

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3597.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	50.8V x 50.6H
	At 50% of Imax	25.2V x 25.1H
	At 90% of Imax	9.9V x 9.8H

Beam Flux	Total	1000.5 lumens per klm.
	To 10% of Imax	769.9 lumens per klm.
	To 50% of Imax	394.4 lumens per klm.
	To 90% of Imax	77.9 lumens per klm.

Upward LOR	2.0 %
Downward LOR	98.0 %

Luminaire Efficiency(Light Output Ratio)	100.0 %
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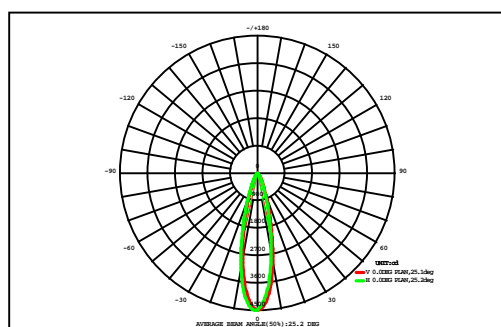
H( $\theta$ ) Range:-90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-10

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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:0.1942A P:19.55W PF:0.4563 Lamp Flux:1248.71x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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:63.87lm/W	
MODEL	CREE XPG3 3000K	Imax(cd)	4492
NOMINAL POWER(W)	20	AVAILABILITY(%)	77.1
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	963.3
NOMINAL FLUX(lm)	1248.71	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1249
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	25,25DEG

90 80 70 60 50 40 30  -30 -40 -50 -60 -70 -80 -90	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.04	0.03	0.02	0.02	0.01	0.67	0.00
	0.00	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.08	0.08	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.87	0.00
	0.00	0.02	0.03	0.05	0.06	0.09	0.11	0.12	0.13	0.13	0.12	0.10	0.09	0.06	0.05	0.03	0.02	0.01	1.22	0.00
	0.01	0.02	0.03	0.06	0.08	0.14	0.26	0.40	0.51	0.51	0.42	0.27	0.15	0.09	0.06	0.04	0.02	0.01	3.07	0.00
	0.01	0.02	0.04	0.07	0.16	0.45	0.84	1.27	1.55	1.58	1.30	0.88	0.49	0.18	0.07	0.04	0.02	0.01	8.96	0.00
	0.01	0.02	0.04	0.10	0.38	0.97	1.97	3.27	4.40	4.47	3.43	2.13	1.08	0.43	0.11	0.05	0.02	0.01	22.9	0.00
	0.01	0.02	0.05	0.17	0.67	1.80	4.21	8.23	12.5	12.7	8.66	4.58	1.98	0.77	0.20	0.06	0.03	0.01	56.6	14.2
	0.01	0.02	0.05	0.25	0.96	2.90	7.98	21.7	42.6	43.1	22.5	8.55	3.26	1.09	0.30	0.06	0.03	0.01	155	129
	0.01	0.02	0.05	0.31	1.16	3.85	12.1	43.8	98.3	99.2	45.3	13.1	4.31	1.31	0.37	0.07	0.03	0.01	323	302
	0.01	0.02	0.05	0.31	1.19	3.94	12.5	46.4	107	109	49.0	13.8	4.43	1.35	0.38	0.07	0.03	0.01	349	327
	0.01	0.02	0.05	0.27	1.03	3.12	8.65	25.0	52.7	54.0	27.2	9.64	3.52	1.16	0.32	0.07	0.03	0.01	187	162
	0.01	0.02	0.05	0.19	0.75	1.99	4.83	9.83	15.8	16.3	10.6	5.35	2.24	0.84	0.23	0.06	0.03	0.01	69.2	28.4
	0.01	0.02	0.05	0.11	0.44	1.12	2.29	4.01	5.46	5.59	4.27	2.50	1.24	0.50	0.14	0.06	0.03	0.01	27.9	0.00
	0.01	0.02	0.04	0.07	0.19	0.52	0.98	1.52	1.89	1.92	1.61	1.08	0.58	0.23	0.09	0.05	0.03	0.01	10.8	0.00
	0.01	0.02	0.04	0.06	0.09	0.16	0.32	0.50	0.63	0.65	0.55	0.37	0.19	0.11	0.07	0.05	0.02	0.01	3.86	0.00
	0.01	0.02	0.04	0.06	0.07	0.09	0.11	0.13	0.15	0.16	0.14	0.12	0.11	0.09	0.06	0.04	0.02	0.01	1.43	0.00
	0.01	0.02	0.04	0.05	0.06	0.08	0.09	0.10	0.10	0.10	0.10	0.09	0.08	0.07	0.05	0.04	0.02	0.01	1.11	0.00
	0.01	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	0.04	0.02	0.01	0.97	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL( DEG ) 20 30 40 50 60 70 80 90																				
F t	0.10	0.35	0.74	2.25	7.45	21.4	57.5	166	344	349	175	62.7	23.9	8.43	2.64	0.88	0.44	0.13	1224	---
F a	0.00	0.00	0.00	0.00	0.00	0.00	16.9	138	317	323	147	21.8	0.00	0.00	0.00	0.00	0.00	0.00	---	963

one-half-peak spread: U:12.7,D:12.7 , L:12.5,R:12.8

NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG  
H(h) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-10

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:0.1942A P:19.55W PF:0.4563 Lamp Flux:1248.7lx1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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):

1178.2 lm

%lum = 94.3%

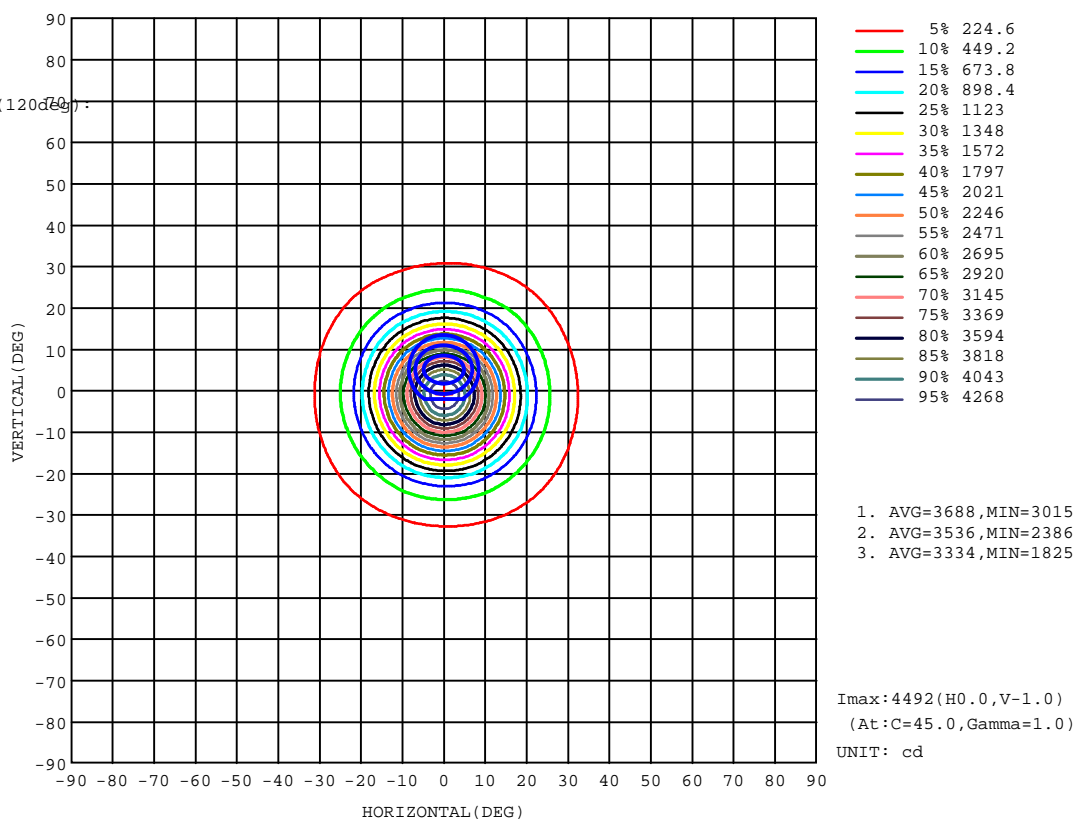
%lamp = 94.4%

Conical surface Flux(120deg):

1213.5 lm

%lum = 97.1%

%lamp = 97.2%



H(b) Range:-90 - 90DEG

H(b) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-10

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

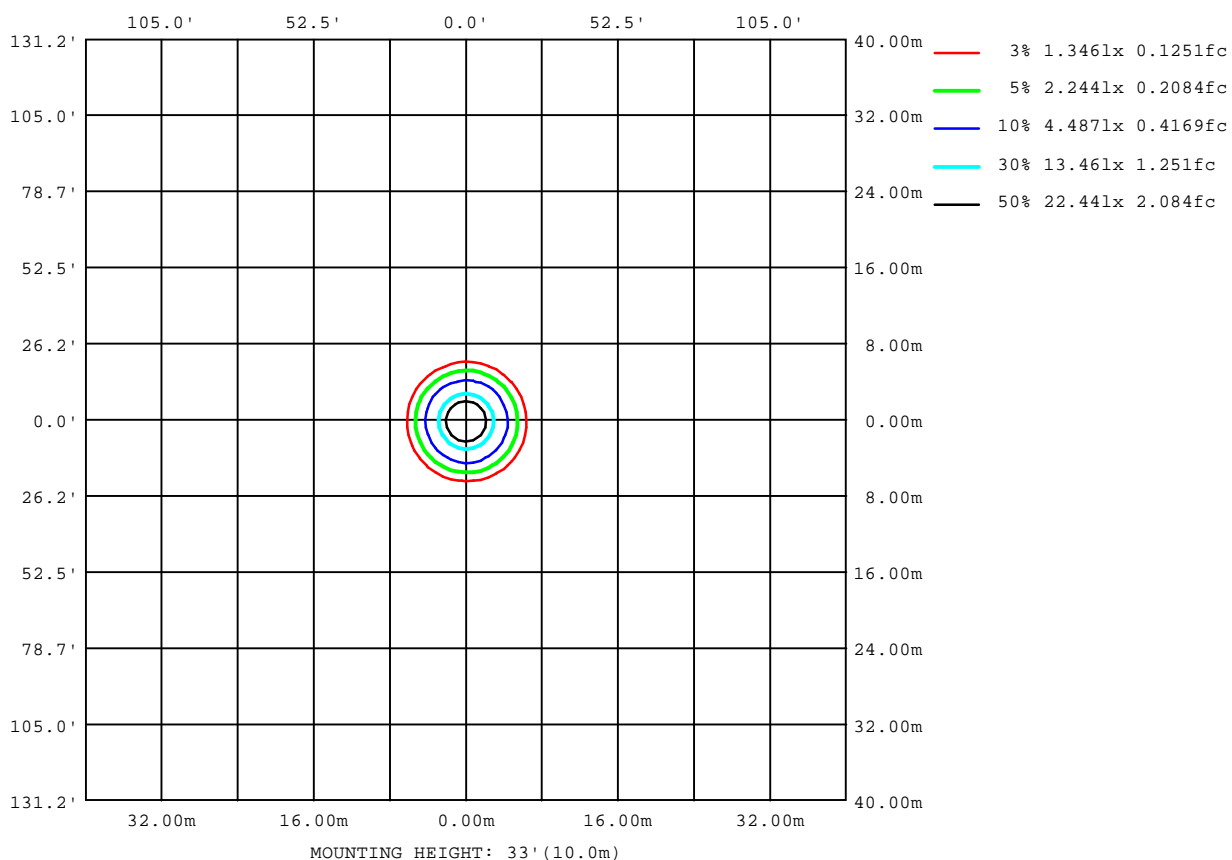
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

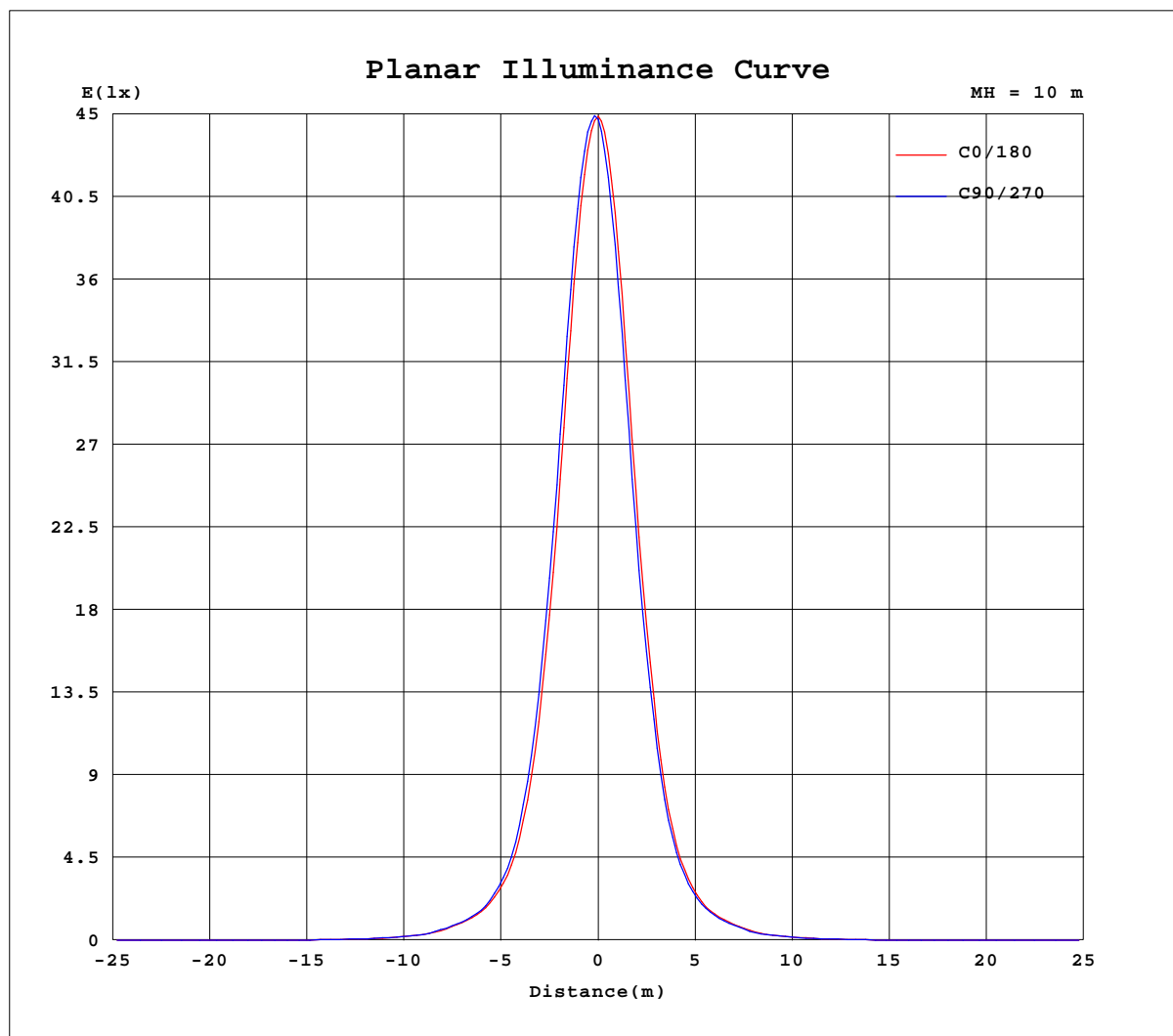
Test:U:220.7V I:0.1942A P:19.55W PF:0.4563 Lamp Flux:1248.71x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-XPG3	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-10

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

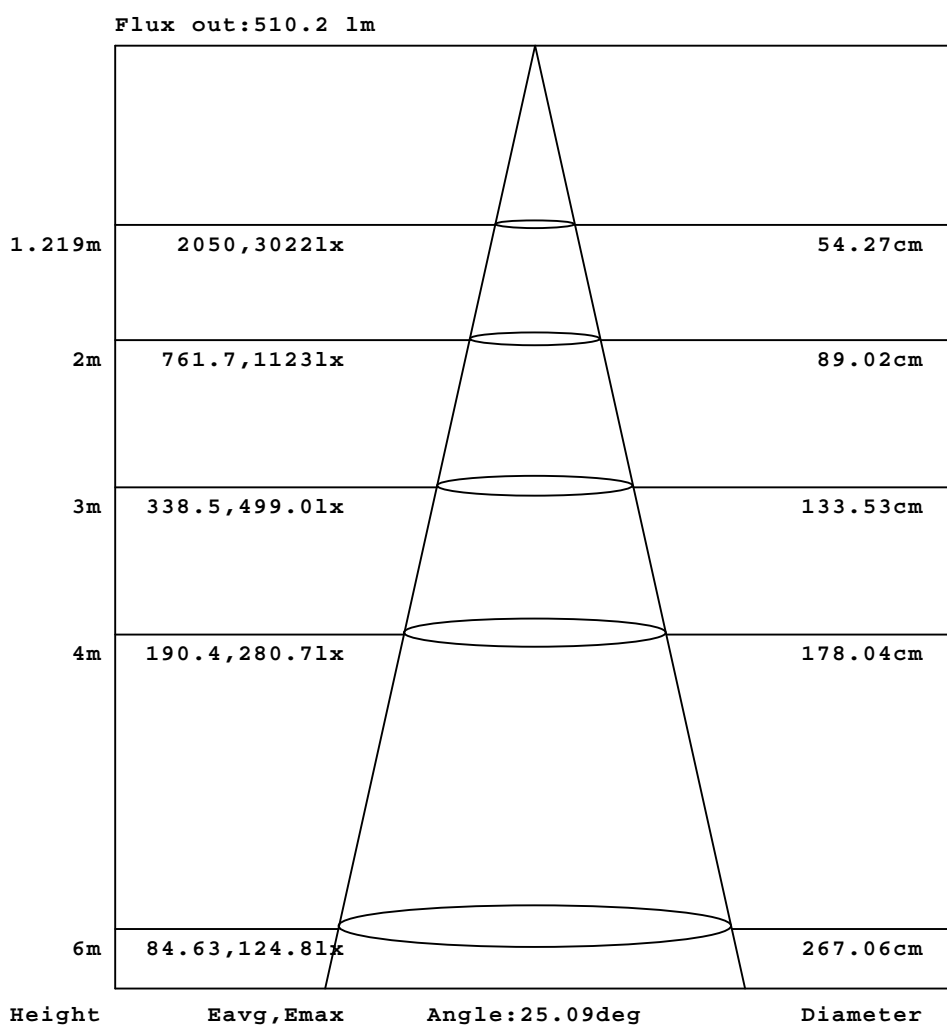


H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-10

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:0.1942A P:19.55W PF:0.4563 Lamp Flux:1248.71x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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(h) Range: -90 - 90DEG  
H(h) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature: 30DEG  
Operators: Matthew  
Test Date: 2018-05-10

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:0.1942A P:19.55W PF:0.4563 Lamp Flux:1248.71x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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	1.70	1.40	1.06	0.78	0.75	0.85	1.11	1.62	2.51	3.83	5.52	7.29	8.83	9.96	10.7	11.0	11.1	11.1	11.0
-170	1.70	1.45	1.18	0.97	0.98	1.12	1.44	2.02	2.97	4.33	6.04	7.82	9.35	10.4	10.9	11.1	11.1	11.2	11.2
-160	1.70	1.52	1.32	1.17	1.21	1.37	1.68	2.23	3.10	4.33	5.88	7.29	8.57	9.57	10.2	10.7	11.0	11.1	11.1
-150	1.70	1.59	1.46	1.38	1.42	1.60	1.87	2.32	2.99	3.65	4.53	5.54	6.62	7.61	8.47	9.12	9.56	9.80	9.86
-140	1.70	1.66	1.61	1.60	1.66	1.82	2.07	2.27	2.47	2.80	3.26	3.80	4.44	5.11	5.73	6.26	6.65	6.89	6.96
-130	1.70	1.73	1.76	1.83	1.93	2.07	2.19	2.19	2.21	2.26	2.41	2.61	2.89	3.17	3.45	3.68	3.85	3.96	3.98
-120	1.70	1.79	1.89	2.03	2.19	2.38	2.33	2.26	2.22	2.21	2.19	2.20	2.22	2.28	2.35	2.38	2.41	2.43	2.42
-110	1.70	1.84	2.01	2.19	2.41	2.58	2.54	2.49	2.45	2.43	2.36	2.31	2.26	2.22	2.20	2.21	2.22	2.23	2.25
-100	1.70	1.89	2.09	2.31	2.54	2.69	2.69	2.69	2.70	2.70	2.67	2.63	2.60	2.58	2.56	2.57	2.58	2.60	2.62
-90	1.70	1.92	2.14	2.37	2.59	2.71	2.72	2.73	2.74	2.75	2.74	2.73	2.72	2.71	2.70	2.71	2.72	2.73	2.74
-80	1.70	1.97	2.19	2.41	2.62	2.73	2.75	2.78	2.81	2.83	2.85	2.85	2.85	2.86	2.88	2.92	2.96	3.00	3.03
-70	1.70	1.99	2.23	2.44	2.66	2.83	2.91	3.00	3.09	3.18	3.26	3.34	3.41	3.46	3.53	3.64	3.73	3.81	3.88
-60	1.70	2.00	2.25	2.49	2.75	3.02	3.21	3.41	3.60	3.76	3.88	4.01	4.20	4.70	6.44	7.63	8.53	9.64	10.5
-50	1.70	2.00	2.28	2.55	2.86	3.25	3.64	3.91	4.13	4.63	7.85	9.74	17.5	21.7	25.2	30.1	33.9	36.5	37.2
-40	1.70	2.01	2.29	2.61	3.00	3.50	3.97	4.43	7.68	13.1	22.0	29.9	38.8	54.7	68.2	82.2	93.2	103	108
-30	1.70	2.01	2.30	2.65	3.13	3.67	4.20	7.91	15.7	25.7	40.7	60.4	83.2	114	162	210	250	280	292
-20	1.70	1.99	2.29	2.67	3.21	3.77	5.24	11.8	23.6	42.0	59.4	98.3	154	235	339	499	722	940	1045
-10	1.70	1.97	2.27	2.66	3.23	3.77	6.71	15.2	31.4	49.8	81.3	139	226	364	652	1206	1994	2811	3166
0	1.70	1.95	2.22	2.60	3.16	3.69	6.80	15.4	33.7	52.6	86.0	157	249	450	859	1679	2850	4006	4487
10	1.70	1.95	2.22	2.60	3.16	3.71	6.44	14.3	30.2	48.1	77.5	131	216	347	602	1088	1743	2353	2631
20	1.70	1.94	2.20	2.55	3.07	3.63	4.72	10.6	21.9	37.3	54.8	90.2	137	211	301	423	583	727	788
30	1.70	1.92	2.16	2.47	2.91	3.45	3.97	6.95	12.7	23.1	35.4	53.0	76.1	98.5	135	175	206	230	239
40	1.70	1.90	2.10	2.36	2.71	3.16	3.64	4.11	6.60	10.2	19.8	27.0	33.8	46.3	56.4	63.5	74.5	80.3	81.3
50	1.70	1.87	2.04	2.25	2.49	2.81	3.19	3.57	3.93	4.39	6.68	8.75	12.8	18.4	21.9	24.8	28.4	31.3	32.8
60	1.70	1.84	1.97	2.12	2.29	2.48	2.69	2.92	3.19	3.47	3.72	3.99	4.23	4.51	4.85	5.57	6.50	6.97	7.06
70	1.70	1.81	1.90	2.00	2.09	2.21	2.29	2.38	2.48	2.59	2.73	2.88	3.03	3.17	3.27	3.34	3.40	3.43	3.43
80	1.70	1.77	1.82	1.87	1.93	1.97	1.99	2.00	2.02	2.04	2.10	2.15	2.20	2.25	2.27	2.27	2.26	2.24	2.22
90	1.70	1.71	1.72	1.74	1.75	1.74	1.72	1.70	1.68	1.65	1.67	1.68	1.70	1.72	1.71	1.69	1.68	1.66	1.64
100	1.70	1.67	1.63	1.60	1.56	1.50	1.42	1.34	1.28	1.21	1.17	1.15	1.13	1.11	1.10	1.06	1.04	1.01	0.99
110	1.70	1.62	1.54	1.43	1.33	1.22	1.08	0.98	0.88	0.81	0.78	0.78	0.78	0.77	0.77	0.76	0.76	0.76	0.75
120	1.70	1.58	1.43	1.26	1.10	0.97	0.85	0.79	0.77	0.77	0.80	0.83	0.86	0.91	0.95	1.03	1.09	1.13	1.15
130	1.70	1.54	1.32	1.11	0.93	0.82	0.77	0.77	0.82	0.93	1.11	1.31	1.54	1.79	2.04	2.27	2.48	2.60	2.65
140	1.70	1.50	1.23	0.98	0.82	0.77	0.77	0.83	1.05	1.37	1.83	2.39	3.04	3.71	4.36	4.94	5.38	5.65	5.75
150	1.70	1.46	1.15	0.89	0.77	0.77	0.83	1.06	1.45	2.09	2.97	4.03	5.21	6.33	7.28	8.01	8.51	8.81	8.92
160	1.70	1.43	1.10	0.83	0.76	0.79	0.96	1.32	1.96	2.94	4.24	5.75	7.21	8.47	9.39	10.0	10.4	10.5	10.6
170	1.70	1.41	1.07	0.80	0.76	0.82	1.06	1.54	2.36	3.60	5.20	6.91	8.44	9.59	10.4	10.8	11.0	11.0	11.0
180	1.70	1.40	1.06	0.78	0.75	0.85	1.11	1.62	2.51	3.83	5.52	7.29	8.83	9.96	10.7	11.0	11.1	11.1	11.0

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-10

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:0.1942A P:19.55W PF:0.4563 Lamp Flux:1248.71x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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	11.1	11.2	11.3	11.2	10.9	10.2	8.95	7.36	5.65	4.22	3.17	2.51	2.25	2.25	2.40	2.62	2.78	2.82
-170	11.2	11.3	11.3	11.1	10.7	9.79	8.51	6.93	5.34	4.02	3.07	2.48	2.25	2.25	2.40	2.62	2.78	2.82
-160	11.1	11.0	10.8	10.4	9.67	8.62	7.31	5.89	4.59	3.54	2.83	2.39	2.25	2.26	2.43	2.64	2.78	2.82
-150	9.81	9.60	9.16	8.52	7.65	6.63	5.55	4.52	3.65	2.99	2.53	2.29	2.24	2.30	2.46	2.66	2.79	2.82
-140	6.89	6.65	6.25	5.72	5.10	4.45	3.81	3.25	2.81	2.49	2.31	2.24	2.24	2.36	2.53	2.70	2.80	2.82
-130	3.96	3.86	3.68	3.45	3.17	2.90	2.64	2.44	2.30	2.26	2.23	2.24	2.31	2.45	2.61	2.73	2.80	2.82
-120	2.43	2.42	2.40	2.37	2.31	2.25	2.24	2.24	2.25	2.27	2.31	2.38	2.45	2.58	2.68	2.75	2.80	2.82
-110	2.24	2.24	2.23	2.23	2.24	2.29	2.35	2.41	2.46	2.49	2.54	2.58	2.63	2.67	2.73	2.78	2.80	2.82
-100	2.60	2.59	2.58	2.58	2.59	2.63	2.66	2.70	2.74	2.73	2.72	2.72	2.72	2.74	2.76	2.78	2.80	2.82
-90	2.73	2.73	2.72	2.72	2.72	2.74	2.75	2.76	2.78	2.77	2.76	2.76	2.75	2.75	2.77	2.78	2.80	2.82
-80	3.03	3.03	3.01	3.00	2.99	3.00	3.00	3.00	2.99	2.94	2.90	2.85	2.81	2.79	2.80	2.81	2.82	2.82
-70	3.92	3.94	3.95	3.93	3.90	3.84	3.77	3.68	3.56	3.41	3.27	3.14	3.01	2.92	2.87	2.83	2.83	2.82
-60	9.96	9.10	8.37	7.35	5.45	4.93	4.75	4.64	4.43	4.17	3.86	3.58	3.32	3.13	2.98	2.89	2.84	2.82
-50	38.0	36.7	33.0	27.7	24.1	19.4	11.7	9.07	5.70	4.91	4.58	4.17	3.72	3.39	3.12	2.94	2.85	2.82
-40	105	97.3	86.3	72.3	59.0	44.1	32.4	25.2	15.9	9.28	5.30	4.73	4.21	3.67	3.28	3.01	2.87	2.82
-30	288	263	224	178	128	92.0	68.0	45.4	29.1	19.2	9.48	5.22	4.61	3.95	3.43	3.08	2.89	2.82
-20	979	777	546	369	260	174	110	71.3	46.0	27.3	14.4	7.28	4.90	4.20	3.54	3.13	2.90	2.82
-10	2874	2088	1305	730	408	254	159	93.7	56.2	35.4	18.8	8.99	5.07	4.37	3.64	3.17	2.91	2.82
0	4045	2922	1728	923	479	278	179	100	61.8	37.6	19.2	9.81	5.15	4.45	3.67	3.19	2.92	2.82
10	2377	1773	1126	636	376	235	151	88.4	54.1	34.6	17.6	8.56	4.88	4.23	3.53	3.11	2.88	2.82
20	738	598	448	317	226	155	100	60.5	43.8	25.1	13.0	6.23	4.52	3.91	3.35	3.01	2.84	2.82
30	236	216	185	142	107	81.8	58.8	40.9	25.5	15.6	8.34	4.50	4.06	3.54	3.15	2.90	2.80	2.82
40	82.5	78.5	70.2	60.6	49.5	35.9	29.4	21.1	11.8	7.64	4.25	3.87	3.52	3.16	2.93	2.79	2.75	2.82
50	31.4	28.7	25.2	23.2	19.9	14.2	8.95	7.54	4.48	3.99	3.63	3.25	2.96	2.81	2.72	2.67	2.71	2.82
60	7.09	6.73	5.89	4.86	4.47	4.20	3.98	3.71	3.46	3.20	2.92	2.69	2.51	2.52	2.52	2.57	2.67	2.82
70	3.42	3.38	3.33	3.25	3.12	2.99	2.84	2.69	2.57	2.47	2.38	2.30	2.21	2.26	2.36	2.49	2.64	2.82
80	2.24	2.24	2.25	2.25	2.23	2.19	2.14	2.09	2.05	2.03	2.01	2.00	1.98	2.06	2.23	2.42	2.62	2.82
90	1.66	1.67	1.69	1.71	1.71	1.70	1.69	1.67	1.66	1.68	1.71	1.73	1.75	1.88	2.11	2.35	2.58	2.82
100	1.01	1.04	1.07	1.10	1.12	1.14	1.16	1.18	1.21	1.28	1.36	1.44	1.52	1.73	2.03	2.32	2.58	2.82
110	0.75	0.76	0.76	0.76	0.77	0.77	0.77	0.78	0.79	0.89	0.99	1.11	1.23	1.58	1.96	2.30	2.58	2.82
120	1.11	1.06	1.00	0.93	0.87	0.84	0.80	0.77	0.76	0.76	0.79	0.87	1.03	1.47	1.90	2.28	2.59	2.82
130	2.58	2.42	2.21	1.96	1.70	1.45	1.23	1.05	0.88	0.79	0.76	0.78	1.03	1.44	1.87	2.29	2.61	2.82
140	5.62	5.31	4.83	4.24	3.56	2.89	2.25	1.70	1.28	0.99	0.79	0.90	1.16	1.50	1.90	2.31	2.63	2.82
150	8.78	8.45	7.90	7.13	6.13	5.01	3.84	2.78	1.95	1.34	1.20	1.20	1.38	1.63	1.97	2.35	2.66	2.82
160	10.5	10.3	9.87	9.23	8.26	6.98	5.50	4.04	3.06	2.32	1.86	1.63	1.65	1.81	2.09	2.42	2.69	2.82
170	10.9	10.8	10.6	10.2	9.48	8.62	7.42	5.96	4.53	3.37	2.56	2.09	1.94	2.02	2.23	2.51	2.73	2.82
180	11.1	11.2	11.3	11.2	10.9	10.2	8.95	7.36	5.65	4.22	3.17	2.51	2.25	2.25	2.40	2.62	2.78	2.82

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-05-10

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: