

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		1723.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	75.5V x 75.5H
	At 50% of Imax	40.2V x 40.5H
	At 90% of Imax	16.2V x 16.5H
Beam Flux	Total	1000.3 lumens per klm.
	To 10% of Imax	865.4 lumens per klm.
	To 50% of Imax	466.0 lumens per klm.
	To 90% of Imax	97.0 lumens per klm.
	Upward LOR	2.0 %
	Downward LOR	98.1 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

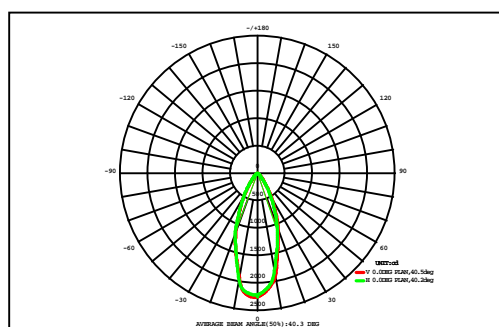
---

H( $\theta$ ) Range:-90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-12

V( $\theta$ ) Range:-180 - 180DEG  
V( $\theta$ ) Interval: 0.5DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.6V I:0.2829A P:39.98W PF:0.6406 Lamp Flux:1310.47x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



DATA OF LAMP		Eff:32.78lm/W	
MODEL	CREE XPE2 3000K	Imax(cd)	2259
NOMINAL POWER(W)	40	AVAILABILITY(%)	86.7
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	1136
NOMINAL FLUX(lm)	1310.47	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1310
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	40,40DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.00	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.01	0.01	0.60	0.00
90	0.00	0.01	0.03	0.04	0.06	0.08	0.10	0.12	0.13	0.13	0.12	0.11	0.09	0.06	0.04	0.03	0.02	0.01	1.15	0.00
80	0.00	0.02	0.03	0.06	0.10	0.15	0.20	0.24	0.27	0.27	0.25	0.22	0.17	0.11	0.07	0.04	0.02	0.01	2.23	0.00
70	0.00	0.02	0.05	0.09	0.16	0.25	0.40	0.57	0.72	0.74	0.62	0.44	0.29	0.19	0.11	0.05	0.02	0.01	4.74	0.00
60	0.00	0.02	0.06	0.13	0.26	0.59	1.27	2.10	2.73	2.78	2.21	1.38	0.68	0.30	0.15	0.07	0.03	0.01	14.8	0.00
50	0.00	0.03	0.08	0.18	0.51	1.58	3.66	6.44	8.72	8.80	6.56	3.76	1.74	0.60	0.21	0.09	0.03	0.01	43.0	21.6
40	0.01	0.03	0.09	0.25	1.02	3.33	8.56	16.1	22.0	21.9	16.1	8.84	3.47	1.13	0.30	0.11	0.04	0.01	103	91.7
30	0.01	0.03	0.10	0.34	1.60	5.70	15.6	30.1	40.9	40.3	29.4	15.4	5.88	1.76	0.42	0.13	0.04	0.01	188	179
-30	0.01	0.03	0.11	0.41	2.04	7.67	21.6	42.0	60.5	58.9	40.0	20.9	7.87	2.23	0.51	0.14	0.04	0.01	265	257
	0.01	0.03	0.11	0.42	2.06	7.71	21.7	42.5	62.2	61.7	41.5	21.5	8.02	2.28	0.52	0.14	0.04	0.01	273	265
	0.01	0.03	0.10	0.35	1.64	5.78	16.1	31.9	44.6	44.3	31.5	16.5	6.30	1.87	0.44	0.13	0.04	0.01	202	193
	0.01	0.03	0.09	0.26	1.05	3.50	9.14	17.7	24.5	24.5	17.7	9.38	3.82	1.26	0.33	0.12	0.04	0.01	113	102
	0.01	0.03	0.08	0.19	0.54	1.70	3.99	7.13	9.82	9.85	7.32	4.19	1.90	0.67	0.24	0.10	0.04	0.01	47.8	27.1
-40	0.01	0.03	0.07	0.15	0.27	0.63	1.39	2.39	3.09	3.14	2.51	1.56	0.77	0.35	0.18	0.08	0.03	0.01	16.6	0.00
-50	0.00	0.02	0.06	0.11	0.18	0.27	0.43	0.64	0.80	0.83	0.70	0.50	0.33	0.22	0.13	0.07	0.03	0.01	5.33	0.00
-60	0.00	0.02	0.05	0.08	0.12	0.17	0.22	0.26	0.29	0.30	0.29	0.25	0.20	0.14	0.09	0.05	0.02	0.01	2.55	0.00
-70	0.00	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.15	0.16	0.15	0.13	0.11	0.09	0.06	0.04	0.02	0.01	1.49	0.00
-80	0.00	0.02	0.03	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.08	0.08	0.07	0.06	0.05	0.03	0.02	0.01	0.96	0.00
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90
F t	0.09	0.42	1.19	3.17	11.8	39.3	105	200	281	279	197	105	41.7	13.4	3.86	1.44	0.55	0.14	1285	---
F a	0.00	0.00	0.00	0.00	0.00	20.4	91.3	188	270	267	185	91.8	22.7	0.00	0.00	0.00	0.00	0.00	---	1136

one-half-peak spread: U:19.3,D:19.3 , L:18.9,R:21.9

NEMA Beam Type: Type 5

H(h) Range:-90 - 90DEG  
H(h) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-12

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.6V I:0.2829A P:39.98W PF:0.6406 Lamp Flux:1310.47x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45

Conical surface Flux(90deg):

1216.5 lm

%lum = 92.8%

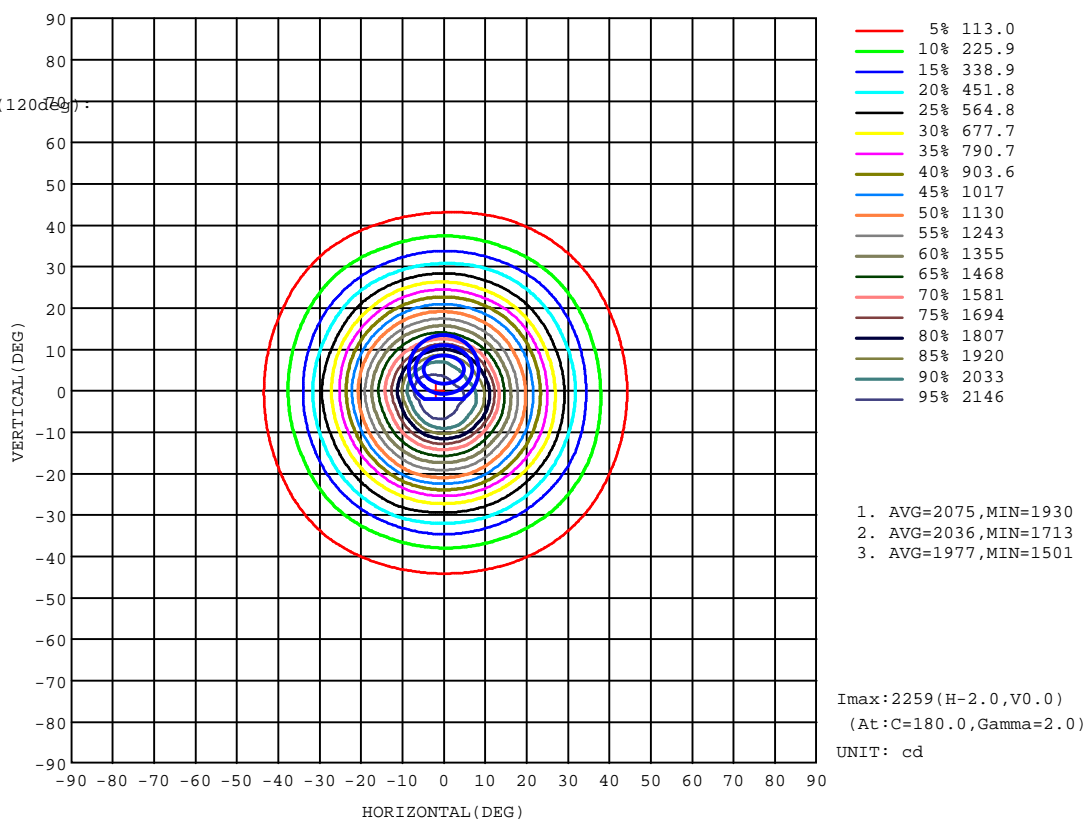
%lamp = 92.8%

Conical surface Flux(120deg):

1268.2 lm

%lum = 96.7%

%lamp = 96.8%



H(B) Range:-90 - 90DEG

H(B) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-12

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290

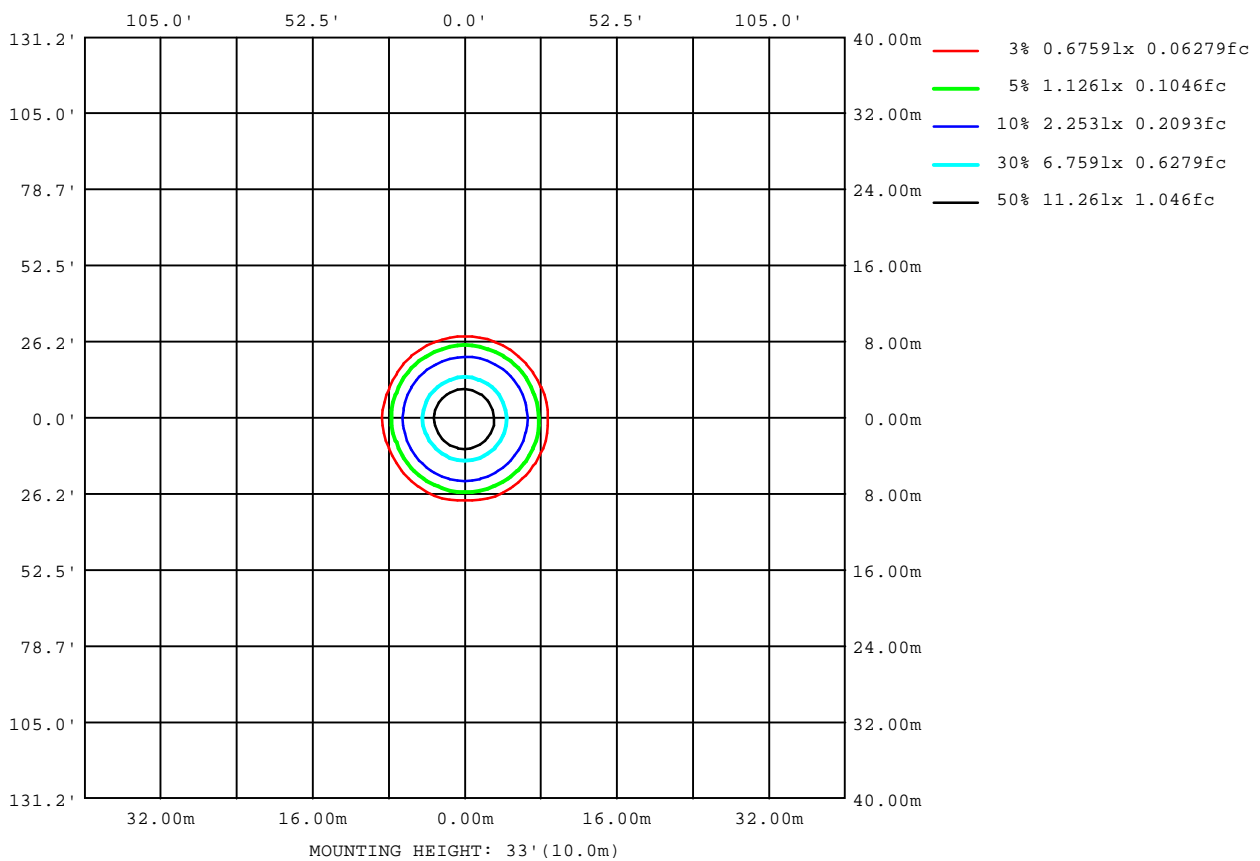
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

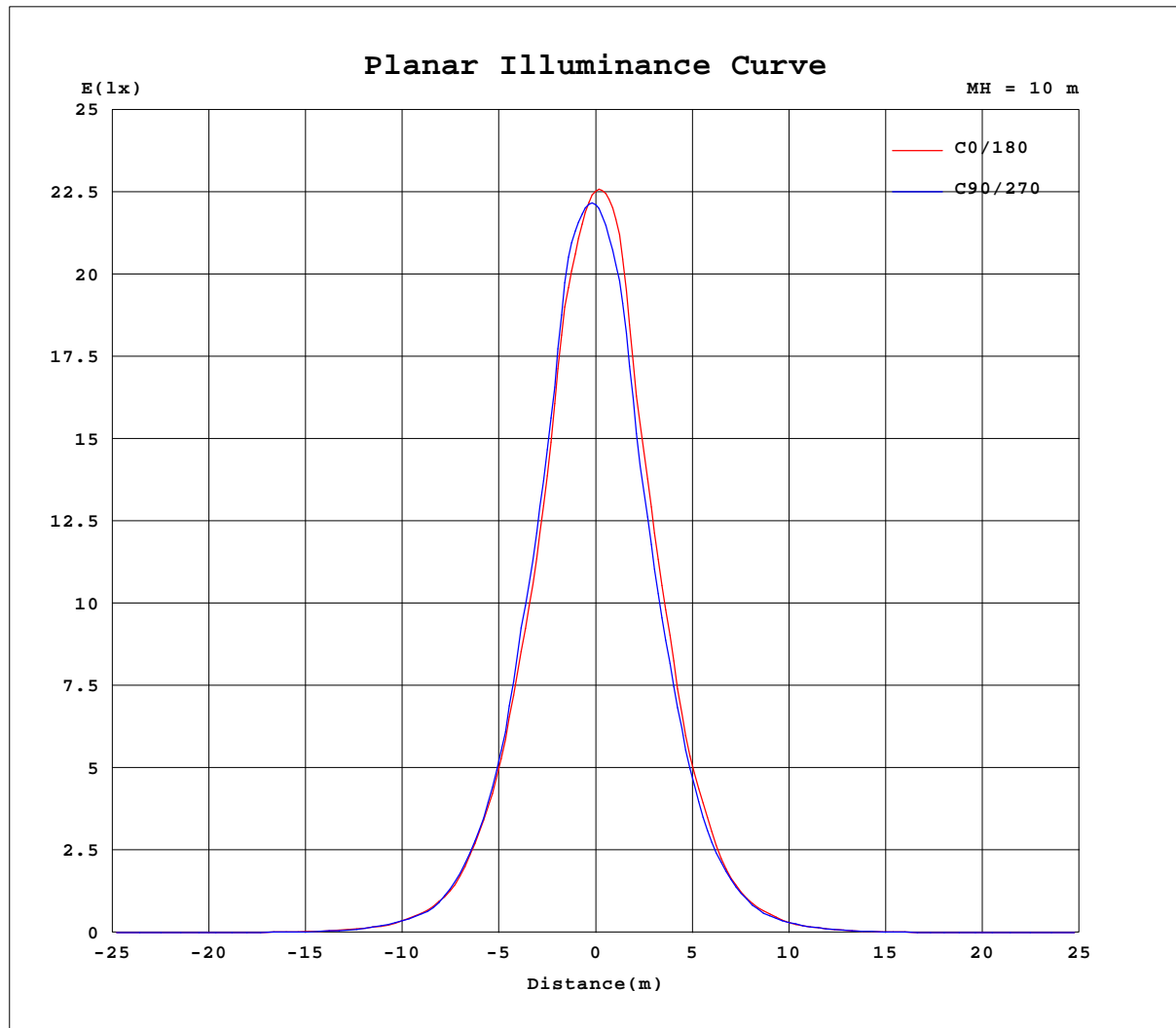
Test:U:220.6V I:0.2829A P:39.98W PF:0.6406 Lamp Flux:1310.47x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-12

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

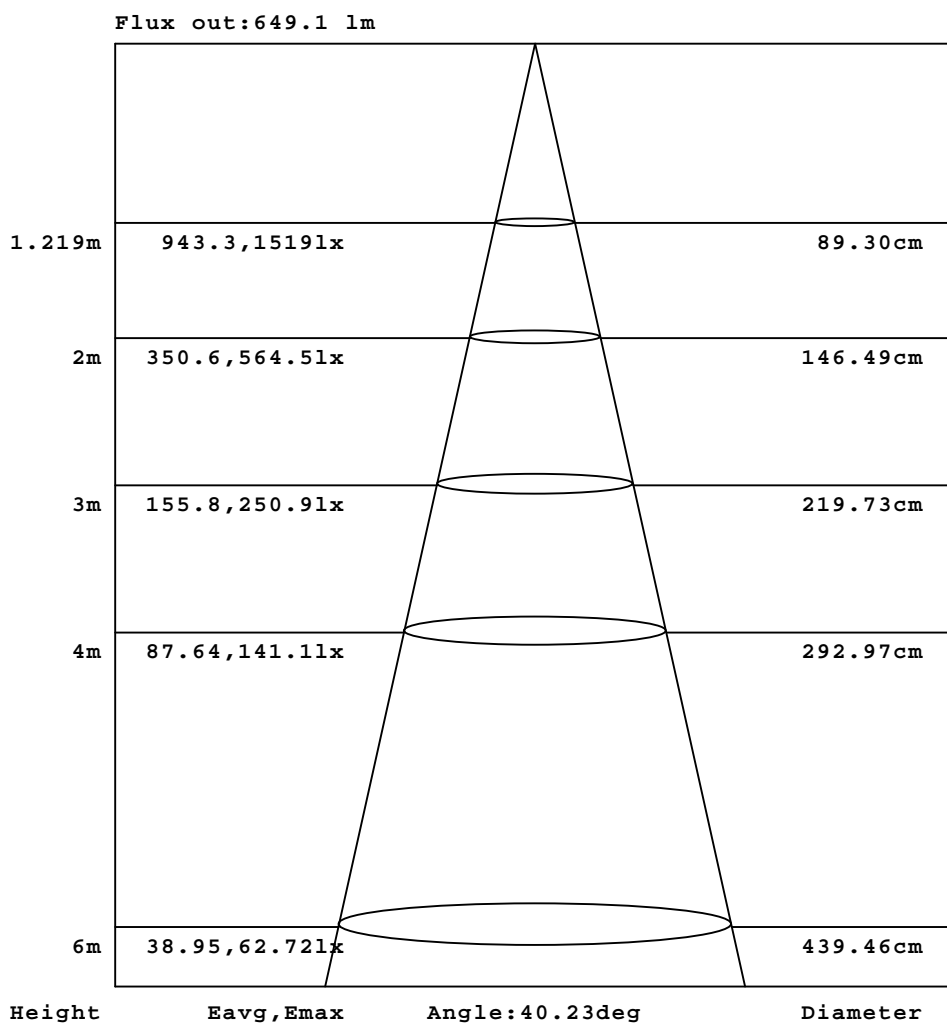


H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-12

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:220.6V I:0.2829A P:39.98W PF:0.6406 Lamp Flux:1310.47x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



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

H(h) Range:-90 - 90DEG  
H(h) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-12

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.2829A P:39.98W PF:0.6406 Lamp Flux:1310.47x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45

Table--1

UNIT: cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	1.42	1.34	1.25	1.25	1.30	1.49	1.89	2.52	3.39	4.46	5.67	6.94	8.13	9.16	9.99	10.6	11.0	11.3	11.0
-170	1.42	1.39	1.36	1.41	1.52	1.77	2.20	2.86	3.72	4.78	5.95	7.12	8.22	9.14	9.79	10.2	10.5	10.7	10.8
-160	1.42	1.44	1.46	1.56	1.72	1.99	2.42	3.04	3.82	4.76	5.82	6.71	7.53	8.28	8.89	9.39	9.76	9.96	10.00
-150	1.42	1.48	1.56	1.70	1.89	2.16	2.56	3.09	3.75	4.28	4.91	5.60	6.29	6.91	7.48	7.97	8.31	8.51	8.56
-140	1.42	1.53	1.66	1.83	2.04	2.32	2.66	2.98	3.25	3.58	3.97	4.38	4.85	5.32	5.76	6.13	6.38	6.53	6.57
-130	1.42	1.57	1.74	1.94	2.17	2.45	2.67	2.74	2.85	3.00	3.18	3.42	3.67	3.93	4.15	4.34	4.46	4.54	4.55
-120	1.42	1.60	1.81	2.04	2.28	2.56	2.59	2.60	2.62	2.66	2.72	2.81	2.91	3.01	3.11	3.16	3.20	3.22	3.21
-110	1.42	1.63	1.87	2.11	2.37	2.57	2.56	2.56	2.55	2.54	2.54	2.57	2.60	2.63	2.66	2.65	2.64	2.64	2.62
-100	1.42	1.66	1.90	2.15	2.42	2.56	2.55	2.54	2.54	2.54	2.54	2.55	2.56	2.57	2.57	2.56	2.55	2.54	2.53
-90	1.42	1.67	1.92	2.17	2.42	2.54	2.54	2.53	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52
-80	1.42	1.67	1.93	2.18	2.44	2.62	2.71	2.81	2.92	3.03	3.12	3.21	3.29	3.36	3.44	3.53	3.60	3.66	3.70
-70	1.42	1.68	1.99	2.34	2.75	3.14	3.43	3.77	4.12	4.49	4.87	5.23	5.58	5.90	6.22	6.52	6.76	6.95	7.06
-60	1.42	1.70	2.09	2.61	3.20	3.90	4.54	5.24	6.01	6.82	7.66	8.53	9.37	10.2	10.9	11.6	12.4	13.0	13.3
-50	1.42	1.73	2.23	2.91	3.77	4.79	5.94	7.16	8.52	9.91	11.3	14.6	18.7	25.3	33.2	40.1	45.5	49.9	51.9
-40	1.42	1.75	2.37	3.23	4.36	5.77	7.48	9.34	11.2	16.5	25.6	38.8	58.3	85.7	115	144	161	171	172
-30	1.42	1.77	2.48	3.52	4.93	6.74	8.93	11.3	17.9	33.1	58.0	100	146	211	293	400	490	531	537
-20	1.42	1.77	2.55	3.73	5.37	7.54	10.0	15.7	30.2	58.8	105	176	285	458	632	820	1039	1167	1199
-10	1.42	1.75	2.57	3.83	5.62	8.04	10.7	19.6	41.5	81.2	152	261	455	688	1001	1312	1586	1841	1964
0	1.42	1.72	2.53	3.79	5.63	8.12	10.8	21.7	46.8	88.7	172	303	540	804	1182	1530	1933	2228	2253
10	1.42	1.72	2.50	3.73	5.50	7.90	10.5	19.6	40.3	80.0	148	265	442	685	977	1269	1517	1709	1802
20	1.42	1.70	2.42	3.54	5.13	7.27	9.71	15.0	28.2	59.3	98.9	169	280	427	597	772	933	1040	1070
30	1.42	1.67	2.29	3.24	4.57	6.32	8.47	10.7	17.2	29.7	58.1	89.9	138	205	270	351	416	464	480
40	1.42	1.62	2.12	2.87	3.89	5.20	6.84	8.69	10.5	15.1	23.7	36.6	57.0	76.5	97.4	119	142	156	160
50	1.42	1.57	1.93	2.48	3.20	4.09	5.16	6.42	7.84	9.23	10.6	13.6	18.1	23.2	28.2	34.3	40.5	44.7	46.1
60	1.42	1.52	1.75	2.10	2.55	3.08	3.70	4.39	5.16	6.00	6.89	7.82	8.69	9.49	10.2	10.8	11.4	11.9	12.2
70	1.42	1.47	1.61	1.78	2.01	2.28	2.55	2.85	3.18	3.54	3.91	4.30	4.68	5.04	5.37	5.66	5.90	6.07	6.18
80	1.42	1.44	1.49	1.56	1.64	1.71	1.77	1.84	1.92	1.99	2.11	2.22	2.34	2.44	2.52	2.57	2.60	2.62	2.63
90	1.42	1.43	1.44	1.45	1.46	1.46	1.43	1.41	1.38	1.35	1.37	1.39	1.41	1.42	1.42	1.40	1.38	1.36	1.35
100	1.42	1.42	1.42	1.42	1.42	1.40	1.35	1.32	1.29	1.25	1.25	1.25	1.26	1.27	1.27	1.24	1.22	1.20	1.18
110	1.42	1.40	1.39	1.37	1.35	1.33	1.27	1.25	1.22	1.21	1.21	1.20	1.20	1.20	1.19	1.20	1.22	1.23	1.25
120	1.42	1.39	1.36	1.32	1.29	1.27	1.23	1.23	1.23	1.27	1.34	1.41	1.48	1.55	1.63	1.73	1.81	1.87	1.89
130	1.42	1.38	1.33	1.28	1.25	1.23	1.23	1.27	1.40	1.59	1.83	2.09	2.35	2.61	2.86	3.08	3.27	3.39	3.45
140	1.42	1.37	1.30	1.26	1.24	1.24	1.30	1.48	1.79	2.18	2.66	3.18	3.73	4.26	4.73	5.13	5.45	5.66	5.74
150	1.42	1.36	1.28	1.25	1.25	1.29	1.47	1.82	2.30	2.94	3.69	4.52	5.35	6.12	6.79	7.32	7.71	7.97	8.07
160	1.42	1.35	1.27	1.24	1.26	1.38	1.68	2.15	2.83	3.69	4.69	5.75	6.78	7.72	8.48	9.04	9.40	9.64	9.75
170	1.42	1.34	1.26	1.24	1.28	1.46	1.82	2.42	3.23	4.25	5.41	6.61	7.76	8.73	9.51	10.1	10.5	10.6	10.7
180	1.42	1.34	1.25	1.25	1.30	1.49	1.89	2.52	3.39	4.46	5.67	6.94	8.13	9.16	9.99	10.6	11.0	11.3	11.1

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-12

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290

Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.2829A P:39.98W PF:0.6406 Lamp Flux:1310.47x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45

Table--2

UNIT: cd

H(°) \ V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	11.2	11.0	10.7	10.3	9.71	8.92	7.98	6.95	5.84	4.84	4.00	3.37	2.92	2.67	2.59	2.59	2.59	2.59
-170	10.8	10.6	10.4	10.0	9.45	8.64	7.72	6.71	5.64	4.70	3.92	3.31	2.91	2.67	2.60	2.59	2.59	2.59
-160	10.0	9.86	9.50	9.02	8.46	7.76	6.96	6.05	5.13	4.35	3.68	3.18	2.85	2.65	2.60	2.59	2.59	2.59
-150	8.54	8.38	8.06	7.60	7.05	6.43	5.73	5.04	4.42	3.85	3.36	3.00	2.76	2.63	2.60	2.59	2.59	2.59
-140	6.56	6.43	6.20	5.83	5.40	4.93	4.47	4.05	3.65	3.30	3.03	2.83	2.68	2.61	2.60	2.59	2.59	2.59
-130	4.55	4.49	4.38	4.20	3.97	3.71	3.45	3.21	3.02	2.87	2.77	2.69	2.62	2.60	2.60	2.60	2.59	2.59
-120	3.23	3.21	3.17	3.12	3.02	2.91	2.81	2.72	2.66	2.63	2.61	2.61	2.61	2.60	2.60	2.60	2.59	2.59
-110	2.64	2.65	2.66	2.66	2.63	2.59	2.57	2.56	2.55	2.56	2.58	2.59	2.60	2.60	2.60	2.59	2.59	2.59
-100	2.54	2.55	2.56	2.57	2.57	2.57	2.56	2.55	2.55	2.56	2.57	2.58	2.59	2.60	2.59	2.59	2.59	2.59
-90	2.52	2.53	2.54	2.54	2.55	2.55	2.55	2.55	2.55	2.55	2.56	2.57	2.58	2.59	2.59	2.59	2.59	2.59
-80	3.70	3.68	3.64	3.59	3.52	3.46	3.39	3.32	3.23	3.11	3.00	2.89	2.79	2.71	2.66	2.63	2.61	2.59
-70	7.12	7.10	6.99	6.81	6.53	6.21	5.85	5.47	5.05	4.62	4.21	3.83	3.48	3.18	2.93	2.76	2.65	2.59
-60	13.5	13.3	12.7	12.4	11.8	11.0	10.2	9.15	8.07	7.04	6.08	5.23	4.47	3.83	3.32	2.94	2.71	2.59
-50	51.5	48.7	43.6	35.8	29.2	23.5	18.5	14.1	12.1	10.4	8.60	7.04	5.71	4.62	3.78	3.16	2.77	2.59
-40	173	163	147	116	91.6	66.7	48.5	30.3	21.0	14.2	11.4	9.12	7.08	5.47	4.25	3.38	2.83	2.59
-30	525	479	397	302	227	159	104	70.6	38.7	24.5	14.7	11.1	8.43	6.28	4.69	3.58	2.88	2.59
-20	1155	1032	838	641	459	308	195	114	72.5	35.6	20.3	12.6	9.56	6.96	5.05	3.75	2.93	2.59
-10	1852	1557	1279	997	711	464	282	164	92.1	50.2	25.3	13.9	10.3	7.40	5.29	3.86	2.96	2.59
0	2133	1901	1440	1115	789	529	314	179	104	54.6	26.5	14.6	10.5	7.54	5.37	3.90	2.97	2.59
10	1697	1455	1205	953	654	451	268	156	89.8	47.9	24.2	13.5	9.98	7.20	5.16	3.78	2.92	2.59
20	1030	930	766	591	439	291	174	107	63.7	33.9	18.6	11.7	9.02	6.58	4.80	3.60	2.85	2.59
30	471	432	364	282	202	140	98.7	62.2	35.7	20.7	13.1	10.0	7.69	5.75	4.33	3.36	2.77	2.59
40	157	146	131	107	83.2	61.0	41.6	28.7	17.9	12.4	9.92	7.93	6.18	4.82	3.80	3.10	2.68	2.59
50	45.2	42.1	38.2	32.4	26.2	20.0	16.3	12.4	10.5	8.98	7.34	5.84	4.73	3.89	3.26	2.82	2.60	2.59
60	12.2	11.9	11.4	11.0	10.4	9.73	8.87	7.89	6.85	5.84	4.93	4.13	3.45	3.05	2.75	2.56	2.51	2.59
70	6.19	6.13	5.98	5.77	5.48	5.12	4.73	4.32	3.90	3.51	3.14	2.79	2.48	2.35	2.31	2.34	2.43	2.59
80	2.65	2.65	2.64	2.61	2.54	2.45	2.35	2.24	2.12	2.03	1.94	1.86	1.79	1.83	1.99	2.17	2.37	2.59
90	1.36	1.38	1.40	1.41	1.41	1.40	1.38	1.36	1.35	1.37	1.39	1.41	1.43	1.57	1.82	2.08	2.34	2.59
100	1.19	1.21	1.22	1.25	1.25	1.24	1.23	1.22	1.22	1.25	1.29	1.34	1.38	1.54	1.82	2.08	2.34	2.59
110	1.23	1.21	1.20	1.19	1.19	1.19	1.18	1.18	1.18	1.19	1.21	1.25	1.29	1.54	1.82	2.09	2.35	2.59
120	1.86	1.80	1.72	1.62	1.54	1.46	1.38	1.32	1.25	1.21	1.20	1.20	1.26	1.56	1.85	2.12	2.37	2.59
130	3.39	3.26	3.08	2.84	2.59	2.33	2.06	1.81	1.56	1.37	1.24	1.19	1.38	1.65	1.91	2.16	2.39	2.59
140	5.65	5.44	5.12	4.71	4.24	3.71	3.15	2.62	2.15	1.75	1.45	1.40	1.57	1.78	2.01	2.22	2.42	2.59
150	7.95	7.67	7.28	6.75	6.09	5.31	4.48	3.65	2.89	2.25	1.98	1.86	1.84	1.96	2.13	2.30	2.46	2.59
160	9.59	9.31	8.92	8.37	7.60	6.68	5.65	4.63	3.87	3.22	2.73	2.38	2.21	2.18	2.27	2.39	2.50	2.59
170	10.5	10.3	9.84	9.25	8.59	7.85	6.96	6.00	5.00	4.14	3.43	2.90	2.58	2.42	2.43	2.49	2.55	2.59
180	11.2	11.0	10.7	10.3	9.71	8.92	7.98	6.95	5.84	4.84	4.00	3.37	2.92	2.67	2.59	2.59	2.59	2.59

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-12

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290

Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks: