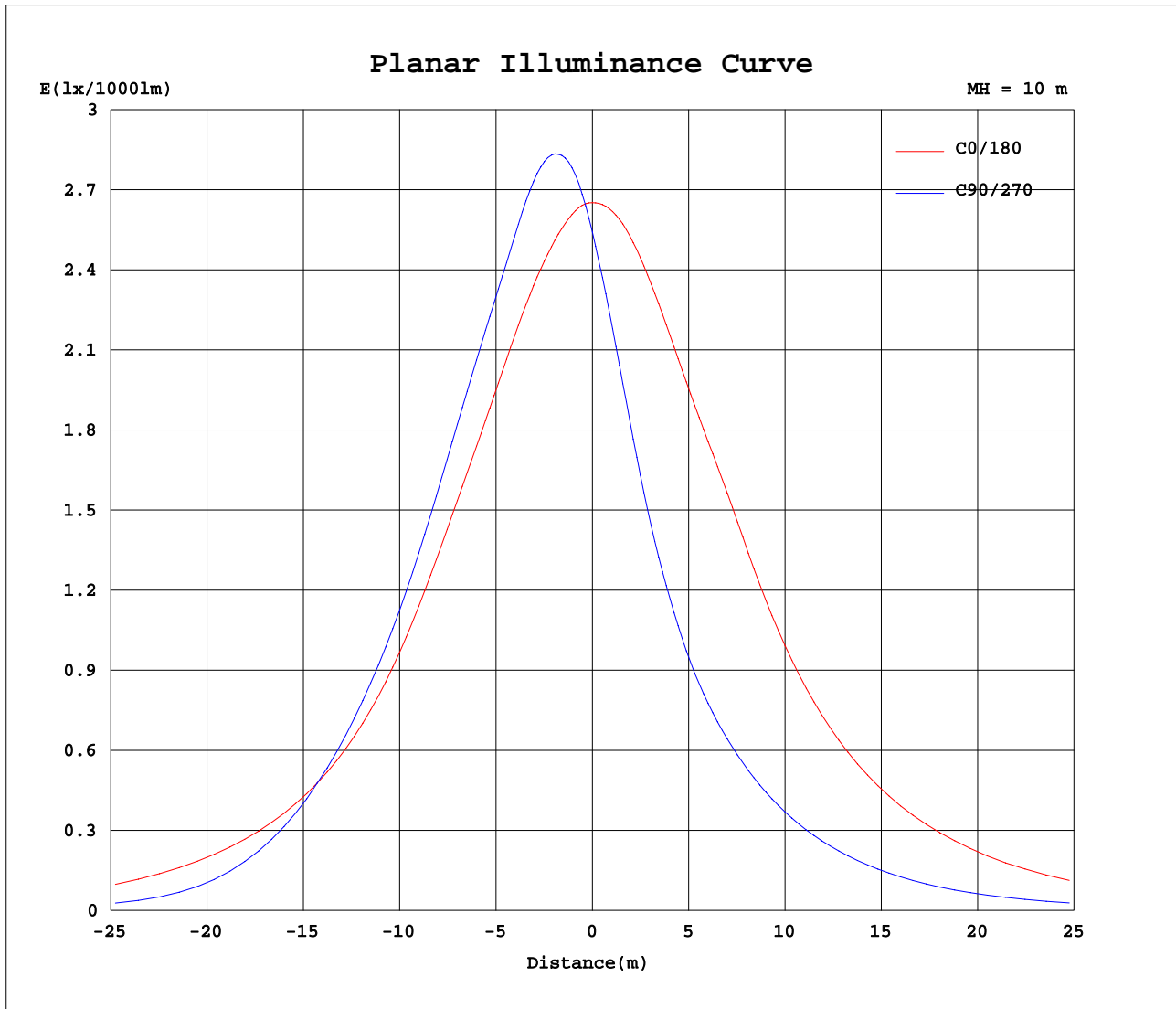
ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

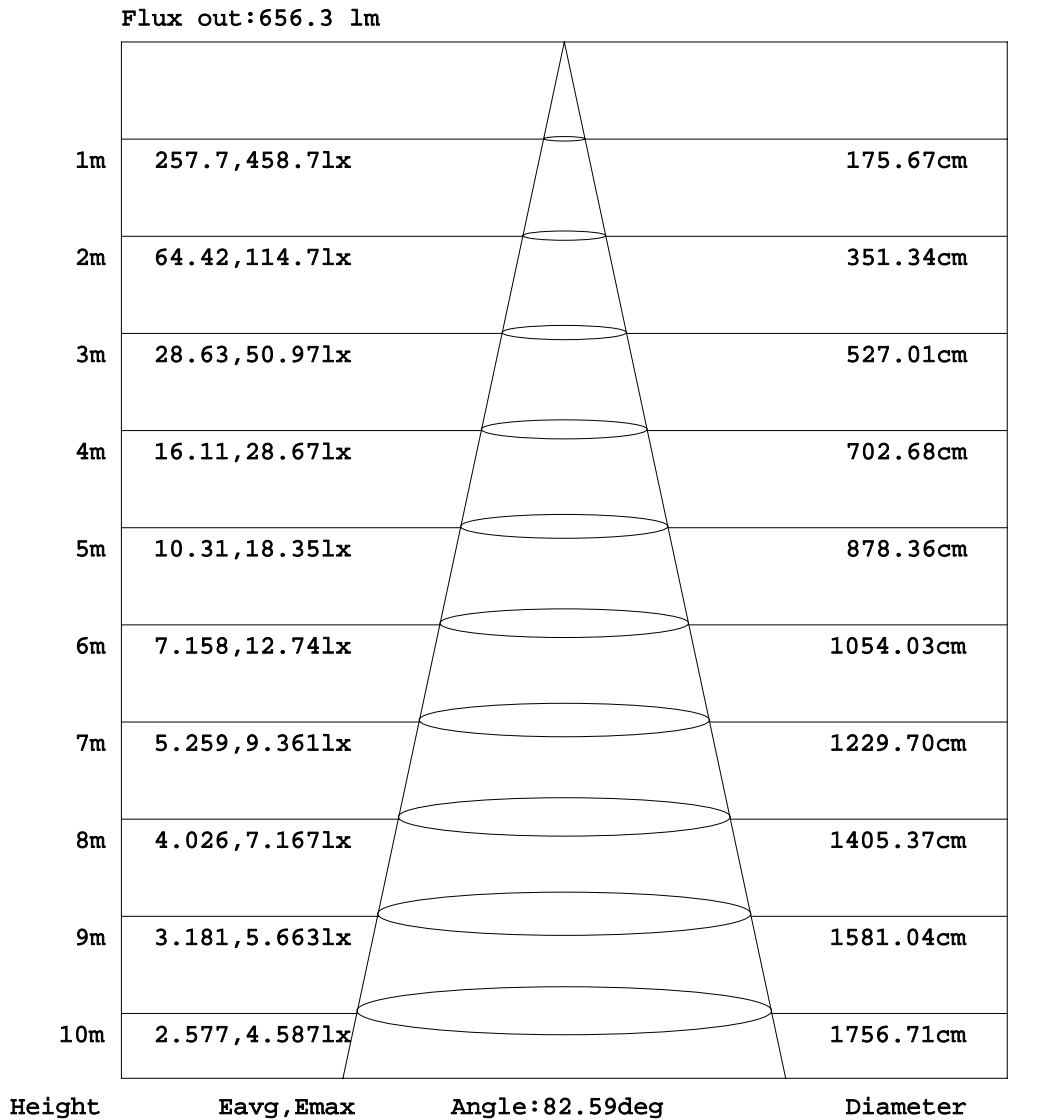
Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

AAI Figure



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

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd/klm

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	4.42	0.15	0.24	0.41	0.54	0.65	0.67	0.67	0.70	0.72	0.72	0.72	0.71	0.72	0.72	0.72	0.72	0.72	0.69
-170	4.42	0.16	0.23	0.37	0.48	0.57	0.59	0.58	0.59	0.60	0.58	0.57	0.55	0.54	0.52	0.51	0.50	0.52	0.55
-160	4.42	0.19	0.20	0.33	0.42	0.49	0.51	0.49	0.49	0.48	0.45	0.42	0.40	0.39	0.39	0.37	0.38	0.40	0.42
-150	4.42	0.25	0.17	0.27	0.35	0.39	0.42	0.40	0.38	0.35	0.33	0.33	0.31	0.29	0.29	0.26	0.27	0.29	0.30
-140	4.42	0.36	0.13	0.21	0.27	0.30	0.31	0.31	0.27	0.26	0.26	0.24	0.23	0.23	0.20	0.20	0.21	0.21	0.22
-130	4.42	0.55	0.10	0.15	0.19	0.21	0.21	0.19	0.19	0.19	0.18	0.16	0.17	0.14	0.14	0.15	0.16	0.16	0.17
-120	4.42	0.95	0.11	0.09	0.12	0.12	0.12	0.11	0.11	0.11	0.10	0.09	0.08	0.07	0.08	0.09	0.10	0.11	0.12
-110	4.42	1.64	0.40	0.08	0.05	0.05	0.04	0.04	0.05	0.04	0.04	0.03	0.01	0.01	0.02	0.02	0.03	0.03	0.04
-100	4.42	2.75	1.45	0.66	0.24	0.05	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	4.42	4.19	3.96	3.72	3.49	3.25	3.02	3.00	2.98	2.97	2.95	2.93	2.92	2.56	2.21	1.86	1.51	1.15	0.80
-80	4.42	5.47	6.57	7.69	8.76	9.73	10.6	12.1	13.7	15.1	16.3	17.3	18.1	17.4	16.4	15.1	13.8	12.2	10.5
-70	4.42	6.80	9.61	13.0	17.4	21.5	23.4	26.8	32.2	38.0	44.4	50.4	55.1	58.2	59.5	58.0	53.8	47.1	38.8
-60	4.42	8.21	13.4	22.6	34.2	43.7	54.1	72.0	104	140	173	199	216	226	226	222	212	197	179
-50	4.42	9.65	19.1	37.9	58.2	84.5	126	190	259	310	342	356	359	354	345	334	322	310	296
-40	4.42	11.1	26.7	55.4	91.7	144	215	299	378	418	420	408	390	374	362	352	344	337	330
-30	4.42	12.5	35.4	74.5	129	198	274	343	394	424	427	398	377	363	352	344	335	330	326
-20	4.42	13.6	43.6	93.7	161	231	292	337	364	372	370	366	359	339	325	319	317	315	315
-10	4.42	14.3	49.7	109	183	241	282	307	320	323	323	321	312	304	299	294	292	294	297
0	4.42	14.7	53.0	118	193	237	259	269	276	281	285	285	278	272	269	268	267	266	265
10	4.42	14.4	50.2	110	176	214	230	235	237	237	236	233	226	219	213	210	209	205	200
20	4.42	13.6	44.6	95.2	153	187	199	201	198	194	188	181	174	173	170	165	159	158	153
30	4.42	12.5	36.8	77.0	125	156	167	166	160	151	144	145	144	140	135	130	130	129	125
40	4.42	11.1	28.1	58.7	93.4	122	133	131	122	119	121	120	118	114	108	110	112	112	111
50	4.42	9.71	20.1	41.3	63.6	84.9	97.0	96.2	95.5	97.6	98.3	97.5	95.0	91.1	92.5	95.1	96.8	97.9	98.3
60	4.42	8.27	13.8	25.4	39.5	51.3	60.3	64.7	70.3	73.2	74.0	73.4	71.5	70.5	73.5	76.0	77.9	79.3	80.0
70	4.42	6.88	9.77	13.6	20.5	27.6	32.0	35.9	39.8	42.6	43.9	43.8	42.5	43.3	45.2	46.7	47.7	48.3	48.3
80	4.42	5.61	6.75	7.90	9.09	10.3	11.7	14.3	16.9	19.0	19.9	20.2	20.1	19.0	17.6	16.0	14.2	12.3	10.2
90	4.42	4.43	4.43	4.43	4.43	4.43	4.43	3.94	3.44	2.95	2.45	1.96	1.46	1.22	0.97	0.73	0.49	0.24	0.00
100	4.42	3.04	1.81	0.93	0.42	0.19	0.11	0.09	0.09	0.10	0.10	0.10	0.10	0.09	0.08	0.07	0.05	0.03	0.01
110	4.42	1.81	0.49	0.13	0.13	0.16	0.21	0.26	0.30	0.33	0.36	0.39	0.41	0.41	0.40	0.38	0.34	0.31	0.26
120	4.42	1.03	0.14	0.15	0.22	0.31	0.40	0.51	0.58	0.64	0.69	0.72	0.74	0.73	0.70	0.67	0.63	0.60	0.56
130	4.42	0.59	0.13	0.22	0.33	0.46	0.59	0.74	0.84	0.89	0.91	0.89	0.86	0.83	0.81	0.79	0.77	0.75	0.72
140	4.42	0.38	0.16	0.29	0.42	0.57	0.72	0.86	0.98	1.01	0.98	0.90	0.86	0.85	0.83	0.83	0.82	0.82	0.82
150	4.42	0.27	0.20	0.34	0.49	0.65	0.79	0.89	0.94	0.94	0.90	0.88	0.86	0.84	0.83	0.83	0.83	0.84	0.84
160	4.42	0.20	0.22	0.38	0.53	0.68	0.77	0.83	0.85	0.84	0.84	0.84	0.84	0.82	0.81	0.80	0.80	0.82	0.84
170	4.42	0.16	0.24	0.40	0.54	0.68	0.73	0.75	0.76	0.78	0.78	0.78	0.77	0.78	0.78	0.78	0.78	0.78	0.78
180	4.42	0.15	0.24	0.41	0.54	0.65	0.67	0.67	0.70	0.72	0.72	0.72	0.71	0.72	0.72	0.72	0.72	0.72	0.69

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd/klm

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	0.74	0.75	0.71	0.71	0.71	0.71	0.71	0.75	0.77	0.77	0.72	0.65	0.55	0.48	0.37	0.21	0.13	1.60	
-170	0.53	0.57	0.57	0.58	0.57	0.58	0.59	0.64	0.65	0.66	0.62	0.58	0.49	0.44	0.34	0.20	0.13	1.60	
-160	0.41	0.39	0.42	0.42	0.43	0.44	0.46	0.50	0.53	0.55	0.53	0.51	0.43	0.38	0.29	0.18	0.14	1.60	
-150	0.30	0.29	0.27	0.30	0.34	0.36	0.37	0.38	0.41	0.43	0.43	0.40	0.37	0.33	0.24	0.16	0.15	1.60	
-140	0.23	0.24	0.25	0.25	0.25	0.27	0.30	0.31	0.32	0.32	0.32	0.31	0.29	0.26	0.20	0.13	0.19	1.60	
-130	0.18	0.18	0.18	0.19	0.18	0.19	0.21	0.22	0.22	0.21	0.21	0.22	0.22	0.18	0.14	0.10	0.27	1.60	
-120	0.12	0.11	0.09	0.08	0.07	0.09	0.11	0.11	0.12	0.13	0.14	0.14	0.13	0.12	0.10	0.09	0.40	1.60	
-110	0.03	0.03	0.02	0.02	0.01	0.02	0.04	0.05	0.06	0.07	0.06	0.06	0.07	0.06	0.07	0.19	0.62	1.60	
-100	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.03	0.10	0.27	0.56	1.00	1.60	
-90	1.05	1.30	1.55	1.80	2.05	2.30	2.24	2.18	2.12	2.06	2.00	1.94	1.88	1.82	1.77	1.71	1.66	1.60	
-80	12.2	13.7	15.0	16.2	17.1	17.7	16.6	15.4	14.0	12.6	11.1	9.63	8.64	7.37	5.89	4.34	2.88	1.60	
-70	47.7	55.0	59.8	61.8	61.1	57.7	51.4	44.3	37.0	30.4	24.7	20.7	18.3	14.9	11.1	7.51	4.25	1.60	
-60	197	212	222	227	226	214	193	165	133	97.9	67.2	48.7	37.3	27.8	18.7	11.2	5.71	1.60	
-50	311	325	337	348	356	358	350	329	293	239	173	113	73.7	48.3	30.0	15.9	7.17	1.60	
-40	340	351	362	374	386	399	412	418	406	357	275	195	126	77.2	44.3	21.5	8.54	1.60	
-30	334	343	354	365	378	394	414	436	423	383	323	250	176	110	60.2	27.6	9.86	1.60	
-20	320	327	333	341	356	377	382	381	375	357	321	269	206	138	76.0	33.4	10.9	1.60	
-10	301	303	310	314	316	321	327	328	323	313	293	261	216	156	88.6	37.9	11.6	1.60	
0	265	265	267	269	271	275	280	280	274	264	253	238	213	165	95.9	40.2	11.9	1.60	
10	199	198	198	203	211	218	225	229	229	225	220	211	191	150	88.6	38.2	11.6	1.60	
20	156	154	158	161	163	162	171	179	183	186	186	181	165	129	76.4	34.0	10.9	1.60	
30	127	128	126	130	134	136	135	132	140	147	151	150	136	103	61.4	28.4	9.74	1.60	
40	111	110	109	106	110	112	113	112	109	110	117	117	104	76.4	46.1	22.3	8.38	1.60	
50	97.6	96.2	94.2	91.5	89.6	91.7	92.3	91.5	89.3	85.6	84.5	82.7	70.1	50.9	32.0	16.2	6.97	1.60	
60	79.1	77.6	75.5	72.9	69.7	69.3	69.4	68.3	65.8	61.5	54.8	49.6	41.3	30.9	20.2	10.9	5.52	1.60	
70	48.0	47.2	45.9	44.2	42.0	40.6	40.6	39.4	37.2	33.8	29.7	25.9	22.0	16.0	10.6	7.03	4.11	1.60	
80	12.2	14.0	15.7	17.3	18.6	19.7	19.1	18.1	16.4	14.0	11.1	8.51	7.47	6.37	5.23	4.05	2.84	1.60	
90	0.17	0.34	0.52	0.69	0.86	1.03	1.27	1.51	1.74	1.98	2.21	2.45	2.31	2.17	2.02	1.88	1.74	1.60	
100	0.03	0.05	0.07	0.08	0.10	0.10	0.11	0.11	0.10	0.10	0.10	0.11	0.15	0.26	0.47	0.76	1.13	1.60	
110	0.29	0.32	0.35	0.38	0.40	0.42	0.41	0.40	0.37	0.33	0.29	0.25	0.18	0.13	0.12	0.27	0.72	1.60	
120	0.58	0.60	0.61	0.62	0.62	0.63	0.64	0.66	0.65	0.62	0.55	0.45	0.33	0.23	0.15	0.12	0.46	1.60	
130	0.75	0.78	0.80	0.81	0.81	0.79	0.78	0.77	0.77	0.80	0.77	0.63	0.47	0.33	0.21	0.13	0.31	1.60	
140	0.83	0.85	0.87	0.90	0.90	0.89	0.88	0.84	0.83	0.81	0.78	0.72	0.58	0.43	0.27	0.16	0.21	1.60	
150	0.84	0.83	0.83	0.83	0.84	0.86	0.88	0.90	0.88	0.81	0.76	0.71	0.63	0.48	0.32	0.18	0.16	1.60	
160	0.82	0.79	0.79	0.79	0.78	0.80	0.82	0.84	0.85	0.82	0.76	0.71	0.61	0.50	0.34	0.20	0.14	1.60	
170	0.77	0.75	0.73	0.74	0.74	0.74	0.76	0.80	0.81	0.81	0.74	0.68	0.58	0.50	0.37	0.21	0.13	1.60	
180	0.74	0.75	0.71	0.71	0.71	0.71	0.71	0.75	0.77	0.77	0.72	0.65	0.55	0.48	0.37	0.21	0.13	1.60	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd/klm]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	265.2	261.8	258.4	254.1	251.8	247.7	265.2	261.8	258.4	254.1
3.0	265.3	269.9	271.9	269.5	265.2	255.8	265.5	253.8	244.7	238.1
6.0	265.1	277.6	284.0	282.9	277.3	263.8	266.2	245.7	230.4	221.6
9.0	265.1	285.0	294.1	293.6	287.4	271.3	266.9	237.8	216.2	204.9
12.0	265.7	292.4	303.1	302.4	295.7	278.1	267.3	229.4	202.0	188.8
15.0	266.7	300.5	311.2	309.1	303.0	285.0	268.0	221.5	188.5	173.8
18.0	268.0	309.0	318.4	313.4	309.2	292.1	268.6	213.6	175.9	160.7
21.0	269.4	318.1	325.2	316.0	315.1	300.1	269.7	206.3	164.7	149.6
24.0	270.8	327.5	331.7	318.2	320.6	308.9	271.2	199.4	154.8	140.0
27.0	272.8	337.5	338.5	322.0	326.8	318.6	273.6	192.8	146.1	131.6
30.0	275.3	349.4	346.3	326.2	334.8	330.9	277.5	186.3	138.1	125.1
33.0	278.1	363.8	355.3	329.8	344.1	346.1	282.0	180.0	130.7	119.9
36.0	280.0	379.3	363.7	331.7	351.7	361.1	285.4	173.7	123.8	115.7
39.0	280.1	394.4	369.9	330.8	356.8	374.7	285.3	166.7	117.5	111.8
42.0	277.8	409.1	373.5	326.3	360.5	389.6	283.2	159.6	111.8	108.1
45.0	273.6	423.7	375.0	318.3	363.3	407.4	280.7	152.7	106.4	104.5
48.0	268.2	436.2	374.1	306.9	364.8	425.7	277.9	145.7	101.1	100.9
51.0	262.2	443.9	368.7	289.5	362.8	440.2	274.6	138.6	95.65	97.02
54.0	255.7	439.2	354.7	263.3	351.7	443.3	270.5	131.0	90.06	92.45
57.0	248.0	416.7	328.8	226.2	327.9	429.2	265.7	123.4	84.09	86.94
60.0	238.4	373.8	288.1	178.5	288.0	393.6	258.8	115.0	77.77	80.01
63.0	225.0	311.2	233.1	124.6	232.9	334.9	248.5	106.4	70.60	71.62
66.0	205.4	234.8	169.3	76.29	168.1	255.9	231.6	97.45	62.40	62.16
69.0	176.6	156.2	109.9	45.28	107.1	170.1	204.8	86.39	53.11	51.82
72.0	138.0	89.17	64.64	29.44	61.36	96.31	165.7	72.84	43.41	41.09
75.0	95.85	47.96	39.31	19.29	37.31	51.52	118.4	56.67	34.43	22.17
78.0	59.08	27.56	25.95	13.37	25.55	30.02	75.72	40.46	26.90	13.19
81.0	32.26	17.52	18.39	9.315	18.72	19.53	42.37	27.82	20.70	9.047
84.0	15.44	11.33	12.98	5.850	13.77	12.48	18.65	15.31	15.05	4.939
87.0	6.712	6.633	7.098	2.873	8.275	7.305	9.449	7.729	6.555	1.547
90.0	1.599	1.937	2.304	0.7994	2.917	3.018	4.425	4.431	1.460	0
93.0	0.3412	0	0.0007	0.0040	0.0022	0.1304	0.6939	0.4774	0.0079	0
96.0	0.1355	0.0042	0	0	0	0	0.1201	0.1037	0.0362	0
99.0	0.1912	0.0400	0	0	0	0.0240	0.2117	0.1950	0.1041	0
102.0	0.2553	0.0760	0	0	0	0.0520	0.3075	0.3067	0.2038	0.0317
105.0	0.3704	0.1198	0	0.0001	0	0.0958	0.4071	0.4304	0.3076	0.1352
108.0	0.4385	0.1556	0.0080	0.0280	0.0080	0.1238	0.4830	0.5739	0.4313	0.2072
111.0	0.5142	0.1876	0.0199	0.0479	0.0080	0.1636	0.5626	0.7136	0.5548	0.2988
114.0	0.5264	0.2235	0.0516	0.0639	0.0397	0.1955	0.6304	0.8333	0.6665	0.3908
117.0	0.6138	0.2753	0.0718	0.0958	0.0639	0.2274	0.6661	0.9370	0.7500	0.4941
120.0	0.6501	0.3072	0.1074	0.1197	0.0797	0.2514	0.6660	1.021	0.7819	0.5581
123.0	0.6980	0.3351	0.1356	0.1397	0.1193	0.2793	0.6622	1.029	0.8058	0.5941
126.0	0.7298	0.3551	0.1871	0.1596	0.1395	0.2992	0.6901	1.033	0.8258	0.6501
129.0	0.7739	0.3710	0.2007	0.1676	0.1396	0.3191	0.6981	0.9376	0.8377	0.7099
132.0	0.7751	0.3869	0.2027	0.1755	0.1673	0.3351	0.7103	0.9015	0.8404	0.7736
135.0	0.7762	0.4029	0.2390	0.1875	0.2038	0.3503	0.7110	0.8855	0.8387	0.7817
138.0	0.7774	0.4109	0.2591	0.2075	0.2056	0.3670	0.7117	0.8696	0.8370	0.8135
141.0	0.7342	0.4268	0.2652	0.2234	0.2074	0.3829	0.7124	0.8536	0.8353	0.8296
144.0	0.7141	0.4428	0.2778	0.2394	0.2631	0.4029	0.7131	0.8417	0.8335	0.8332
147.0	0.7084	0.4667	0.2905	0.2713	0.2691	0.4188	0.7143	0.8217	0.8318	0.8368
150.0	0.7037	0.4867	0.3149	0.2993	0.2751	0.4348	0.7165	0.8176	0.8301	0.8404
153.0	0.7059	0.5107	0.3309	0.3312	0.3189	0.4548	0.7180	0.8057	0.8215	0.8574
156.0	0.7139	0.5465	0.3868	0.3750	0.3310	0.4787	0.7195	0.7978	0.7977	0.8694
159.0	0.7187	0.5665	0.4067	0.4069	0.3842	0.4986	0.7210	0.7937	0.7898	0.8497
162.0	0.7199	0.5864	0.4467	0.4429	0.4107	0.5226	0.7211	0.7874	0.7805	0.8336
165.0	0.7211	0.6063	0.4864	0.4788	0.4427	0.5465	0.7213	0.7802	0.7769	0.8138
168.0	0.7338	0.6343	0.5223	0.5227	0.4824	0.5704	0.7214	0.7659	0.7734	0.7978
171.0	0.7514	0.6821	0.5820	0.5665	0.5160	0.5904	0.7216	0.7578	0.7698	0.7699
174.0	0.7444	0.7061	0.6336	0.6104	0.5700	0.6183	0.7218	0.7459	0.7698	0.7579
177.0	0.7339	0.7259	0.7020	0.6463	0.5901	0.6462	0.7219	0.7380	0.7897	0.7420
180.0	0.7259	0.7259	0.7778	0.6940	0.6502	0.6541	0.7219	0.7180	0.7778	0.6900
G/C	300.0	330.0								
0.0	251.8	247.7								
3.0	238.0	240.0								
6.0	223.9	231.9								
9.0	209.6	223.5								
12.0	195.4	215.5								
15.0	182.1	208.0								
18.0	170.1	200.8								
21.0	159.4	194.2								
24.0	150.1	187.7								
27.0	141.6	181.1								
30.0	134.0	174.8								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd/klm]

33.0	127.1	168.5
36.0	120.8	162.1
39.0	115.1	155.6
42.0	109.6	149.0
45.0	104.5	141.9
48.0	99.39	134.4
51.0	94.31	127.0
54.0	88.96	119.5
57.0	83.28	111.8
60.0	77.06	103.9
63.0	69.77	95.58
66.0	61.27	86.63
69.0	51.68	75.70
72.0	41.93	62.16
75.0	33.32	47.10
78.0	26.17	33.11
81.0	20.28	22.61
84.0	14.91	11.45
87.0	6.651	5.075
90.0	1.034	2.450
93.0	0	0.3222
96.0	0.0362	0.1156
99.0	0.1120	0.2032
102.0	0.2078	0.3387
105.0	0.3156	0.5021
108.0	0.4308	0.6337
111.0	0.4710	0.7654
114.0	0.5508	0.8056
117.0	0.6305	0.8169
120.0	0.7062	0.8264
123.0	0.7660	0.8336
126.0	0.8179	0.8535
129.0	0.8617	0.9014
132.0	0.8856	0.8975
135.0	0.8974	0.8736
138.0	0.8854	0.8496
141.0	0.8575	0.8257
144.0	0.8439	0.8018
147.0	0.8391	0.7857
150.0	0.8343	0.7579
153.0	0.8295	0.7538
156.0	0.7976	0.7419
159.0	0.7857	0.7387
162.0	0.7804	0.7291
165.0	0.7751	0.7220
168.0	0.7697	0.7140
171.0	0.7219	0.7021
174.0	0.7027	0.6901
177.0	0.6859	0.6781
180.0	0.6701	0.6581

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks: