

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3423.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	52.3V x 52.7H
	At 50% of Imax	25.8V x 25.9H
	At 90% of Imax	9.7V x 10.1H

Beam Flux	Total	1000.5 lumens per klm.
	To 10% of Imax	776.7 lumens per klm.
	To 50% of Imax	393.3 lumens per klm.
	To 90% of Imax	75.7 lumens per klm.

Upward LOR	2.0 %
Downward LOR	98.1 %

Luminaire Efficiency(Light Output Ratio)	100.0 %
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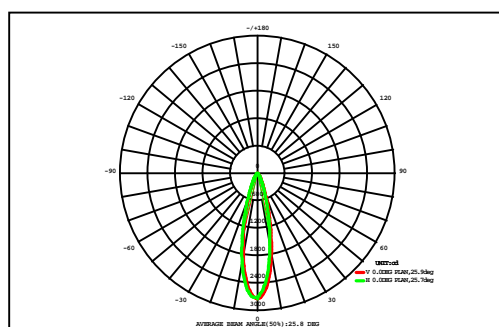
H( $\theta$ ) Range:-90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-09

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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:0.1991A P:20.10W PF:0.4573 Lamp Flux:800.016x1 lm		
NAME: L0238-T55-20W-20-3000K-SL30D-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:39.81lm/W	
MODEL	CREE XPE2 3000K	Imax(cd)	2739
NOMINAL POWER(W)	20	AVAILABILITY(%)	77.6
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	620.8
NOMINAL FLUX(lm)	800.016	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	800.0
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	26,26DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																	UNIT:lm		F t	F a
	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.00	0.40	0.00		
90	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.00	0.40	0.00		
80	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.01	0.00	0.51	0.00	
70	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.68	0.00	
60	0.00	0.01	0.02	0.03	0.04	0.07	0.14	0.22	0.28	0.27	0.22	0.14	0.08	0.05	0.04	0.02	0.01	0.00	1.66	0.00	
50	0.00	0.01	0.02	0.03	0.09	0.26	0.52	0.79	0.95	0.94	0.75	0.48	0.25	0.09	0.04	0.03	0.01	0.00	5.27	0.00	
40	0.00	0.01	0.02	0.05	0.23	0.64	1.35	2.24	2.92	2.84	2.08	1.22	0.58	0.22	0.06	0.03	0.02	0.00	14.5	0.00	
30	0.00	0.01	0.02	0.10	0.44	1.30	3.10	5.63	7.88	7.74	5.31	2.77	1.12	0.40	0.11	0.03	0.02	0.00	36.0	9.14	
-30	0.00	0.01	0.03	0.15	0.67	2.21	5.82	14.1	26.2	26.0	13.6	5.25	1.92	0.59	0.16	0.04	0.02	0.00	96.8	80.7	
	0.00	0.01	0.03	0.20	0.84	3.03	8.85	28.8	60.6	59.8	27.8	8.09	2.61	0.74	0.20	0.04	0.02	0.00	202	189	
	0.00	0.01	0.03	0.20	0.86	3.15	9.43	31.5	66.4	66.5	30.6	8.64	2.72	0.78	0.21	0.04	0.02	0.00	221	208	
	0.00	0.01	0.03	0.17	0.74	2.50	6.76	18.0	35.0	34.6	17.3	6.21	2.17	0.68	0.18	0.04	0.02	0.00	124	109	
	0.00	0.01	0.03	0.12	0.52	1.56	3.86	7.51	11.3	11.1	7.12	3.54	1.41	0.48	0.13	0.04	0.02	0.00	48.8	24.7	
	0.00	0.01	0.03	0.07	0.29	0.81	1.80	3.13	4.16	4.10	3.02	1.67	0.76	0.29	0.08	0.04	0.02	0.00	20.3	0.00	
	0.00	0.01	0.03	0.04	0.12	0.35	0.70	1.13	1.38	1.36	1.08	0.68	0.35	0.14	0.06	0.03	0.02	0.00	7.47	0.00	
	0.00	0.01	0.02	0.04	0.06	0.11	0.22	0.34	0.43	0.43	0.35	0.23	0.12	0.07	0.05	0.03	0.01	0.00	2.52	0.00	
	0.00	0.01	0.02	0.03	0.05	0.06	0.07	0.09	0.10	0.11	0.10	0.08	0.07	0.05	0.04	0.03	0.01	0.00	0.94	0.00	
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.71	0.00	
-80	0.00	0.01	0.02	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.01	0.00	0.59	0.00	
-90	0.00	0.01	0.02	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.01	0.00	0.59	0.00	
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																					
F t	0.06	0.20	0.41	1.36	5.11	16.2	42.9	114	218	216	110	39.2	14.4	4.77	1.48	0.54	0.27	0.08	784	---	
F a	0.00	0.00	0.00	0.00	0.00	0.00	17.6	95.8	202	200	91.9	14.0	0.00	0.00	0.00	0.00	0.00	0.00	---	621	

one-half-peak spread: U:14.3,D:11.7 , L:13.2,R:12.9

NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG  
H(h) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-09

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:0.1991A P:20.10W PF:0.4573 Lamp Flux:800.016x1 lm		
NAME: L0238-T55-20W-20-3000K-SL30D-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):

756.53 lm

%lum = 94.5%

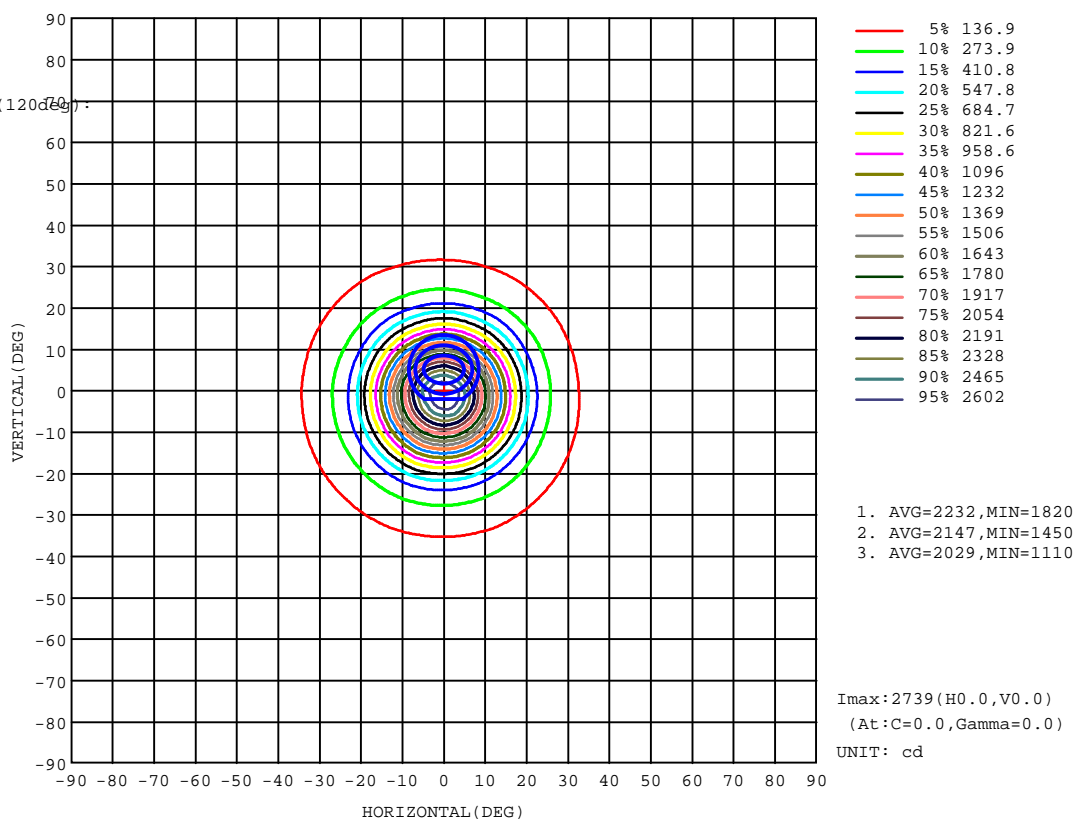
%lamp = 94.6%

Conical surface Flux(120deg):

778.3 lm

%lum = 97.2%

%lamp = 97.3%



H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-09

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

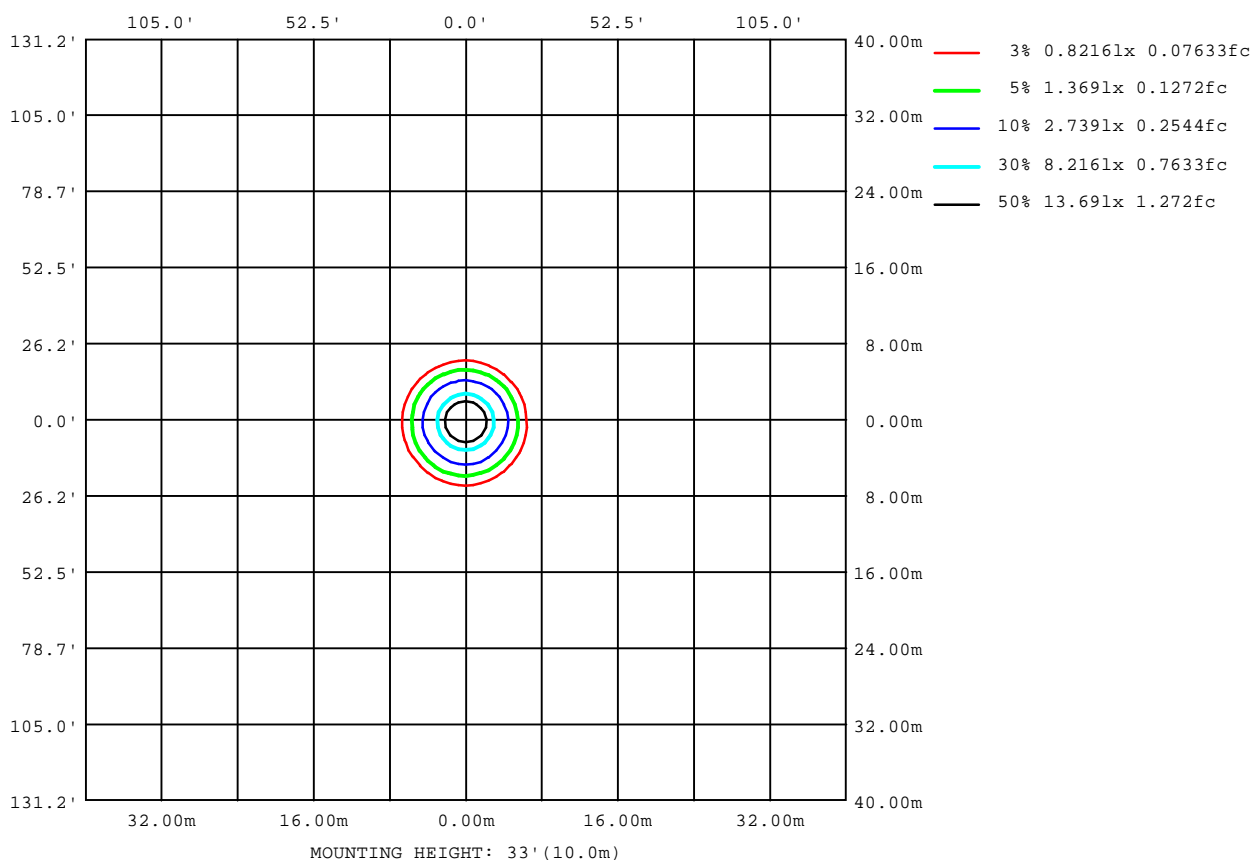
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

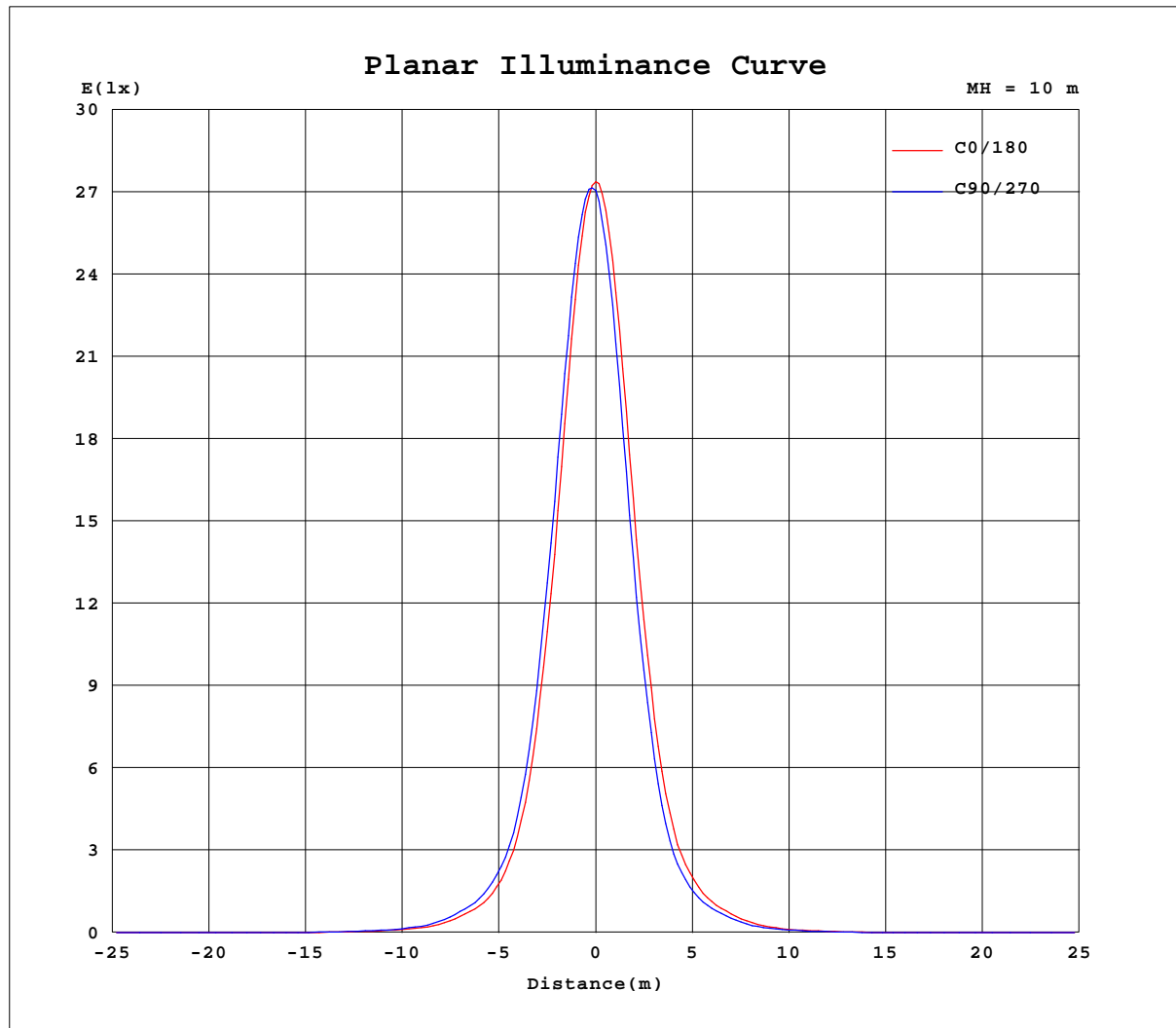
Test:U:220.7V I:0.1991A P:20.10W PF:0.4573 Lamp Flux:800.016x1 lm		
NAME: L0238-T55-20W-20-3000K-SL30D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-09

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

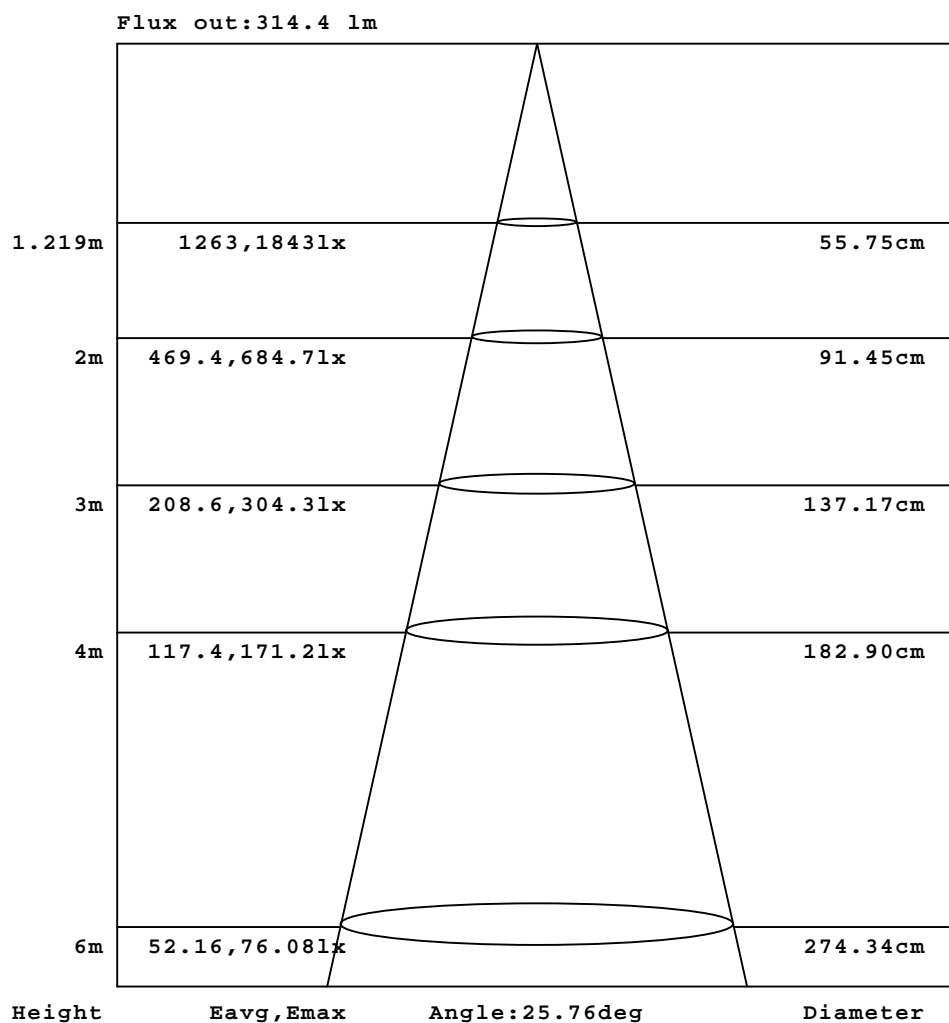


H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-09

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:0.1991A P:20.10W PF:0.4573 Lamp Flux:800.016x1 lm		
NAME: L0238-T55-20W-20-3000K-SL30D-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: 2018-05-09

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:0.1991A P:20.10W PF:0.4573 Lamp Flux:800.016x1 lm		
NAME: L0238-T55-20W-20-3000K-SL30D-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	1.01	0.85	0.62	0.45	0.45	0.50	0.65	0.96	1.52	2.34	3.39	4.49	5.47	6.22	6.73	7.00	7.08	7.11	7.01
-170	1.01	0.88	0.70	0.57	0.59	0.67	0.85	1.22	1.80	2.64	3.68	4.78	5.74	6.43	6.81	6.95	7.01	7.00	7.07
-160	1.01	0.91	0.79	0.68	0.73	0.83	1.01	1.35	1.88	2.63	3.57	4.42	5.21	5.83	6.28	6.62	6.82	6.92	6.93
-150	1.01	0.95	0.88	0.82	0.86	0.97	1.13	1.40	1.82	2.22	2.73	3.34	3.98	4.59	5.15	5.57	5.86	6.01	6.05
-140	1.01	0.99	0.97	0.96	0.99	1.11	1.26	1.38	1.50	1.69	1.95	2.28	2.66	3.07	3.47	3.80	4.06	4.22	4.27
-130	1.01	1.04	1.07	1.10	1.16	1.23	1.34	1.34	1.35	1.37	1.44	1.57	1.74	1.91	2.10	2.24	2.34	2.40	2.41
-120	1.01	1.07	1.14	1.22	1.33	1.43	1.40	1.37	1.37	1.36	1.35	1.35	1.37	1.40	1.45	1.47	1.47	1.47	1.46
-110	1.01	1.10	1.20	1.32	1.46	1.55	1.54	1.51	1.50	1.48	1.45	1.41	1.38	1.36	1.36	1.37	1.38	1.39	1.40
-100	1.01	1.12	1.25	1.38	1.52	1.61	1.62	1.63	1.65	1.67	1.64	1.61	1.57	1.54	1.54	1.55	1.57	1.58	1.60
-90	1.01	1.14	1.27	1.41	1.54	1.61	1.63	1.64	1.65	1.66	1.65	1.64	1.63	1.62	1.62	1.63	1.65	1.66	1.67
-80	1.01	1.16	1.30	1.43	1.56	1.63	1.66	1.70	1.73	1.77	1.77	1.78	1.79	1.80	1.83	1.87	1.91	1.95	1.99
-70	1.01	1.17	1.32	1.46	1.59	1.70	1.78	1.85	1.94	2.05	2.12	2.20	2.27	2.35	2.42	2.50	2.57	2.63	2.69
-60	1.01	1.19	1.34	1.49	1.65	1.80	1.94	2.08	2.24	2.40	2.56	2.69	2.88	3.32	4.31	4.77	5.35	5.89	6.26
-50	1.01	1.19	1.36	1.52	1.69	1.90	2.12	2.31	2.52	2.99	4.79	6.69	11.5	14.7	17.8	21.3	23.7	25.6	26.6
-40	1.01	1.19	1.36	1.54	1.74	1.97	2.24	2.58	4.66	8.31	14.2	20.2	29.2	40.0	53.6	62.4	70.2	76.8	78.4
-30	1.01	1.19	1.36	1.54	1.76	2.01	2.33	4.73	9.45	17.5	29.1	44.8	65.9	92.4	128	167	198	215	218
-20	1.01	1.19	1.36	1.53	1.75	2.00	3.16	7.20	15.2	29.1	46.0	77.8	125	187	260	370	520	650	697
-10	1.01	1.18	1.34	1.50	1.71	1.93	3.83	9.44	21.2	35.6	62.6	114	180	286	486	854	1332	1794	1980
0	1.01	1.16	1.31	1.45	1.64	1.82	4.00	10.1	22.2	37.3	67.7	127	197	334	613	1121	1825	2480	2739
10	1.01	1.16	1.31	1.46	1.65	1.85	3.59	8.94	19.7	33.5	58.2	102	167	256	414	714	1096	1441	1595
20	1.01	1.15	1.30	1.45	1.63	1.83	2.57	6.16	13.8	24.7	40.6	66.2	103	157	212	280	367	445	480
30	1.01	1.14	1.29	1.43	1.59	1.77	1.99	3.87	7.70	14.4	22.9	36.1	53.5	71.7	95.9	124	141	152	155
40	1.01	1.13	1.26	1.39	1.53	1.70	1.86	2.06	3.63	5.70	11.9	16.4	21.2	30.3	36.4	42.4	48.7	51.5	51.6
50	1.01	1.12	1.23	1.34	1.46	1.58	1.72	1.85	1.98	2.18	3.60	4.67	7.28	10.5	12.6	14.6	16.8	18.3	18.9
60	1.01	1.10	1.19	1.28	1.37	1.47	1.54	1.63	1.72	1.81	1.91	2.04	2.17	2.30	2.52	2.83	3.32	3.60	3.67
70	1.01	1.07	1.14	1.21	1.28	1.34	1.37	1.41	1.45	1.49	1.56	1.63	1.72	1.80	1.86	1.88	1.89	1.89	1.88
80	1.01	1.05	1.08	1.13	1.16	1.19	1.20	1.20	1.21	1.21	1.25	1.29	1.32	1.35	1.37	1.36	1.35	1.33	1.32
90	1.01	1.02	1.03	1.04	1.05	1.04	1.02	1.00	0.98	0.95	0.97	0.99	1.01	1.02	1.02	1.00	0.98	0.96	0.94
100	1.01	0.99	0.98	0.97	0.95	0.90	0.85	0.79	0.73	0.67	0.66	0.65	0.64	0.64	0.63	0.60	0.57	0.55	0.53
110	1.01	0.98	0.93	0.86	0.81	0.74	0.65	0.57	0.49	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.44	0.44
120	1.01	0.95	0.86	0.77	0.67	0.58	0.50	0.45	0.44	0.44	0.46	0.49	0.50	0.52	0.55	0.61	0.66	0.71	0.74
130	1.01	0.93	0.81	0.67	0.55	0.49	0.45	0.45	0.47	0.55	0.67	0.79	0.94	1.10	1.26	1.44	1.58	1.69	1.75
140	1.01	0.90	0.75	0.58	0.48	0.45	0.45	0.46	0.60	0.82	1.11	1.49	1.91	2.34	2.75	3.12	3.41	3.62	3.70
150	1.01	0.88	0.70	0.53	0.45	0.45	0.47	0.59	0.84	1.25	1.82	2.51	3.26	3.98	4.59	5.04	5.37	5.59	5.69
160	1.01	0.86	0.66	0.48	0.45	0.46	0.55	0.77	1.16	1.78	2.58	3.54	4.48	5.29	5.92	6.32	6.53	6.67	6.75
170	1.01	0.85	0.63	0.46	0.45	0.48	0.61	0.91	1.42	2.20	3.18	4.25	5.22	5.97	6.50	6.83	7.00	6.96	6.96
180	1.01	0.85	0.62	0.45	0.45	0.50	0.65	0.96	1.52	2.34	3.39	4.49	5.47	6.22	6.73	7.00	7.08	7.11	7.05

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-09

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:0.1991A P:20.10W PF:0.4573 Lamp Flux:800.016x1 lm		
NAME: L0238-T55-20W-20-3000K-SL30D-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	7.13	7.19	7.21	7.14	6.92	6.46	5.72	4.74	3.68	2.75	2.08	1.64	1.43	1.44	1.51	1.64	1.75	1.75
-170	7.09	7.13	7.13	7.08	6.80	6.26	5.46	4.47	3.48	2.64	2.01	1.61	1.44	1.44	1.50	1.64	1.74	1.75
-160	6.96	6.94	6.79	6.52	6.11	5.49	4.70	3.82	3.00	2.33	1.84	1.55	1.43	1.44	1.51	1.64	1.74	1.75
-150	6.07	5.98	5.73	5.33	4.80	4.19	3.54	2.91	2.37	1.95	1.65	1.48	1.43	1.45	1.53	1.66	1.73	1.75
-140	4.25	4.14	3.91	3.59	3.21	2.80	2.40	2.07	1.81	1.61	1.49	1.42	1.43	1.46	1.57	1.69	1.73	1.75
-130	2.42	2.39	2.30	2.16	2.00	1.83	1.65	1.53	1.45	1.43	1.42	1.42	1.43	1.51	1.61	1.70	1.73	1.75
-120	1.48	1.49	1.49	1.49	1.44	1.42	1.40	1.41	1.41	1.43	1.44	1.46	1.51	1.58	1.67	1.71	1.72	1.75
-110	1.40	1.39	1.39	1.38	1.39	1.41	1.45	1.49	1.52	1.54	1.57	1.58	1.62	1.65	1.69	1.71	1.72	1.75
-100	1.59	1.58	1.57	1.56	1.57	1.60	1.63	1.66	1.69	1.69	1.68	1.67	1.66	1.67	1.69	1.70	1.72	1.75
-90	1.66	1.66	1.65	1.65	1.65	1.67	1.68	1.69	1.71	1.70	1.69	1.68	1.67	1.67	1.69	1.71	1.73	1.75
-80	1.96	1.94	1.91	1.88	1.86	1.87	1.86	1.86	1.86	1.81	1.77	1.74	1.71	1.70	1.71	1.72	1.74	1.75
-70	2.68	2.66	2.63	2.58	2.52	2.48	2.42	2.35	2.26	2.14	2.04	1.94	1.84	1.79	1.76	1.74	1.75	1.75
-60	6.11	5.73	5.20	4.78	3.59	3.27	3.12	3.00	2.84	2.64	2.44	2.23	2.05	1.93	1.83	1.78	1.75	1.75
-50	25.9	24.5	22.0	18.2	14.7	11.8	7.22	5.67	3.62	3.15	2.89	2.61	2.33	2.10	1.94	1.83	1.76	1.75
-40	75.5	68.3	58.5	48.2	37.0	27.6	19.8	14.6	9.06	5.60	3.32	2.96	2.63	2.30	2.04	1.86	1.78	1.75
-30	208	187	158	122	85.2	60.6	40.9	26.5	17.5	10.1	5.62	3.27	2.88	2.49	2.14	1.91	1.79	1.75
-20	640	502	352	247	172	109	68.0	43.4	26.1	15.6	8.02	4.02	3.07	2.64	2.22	1.95	1.80	1.75
-10	1785	1323	828	462	258	163	95.7	54.8	32.8	19.6	10.3	5.11	3.18	2.74	2.28	1.97	1.81	1.75
0	2461	1779	1076	574	303	171	108	58.4	33.6	21.0	10.8	5.25	3.23	2.79	2.31	1.99	1.82	1.75
10	1433	1077	688	389	230	146	90.8	49.0	30.3	18.7	9.44	4.67	3.05	2.65	2.22	1.94	1.79	1.75
20	440	356	266	196	139	93.0	55.5	33.9	22.2	13.3	7.05	3.42	2.81	2.46	2.10	1.88	1.76	1.75
30	151	136	114	85.7	64.6	46.5	31.3	20.8	13.9	7.87	4.13	2.78	2.53	2.23	1.97	1.81	1.73	1.75
40	50.5	47.2	42.3	33.9	27.8	19.6	15.0	11.0	6.22	3.82	2.59	2.39	2.21	1.99	1.83	1.73	1.70	1.75
50	17.8	16.1	14.0	12.4	10.2	6.95	4.84	3.73	2.59	2.39	2.22	2.02	1.86	1.76	1.68	1.66	1.68	1.75
60	3.65	3.40	2.92	2.66	2.49	2.38	2.27	2.15	2.05	1.94	1.80	1.68	1.57	1.55	1.56	1.59	1.65	1.75
70	1.90	1.91	1.90	1.89	1.86	1.79	1.71	1.63	1.54	1.50	1.45	1.40	1.35	1.38	1.45	1.53	1.63	1.75
80	1.33	1.35	1.36	1.37	1.36	1.33	1.29	1.25	1.20	1.20	1.20	1.20	1.19	1.25	1.36	1.48	1.61	1.75
90	0.96	0.98	0.99	1.01	1.01	0.99	0.97	0.95	0.93	0.95	0.98	1.00	1.03	1.12	1.27	1.43	1.59	1.75
100	0.55	0.57	0.60	0.63	0.64	0.64	0.65	0.65	0.66	0.72	0.78	0.84	0.90	1.04	1.23	1.42	1.58	1.75
110	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.48	0.55	0.63	0.72	0.95	1.20	1.40	1.59	1.75
120	0.71	0.67	0.62	0.56	0.53	0.51	0.49	0.48	0.46	0.44	0.46	0.49	0.59	0.88	1.16	1.41	1.59	1.75
130	1.70	1.60	1.46	1.31	1.13	0.98	0.83	0.70	0.57	0.48	0.45	0.45	0.61	0.86	1.15	1.42	1.60	1.75
140	3.62	3.43	3.14	2.77	2.38	1.95	1.54	1.15	0.85	0.63	0.48	0.54	0.71	0.91	1.16	1.43	1.62	1.75
150	5.59	5.37	5.03	4.58	3.98	3.28	2.55	1.86	1.29	0.89	0.76	0.74	0.86	1.01	1.21	1.46	1.65	1.75
160	6.64	6.50	6.27	5.88	5.26	4.47	3.56	2.64	2.02	1.53	1.21	1.04	1.03	1.13	1.29	1.50	1.68	1.75
170	6.89	6.88	6.70	6.40	5.97	5.47	4.74	3.85	2.97	2.21	1.68	1.35	1.23	1.28	1.39	1.57	1.71	1.75
180	7.13	7.19	7.21	7.14	6.92	6.46	5.72	4.74	3.68	2.75	2.08	1.64	1.43	1.44	1.51	1.64	1.75	1.75

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-09

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: