

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		1616.0 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	77.1V x 77.6H
	At 50% of Imax	42.2V x 42.3H
	At 90% of Imax	17.8V x 18.2H
Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	870.9 lumens per klm.
	To 50% of Imax	490.9 lumens per klm.
	To 90% of Imax	114.8 lumens per klm.
	Upward LOR	2.0 %
	Downward LOR	98.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

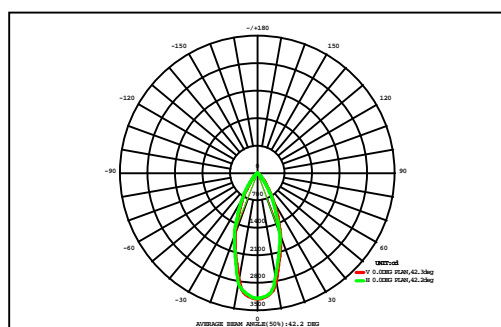
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H( $\theta$ ) Range:-90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-14

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:220.7V I:0.2774A P:38.34W PF:0.6261 Lamp Flux:1983.03x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPG3	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:51.73lm/W	
MODEL	CREE XPG3 3000K	Imax(cd)	3205
NOMINAL POWER(W)	40	AVAILABILITY(%)	87.2
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	1728
NOMINAL FLUX(lm)	1983.03	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1983
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	42,42DEG

VERTICAL(°)	AREA FLUX DIAGRAM																UNIT:lm				F t	F a
	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	0.04	0.03	0.02	0.01	0.88	0.00			
90	0.01	0.02	0.04	0.06	0.09	0.12	0.15	0.17	0.18	0.18	0.17	0.15	0.12	0.09	0.06	0.04	0.03	0.01	1.69	0.00		
80	0.01	0.02	0.05	0.10	0.16	0.23	0.31	0.37	0.41	0.40	0.37	0.31	0.24	0.17	0.10	0.06	0.03	0.01	3.35	0.00		
70	0.01	0.03	0.07	0.15	0.27	0.43	0.65	0.92	1.13	1.14	0.94	0.65	0.42	0.27	0.16	0.08	0.04	0.01	7.36	0.00		
60	0.01	0.03	0.10	0.22	0.44	0.99	2.03	3.38	4.40	4.47	3.52	2.20	1.05	0.45	0.22	0.11	0.04	0.01	23.7	0.00		
50	0.01	0.04	0.12	0.30	0.87	2.54	5.74	9.85	13.5	13.7	10.4	6.13	2.82	0.93	0.31	0.14	0.05	0.01	67.4	37.6		
40	0.01	0.05	0.15	0.43	1.65	5.22	12.9	24.6	33.5	33.8	25.2	13.9	5.70	1.84	0.45	0.16	0.06	0.01	160	144		
30	0.01	0.05	0.17	0.59	2.59	8.71	23.1	44.8	61.8	62.2	46.0	24.2	9.44	2.86	0.64	0.19	0.06	0.01	288	275		
-30	0.01	0.05	0.18	0.71	3.28	11.6	31.3	60.6	87.8	88.0	61.4	32.7	12.4	3.60	0.80	0.20	0.07	0.01	395	383		
	0.01	0.05	0.18	0.72	3.32	11.8	31.8	61.2	88.7	89.5	62.6	33.4	12.6	3.65	0.81	0.20	0.07	0.01	401	389		
	0.01	0.05	0.18	0.61	2.70	9.28	24.3	46.5	64.0	64.9	47.9	25.8	10.0	2.99	0.68	0.20	0.07	0.01	300	288		
	0.01	0.05	0.16	0.47	1.82	5.68	14.3	26.8	36.8	37.0	27.6	15.2	6.09	1.99	0.50	0.18	0.06	0.01	175	160		
	0.01	0.05	0.14	0.34	0.98	2.89	6.52	11.6	15.7	15.9	11.9	6.76	3.05	1.05	0.35	0.15	0.06	0.01	77.4	51.0		
	0.01	0.04	0.12	0.25	0.50	1.16	2.45	4.04	5.12	5.14	4.11	2.51	1.21	0.52	0.26	0.13	0.05	0.01	27.6	0.00		
	0.01	0.04	0.09	0.19	0.32	0.50	0.78	1.14	1.39	1.39	1.15	0.80	0.50	0.32	0.20	0.10	0.04	0.01	8.96	0.00		
	0.01	0.03	0.07	0.13	0.21	0.30	0.39	0.46	0.50	0.50	0.46	0.39	0.30	0.21	0.14	0.08	0.04	0.01	4.22	0.00		
	0.01	0.03	0.06	0.09	0.13	0.17	0.21	0.24	0.26	0.26	0.24	0.21	0.18	0.14	0.10	0.06	0.03	0.01	2.41	0.00		
	0.01	0.03	0.05	0.07	0.09	0.10	0.12	0.13	0.13	0.13	0.13	0.12	0.11	0.09	0.07	0.05	0.03	0.01	1.47	0.00		
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(°)				20	30	40	50	60	70	80	90		
F t	0.13	0.67	1.96	5.46	19.5	61.8	157	297	415	419	304	165	66.3	21.2	5.89	2.16	0.84	0.21	1944	---		
F a	0.00	0.00	0.00	0.00	0.00	35.1	138	280	399	402	287	147	41.2	0.00	0.00	0.00	0.00	0.00	---	1728		

one-half-peak spread: U:21.8,D:20.7 , L:21.1,R:21.5

NEMA Beam Type: Type 5

H(h) Range:-90 - 90DEG  
H(h) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-14

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:220.7V I:0.2774A P:38.34W PF:0.6261 Lamp Flux:1983.03x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPG3	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):

1833.3 lm

%lum = 92.4%

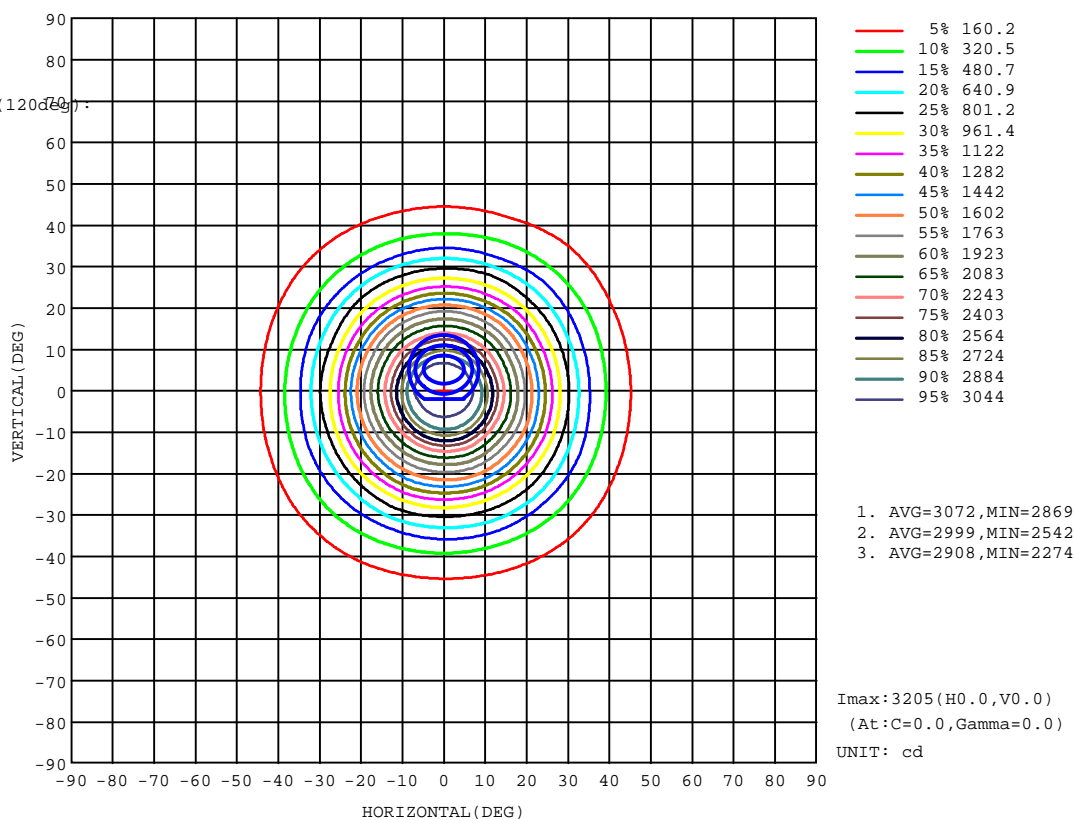
%lamp = 92.5%

Conical surface Flux(120deg):

1917.9 lm

%lum = 96.7%

%lamp = 96.7%



H(B) Range:-90 - 90DEG

H(B) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-14

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

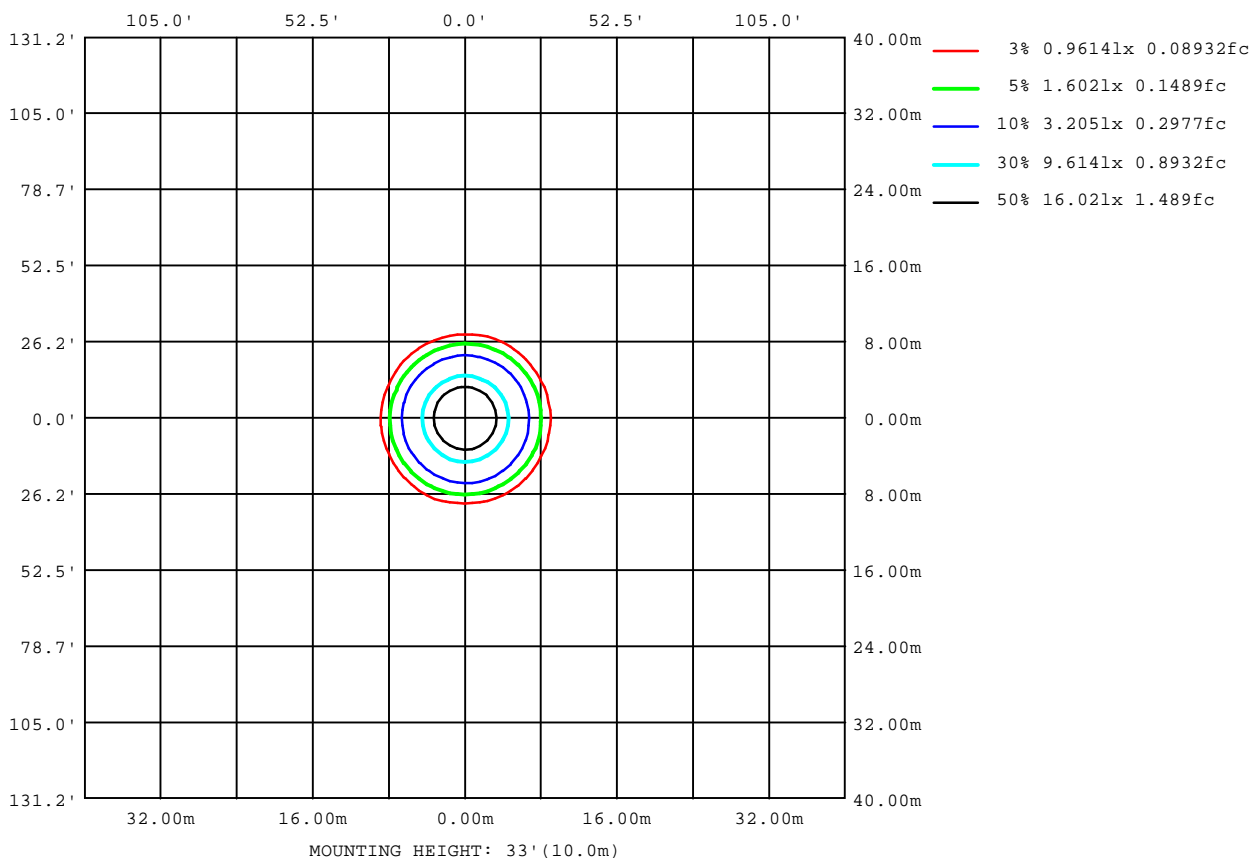
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

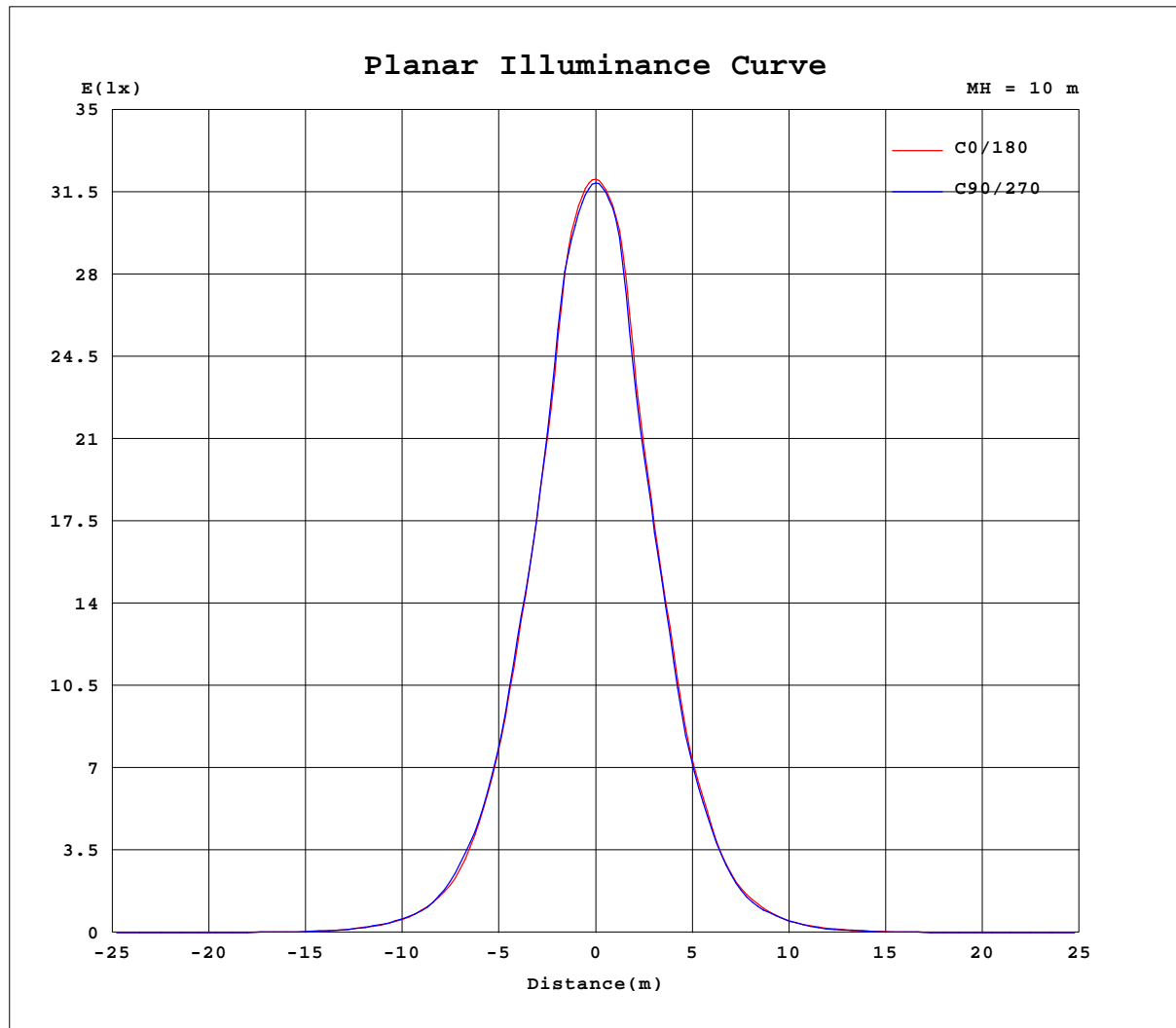
Test:U:220.7V I:0.2774A P:38.34W PF:0.6261 Lamp Flux:1983.03x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPG3	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-14

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

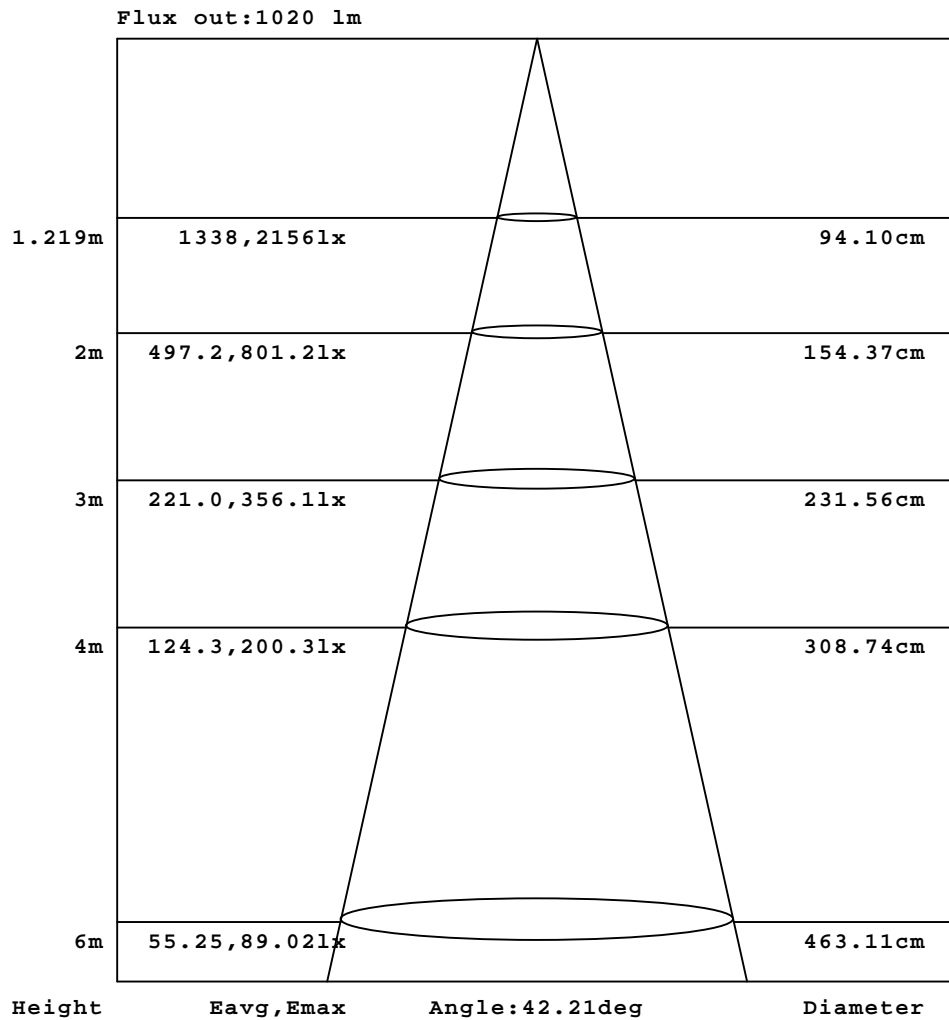


H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-14

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:220.7V I:0.2774A P:38.34W PF:0.6261 Lamp Flux:1983.03x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPG3	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( $\theta$ ) Range: -90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature: 30DEG  
Operators: Matthew  
Test Date: 2018-05-14

V( $\beta$ ) Range: -180 - 180DEG  
V( $\beta$ ) 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:220.7V I:0.2774A P:38.34W PF:0.6261 Lamp Flux:1983.03x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPG3	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	2.12	2.02	1.92	1.92	2.03	2.35	2.98	3.96	5.26	6.87	8.65	10.5	12.2	13.6	14.8	15.7	16.4	16.8	16.7
-170	2.12	2.09	2.07	2.15	2.35	2.75	3.45	4.47	5.78	7.36	9.10	10.8	12.4	13.8	14.7	15.3	15.8	16.1	16.2
-160	2.12	2.17	2.22	2.38	2.64	3.07	3.75	4.72	5.92	7.33	8.91	10.3	11.4	12.5	13.4	14.1	14.6	14.9	15.0
-150	2.12	2.24	2.37	2.59	2.88	3.32	3.94	4.78	5.79	6.63	7.57	8.62	9.66	10.6	11.4	12.0	12.5	12.8	12.9
-140	2.12	2.30	2.52	2.77	3.10	3.53	4.07	4.59	5.02	5.55	6.17	6.83	7.51	8.19	8.83	9.35	9.72	9.94	10.00
-130	2.12	2.36	2.63	2.93	3.29	3.70	4.05	4.19	4.39	4.64	4.96	5.32	5.71	6.08	6.42	6.70	6.90	7.01	7.04
-120	2.12	2.41	2.72	3.07	3.44	3.84	3.91	3.94	4.01	4.09	4.20	4.33	4.49	4.64	4.78	4.88	4.95	4.98	4.98
-110	2.12	2.45	2.79	3.16	3.55	3.86	3.85	3.84	3.85	3.84	3.88	3.92	3.96	4.01	4.05	4.05	4.05	4.04	4.02
-100	2.12	2.48	2.85	3.22	3.60	3.82	3.82	3.82	3.81	3.79	3.81	3.83	3.85	3.87	3.87	3.86	3.85	3.84	3.82
-90	2.12	2.49	2.87	3.24	3.61	3.79	3.80	3.80	3.80	3.80	3.80	3.80	3.81	3.81	3.81	3.81	3.82	3.82	3.82
-80	2.12	2.50	2.89	3.29	3.72	4.03	4.16	4.33	4.50	4.68	4.86	5.02	5.19	5.34	5.48	5.61	5.70	5.76	5.80
-70	2.12	2.53	3.01	3.60	4.28	4.94	5.46	6.06	6.72	7.42	8.14	8.88	9.60	10.3	10.9	11.4	11.7	11.9	12.0
-60	2.12	2.57	3.21	4.06	5.08	6.30	7.47	8.78	10.3	11.9	13.6	15.3	16.8	18.0	19.1	20.5	22.2	23.3	23.8
-50	2.12	2.61	3.44	4.60	6.09	7.91	10.1	12.4	15.1	17.6	20.8	26.6	36.2	45.7	58.9	69.9	79.7	86.7	89.5
-40	2.12	2.65	3.67	5.16	7.14	9.72	12.9	16.4	20.3	29.9	45.7	72.8	107	141	189	236	264	284	290
-30	2.12	2.68	3.86	5.66	8.15	11.5	15.5	20.4	34.6	56.7	104	157	240	350	473	618	745	812	834
-20	2.12	2.69	3.99	6.02	8.93	12.9	17.4	27.9	50.7	102	167	289	462	683	962	1252	1512	1681	1742
-10	2.12	2.67	4.03	6.19	9.36	13.7	18.7	35.8	72.0	133	243	414	682	1034	1467	1888	2257	2658	2830
0	2.12	2.62	3.96	6.13	9.34	13.8	18.9	38.1	79.6	142	273	460	791	1168	1698	2172	2756	3129	3205
10	2.12	2.61	3.90	5.99	9.07	13.3	18.3	34.2	68.2	130	234	398	666	986	1424	1865	2226	2518	2679
20	2.12	2.57	3.75	5.63	8.36	12.1	16.7	26.3	49.7	93.8	162	260	421	653	907	1143	1412	1599	1671
30	2.12	2.51	3.51	5.09	7.35	10.4	14.2	18.7	30.1	52.9	90.5	145	220	302	403	537	662	738	763
40	2.12	2.43	3.22	4.45	6.15	8.37	11.2	14.6	18.4	26.7	40.0	61.6	88.4	121	163	196	225	245	251
50	2.12	2.35	2.92	3.78	4.94	6.42	8.22	10.4	13.0	15.7	18.6	23.1	30.0	37.0	47.8	57.6	63.7	68.4	69.8
60	2.12	2.28	2.62	3.16	3.85	4.70	5.72	6.90	8.21	9.66	11.2	12.7	14.2	15.6	16.7	17.5	18.2	18.5	18.6
70	2.12	2.21	2.39	2.64	2.98	3.37	3.81	4.30	4.84	5.42	6.02	6.62	7.17	7.67	8.12	8.49	8.76	8.93	8.98
80	2.12	2.15	2.22	2.31	2.41	2.50	2.59	2.70	2.81	2.92	3.08	3.23	3.36	3.48	3.59	3.67	3.72	3.75	3.76
90	2.12	2.14	2.15	2.17	2.18	2.18	2.16	2.15	2.13	2.11	2.12	2.14	2.16	2.18	2.17	2.15	2.13	2.11	2.09
100	2.12	2.13	2.13	2.12	2.12	2.10	2.07	2.03	1.99	1.95	1.95	1.96	1.96	1.97	1.97	1.95	1.93	1.91	1.89
110	2.12	2.11	2.09	2.07	2.05	2.02	1.95	1.93	1.91	1.90	1.91	1.91	1.91	1.91	1.91	1.90	1.93	1.99	2.01
120	2.12	2.09	2.05	2.02	1.96	1.94	1.92	1.92	1.95	2.04	2.15	2.27	2.39	2.53	2.65	2.79	2.90	2.96	2.99
130	2.12	2.07	2.02	1.95	1.93	1.92	1.92	2.05	2.27	2.56	2.92	3.33	3.73	4.13	4.50	4.83	5.07	5.23	5.29
140	2.12	2.06	1.99	1.93	1.92	1.93	2.10	2.40	2.88	3.49	4.20	4.99	5.80	6.58	7.27	7.84	8.28	8.56	8.65
150	2.12	2.05	1.96	1.92	1.93	2.05	2.37	2.91	3.67	4.63	5.77	6.98	8.19	9.33	10.3	11.1	11.6	12.0	12.1
160	2.12	2.04	1.93	1.92	1.96	2.19	2.66	3.43	4.47	5.77	7.23	8.78	10.3	11.7	12.8	13.6	14.2	14.5	14.6
170	2.12	2.03	1.92	1.92	2.00	2.30	2.89	3.82	5.05	6.58	8.28	10.0	11.7	13.1	14.2	15.1	15.8	16.0	16.1
180	2.12	2.02	1.92	1.92	2.03	2.35	2.98	3.96	5.26	6.87	8.65	10.5	12.2	13.6	14.8	15.7	16.4	16.8	16.7

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-14

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:220.7V I:0.2774A P:38.34W PF:0.6261 Lamp Flux:1983.03x1 lm		
NAME: L0239-U56-40W-36-3000K-SL45D-XPG3	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	16.8	16.5	16.0	15.3	14.4	13.2	11.8	10.3	8.70	7.25	6.06	5.13	4.48	4.13	3.95	3.89	3.89	3.89
-170	16.2	15.9	15.5	14.9	14.0	12.7	11.4	9.92	8.40	7.05	5.93	5.05	4.46	4.12	3.95	3.90	3.89	3.89
-160	15.0	14.7	14.2	13.5	12.6	11.5	10.3	8.96	7.65	6.52	5.58	4.85	4.37	4.07	3.94	3.90	3.89	3.89
-150	12.8	12.5	12.0	11.4	10.6	9.65	8.60	7.57	6.63	5.80	5.10	4.58	4.23	4.03	3.93	3.90	3.90	3.89
-140	9.94	9.72	9.33	8.80	8.18	7.49	6.81	6.16	5.55	5.03	4.61	4.32	4.10	3.98	3.92	3.90	3.90	3.89
-130	7.01	6.89	6.68	6.41	6.07	5.69	5.31	4.96	4.65	4.42	4.23	4.10	4.01	3.95	3.92	3.91	3.89	3.89
-120	4.98	4.95	4.88	4.78	4.64	4.50	4.35	4.20	4.11	4.05	3.99	3.97	3.96	3.93	3.92	3.90	3.89	3.89
-110	4.04	4.05	4.06	4.05	4.02	3.99	3.95	3.91	3.89	3.91	3.92	3.92	3.93	3.93	3.91	3.90	3.89	3.89
-100	3.84	3.86	3.88	3.89	3.90	3.89	3.88	3.87	3.86	3.87	3.89	3.90	3.91	3.90	3.90	3.89	3.89	3.89
-90	3.83	3.83	3.84	3.84	3.85	3.85	3.85	3.85	3.85	3.86	3.86	3.86	3.87	3.87	3.88	3.88	3.89	3.89
-80	5.80	5.78	5.72	5.64	5.53	5.41	5.28	5.14	4.98	4.81	4.63	4.45	4.29	4.16	4.04	3.96	3.90	3.89
-70	11.9	11.7	11.4	10.9	10.4	9.81	9.18	8.53	7.88	7.20	6.54	5.94	5.40	4.92	4.50	4.20	3.98	3.89
-60	23.4	22.3	20.8	19.1	17.9	16.7	15.3	13.8	12.3	10.7	9.33	8.05	6.89	5.91	5.12	4.49	4.08	3.89
-50	86.2	79.0	70.8	59.3	47.8	36.4	27.7	21.7	17.6	15.3	12.9	10.7	8.72	7.10	5.80	4.84	4.19	3.89
-40	284	265	235	192	150	107	74.8	48.8	31.5	21.5	16.7	13.6	10.7	8.36	6.51	5.17	4.29	3.89
-30	814	752	652	502	358	252	172	111	62.4	37.3	22.1	16.3	12.7	9.55	7.17	5.47	4.38	3.89
-20	1702	1559	1293	988	740	498	308	185	114	56.4	30.7	18.4	14.3	10.5	7.71	5.72	4.46	3.89
-10	2709	2311	1931	1541	1095	725	452	259	148	81.9	39.2	20.7	15.3	11.2	8.06	5.87	4.50	3.89
0	3126	2793	2204	1727	1237	820	496	293	164	91.6	41.4	21.7	15.6	11.4	8.17	5.92	4.52	3.89
10	2543	2246	1888	1477	1039	702	423	256	145	79.5	37.8	19.9	14.9	10.9	7.85	5.74	4.44	3.89
20	1615	1439	1186	925	683	454	297	173	105	52.4	28.3	17.4	13.5	9.93	7.30	5.45	4.33	3.89
30	749	676	558	441	328	231	159	103	55.1	32.6	18.8	14.9	11.5	8.68	6.57	5.09	4.20	3.89
40	251	238	209	168	135	100	64.0	43.9	27.2	18.0	14.7	11.8	9.27	7.29	5.76	4.68	4.06	3.89
50	69.9	67.1	60.1	48.6	40.0	30.6	23.7	17.8	15.4	13.1	10.8	8.71	7.11	5.87	4.91	4.26	3.91	3.89
60	18.4	17.9	17.2	16.2	15.1	13.9	12.6	11.2	9.88	8.57	7.33	6.18	5.17	4.57	4.13	3.85	3.76	3.89
70	8.94	8.79	8.54	8.20	7.83	7.38	6.88	6.34	5.78	5.22	4.67	4.15	3.68	3.50	3.46	3.51	3.63	3.89
80	3.79	3.79	3.77	3.72	3.64	3.54	3.42	3.29	3.15	3.01	2.87	2.74	2.63	2.71	2.96	3.23	3.53	3.89
90	2.11	2.13	2.14	2.16	2.16	2.14	2.12	2.10	2.08	2.10	2.12	2.14	2.16	2.36	2.74	3.13	3.51	3.89
100	1.91	1.92	1.94	1.96	1.97	1.96	1.95	1.94	1.95	1.97	2.01	2.04	2.07	2.32	2.73	3.13	3.51	3.89
110	1.98	1.96	1.93	1.90	1.90	1.90	1.89	1.88	1.88	1.89	1.90	1.94	1.98	2.33	2.74	3.14	3.53	3.89
120	2.95	2.87	2.75	2.59	2.47	2.34	2.21	2.10	1.99	1.91	1.88	1.89	1.96	2.38	2.80	3.19	3.55	3.89
130	5.20	5.01	4.73	4.39	4.01	3.60	3.20	2.81	2.47	2.18	1.98	1.88	2.14	2.52	2.90	3.26	3.59	3.89
140	8.51	8.19	7.70	7.09	6.38	5.60	4.80	4.03	3.33	2.74	2.30	2.22	2.44	2.74	3.04	3.35	3.63	3.89
150	11.9	11.5	10.9	10.1	9.05	7.93	6.71	5.51	4.43	3.49	3.08	2.91	2.89	3.03	3.23	3.46	3.69	3.89
160	14.4	14.0	13.4	12.5	11.3	9.95	8.45	6.95	5.84	4.91	4.18	3.68	3.43	3.37	3.45	3.60	3.75	3.89
170	15.9	15.5	14.8	13.9	12.8	11.7	10.3	8.92	7.49	6.23	5.22	4.46	3.98	3.75	3.70	3.74	3.82	3.89
180	16.8	16.5	16.0	15.3	14.4	13.2	11.8	10.3	8.70	7.25	6.06	5.13	4.48	4.13	3.95	3.89	3.89	3.89

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-14

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: