

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		6307.7 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	36.8V x 38.1H
	At 50% of Imax	17.0V x 18.1H
	At 90% of Imax	6.3V x 6.9H
Beam Flux	Total	1001.0 lumens per klm.
	To 10% of Imax	701.8 lumens per klm.
	To 50% of Imax	335.8 lumens per klm.
	To 90% of Imax	57.8 lumens per klm.
	Upward LOR	2.0 %
	Downward LOR	98.1 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

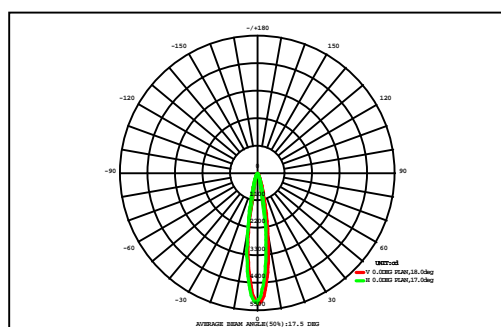
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H( $\theta$ ) Range:-90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-09

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:20.09W PF:0.4571 Lamp Flux:826.034x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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:41.11lm/W	
MODEL	CREE XPE2 3000K	Imax(cd)	5210
NOMINAL POWER(W)	20	AVAILABILITY(%)	69.9
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	577.5
NOMINAL FLUX(lm)	826.034	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	826.0
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	18,17DEG

VERTICAL( DEG )	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.02	0.01	0.00	0.49	0.00	
90	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	0.03	0.03	0.02	0.01	0.00	0.57	0.00
80	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.73	0.00
70	0.00	0.01	0.02	0.04	0.05	0.09	0.16	0.24	0.30	0.30	0.25	0.16	0.09	0.05	0.03	0.02	0.01	0.00	1.85	0.00
60	0.00	0.01	0.02	0.04	0.10	0.26	0.50	0.72	0.91	0.93	0.77	0.54	0.28	0.10	0.04	0.02	0.01	0.00	5.28	0.00
50	0.00	0.01	0.03	0.06	0.23	0.57	1.10	1.88	2.47	2.52	2.00	1.23	0.65	0.25	0.06	0.03	0.01	0.01	13.1	0.00
40	0.00	0.01	0.03	0.11	0.39	1.02	2.39	4.28	6.16	6.30	4.57	2.68	1.18	0.46	0.11	0.03	0.02	0.01	29.7	0.00
30	0.00	0.01	0.03	0.15	0.55	1.64	4.12	10.3	22.1	23.4	11.6	4.59	1.93	0.66	0.17	0.03	0.02	0.01	81.3	43.9
-30	0.00	0.01	0.03	0.18	0.69	2.12	6.01	23.7	83.8	90.0	28.3	6.92	2.51	0.82	0.21	0.04	0.02	0.01	245	220
	0.00	0.01	0.03	0.19	0.69	2.16	6.15	25.3	93.5	103	31.4	7.26	2.57	0.83	0.21	0.04	0.02	0.01	273	249
	0.00	0.01	0.03	0.16	0.58	1.72	4.38	11.8	28.2	30.4	13.6	5.05	2.05	0.69	0.18	0.03	0.02	0.01	98.9	64.7
	0.00	0.01	0.03	0.11	0.42	1.09	2.60	4.85	7.23	7.48	5.22	2.95	1.30	0.48	0.12	0.03	0.02	0.01	34.0	0.00
	0.00	0.01	0.03	0.07	0.25	0.62	1.23	2.13	2.86	2.95	2.35	1.39	0.70	0.27	0.07	0.03	0.02	0.01	15.0	0.00
	0.00	0.01	0.03	0.05	0.11	0.29	0.55	0.83	1.05	1.07	0.88	0.59	0.30	0.11	0.04	0.03	0.02	0.01	5.97	0.00
	0.00	0.01	0.03	0.04	0.06	0.10	0.18	0.28	0.34	0.34	0.27	0.18	0.09	0.05	0.04	0.03	0.02	0.01	2.04	0.00
	0.00	0.01	0.02	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.77	0.00
	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.03	0.02	0.01	0.01	0.66	0.00
	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.03	0.02	0.01	0.01	0.64
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL( DEG )				20	30	40	50	60	70	80	90
F t	0.07	0.24	0.48	1.38	4.36	12.0	29.7	86.7	249	269	102	33.8	13.9	4.98	1.46	0.48	0.27	0.09	810	---
F a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.0	221	241	66.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	578

one-half-peak spread: U:9.4,D:7.8 , L:9.6,R:8.6

NEMA Beam Type: Type 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:

## ISOCANDELA DIAGRAM

Test:U:220.7V I:0.1991A P:20.09W PF:0.4571 Lamp Flux:826.034x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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):

783.92 lm

%lum = 94.8%

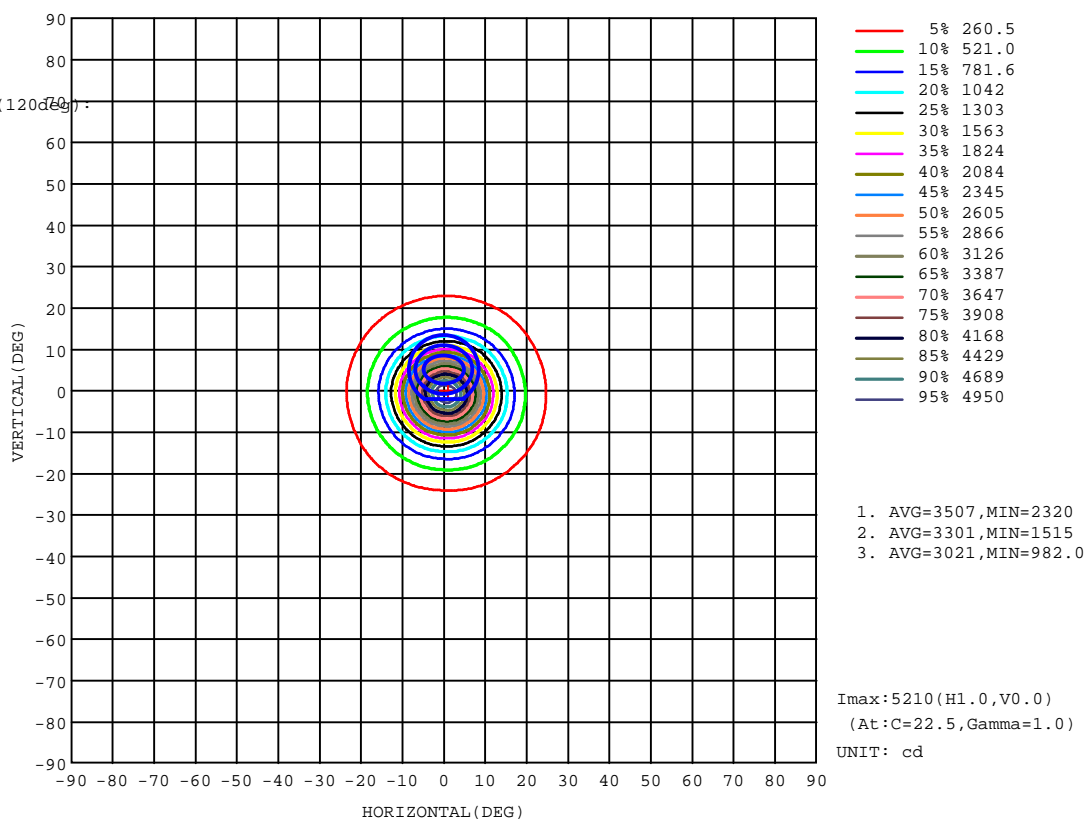
%lamp = 94.9%

Conical surface Flux(120deg):

804.02 lm

%lum = 97.2%

%lamp = 97.3%



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

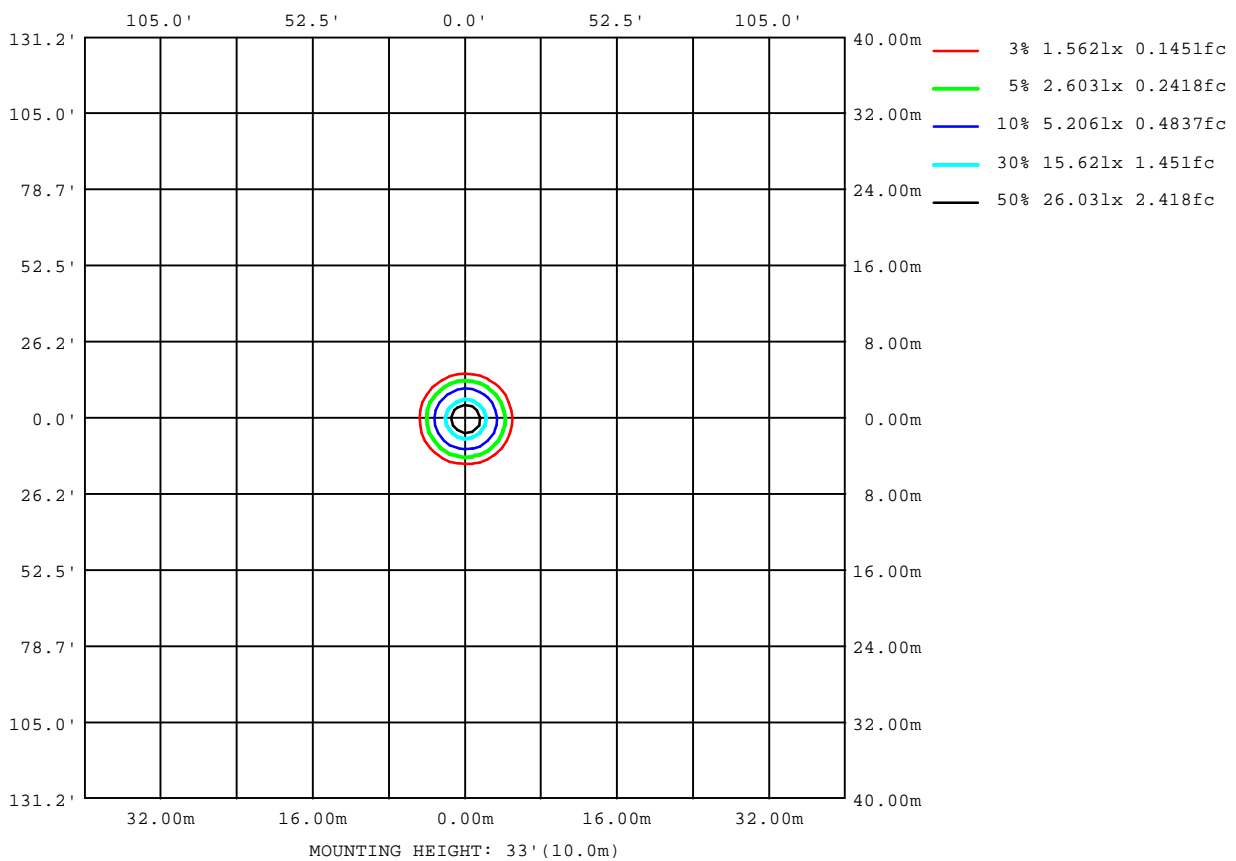
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

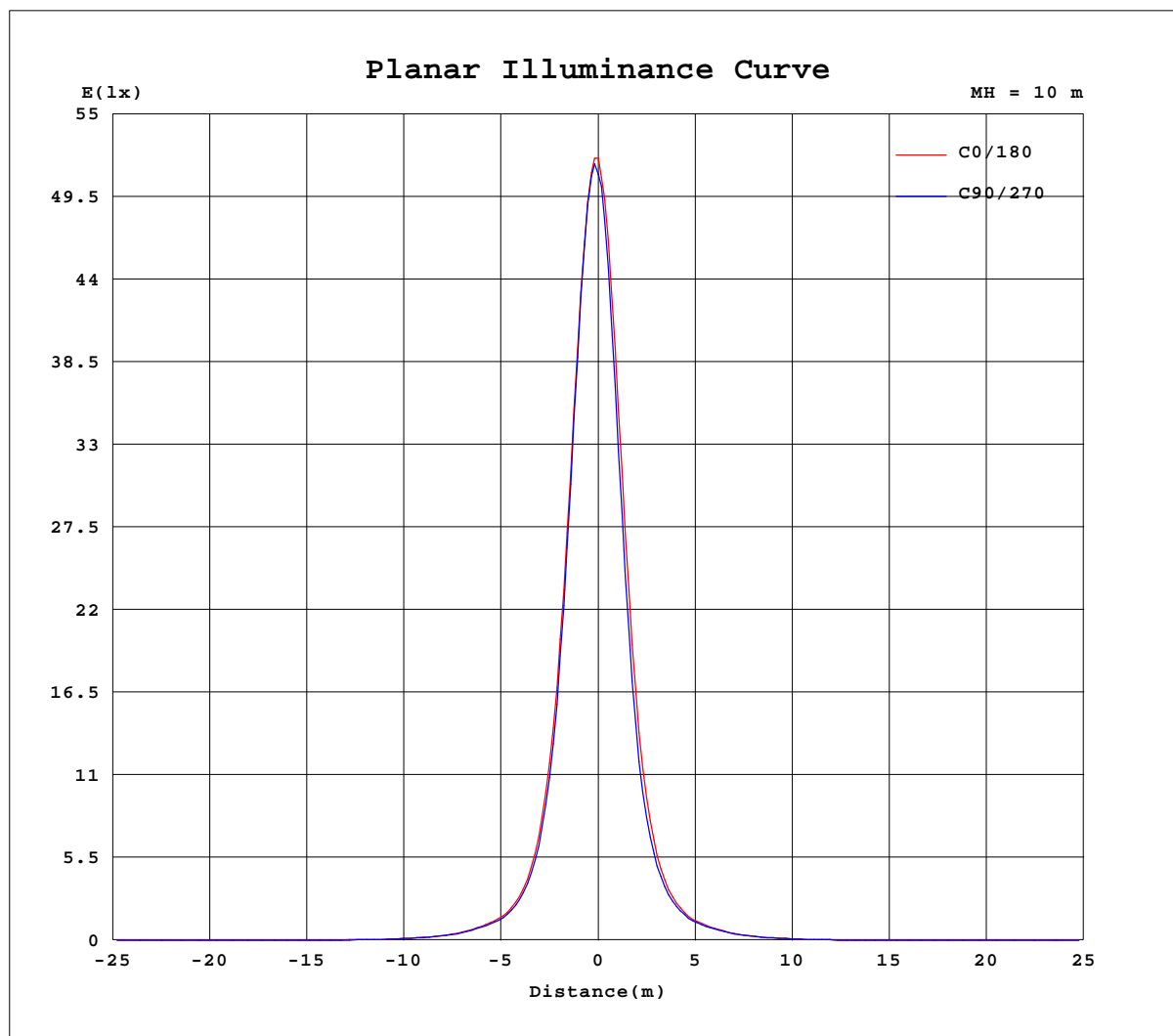
Test:U:220.7V I:0.1991A P:20.09W PF:0.4571 Lamp Flux:826.034x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-XPE2	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



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

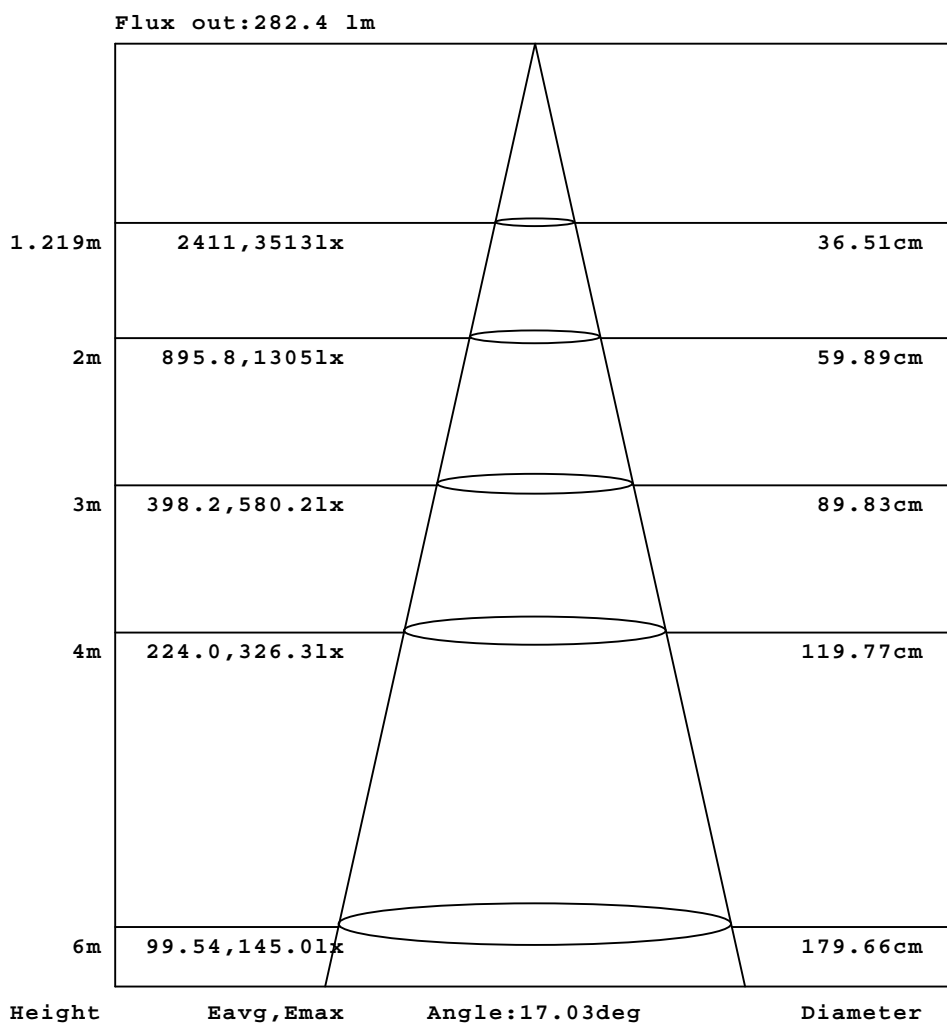


H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-09

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:20.09W PF:0.4571 Lamp Flux:826.034x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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:20.09W PF:0.4571 Lamp Flux:826.034x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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	1.18	0.82	0.48	0.35	0.35	0.41	0.55	0.83	1.38	2.33	3.71	5.13	6.23	6.90	7.32	7.49	7.43	7.20	6.99
-170	1.18	0.87	0.58	0.47	0.48	0.57	0.76	1.13	1.75	2.73	4.19	5.85	7.11	7.61	7.65	7.63	7.62	7.52	7.55
-160	1.18	0.92	0.69	0.59	0.61	0.71	0.90	1.28	1.87	2.75	3.98	5.34	6.62	7.40	7.66	7.68	7.63	7.63	7.68
-150	1.18	0.99	0.81	0.72	0.76	0.84	1.01	1.31	1.81	2.28	2.89	3.65	4.62	5.61	6.48	7.08	7.40	7.53	7.55
-140	1.18	1.05	0.93	0.90	0.92	0.97	1.10	1.25	1.39	1.65	1.97	2.35	2.78	3.26	3.75	4.21	4.57	4.79	4.84
-130	1.18	1.10	1.06	1.07	1.12	1.18	1.19	1.18	1.20	1.21	1.33	1.50	1.70	1.90	2.10	2.25	2.35	2.40	2.40
-120	1.18	1.16	1.17	1.24	1.34	1.45	1.39	1.31	1.24	1.21	1.20	1.18	1.19	1.22	1.28	1.31	1.32	1.32	1.31
-110	1.18	1.21	1.30	1.39	1.53	1.65	1.61	1.57	1.53	1.49	1.44	1.36	1.30	1.25	1.22	1.22	1.23	1.24	1.26
-100	1.18	1.27	1.38	1.52	1.67	1.76	1.76	1.76	1.77	1.78	1.75	1.72	1.69	1.65	1.64	1.66	1.68	1.70	1.72
-90	1.18	1.32	1.45	1.58	1.71	1.79	1.80	1.82	1.84	1.85	1.84	1.83	1.81	1.80	1.80	1.82	1.83	1.85	1.86
-80	1.18	1.36	1.52	1.65	1.77	1.84	1.86	1.88	1.91	1.93	1.92	1.90	1.87	1.85	1.84	1.86	1.87	1.88	1.89
-70	1.18	1.40	1.57	1.70	1.81	1.90	1.93	1.95	1.98	2.02	2.03	2.02	2.02	2.01	2.01	2.03	2.04	2.05	2.05
-60	1.18	1.44	1.61	1.73	1.84	1.93	2.02	2.09	2.20	2.30	2.39	2.44	2.50	2.62	3.30	4.34	4.63	4.69	4.68
-50	1.18	1.46	1.63	1.74	1.84	2.00	2.20	2.37	2.53	2.83	4.52	6.55	9.00	12.1	14.1	16.4	17.9	18.8	19.2
-40	1.18	1.47	1.63	1.73	1.89	2.12	2.40	2.68	4.52	7.40	11.7	18.2	23.0	29.1	36.5	45.5	50.4	54.5	55.7
-30	1.18	1.48	1.63	1.73	1.93	2.23	2.56	4.76	8.63	15.0	23.2	31.6	43.9	65.3	88.2	111	132	147	153
-20	1.18	1.48	1.61	1.72	1.97	2.30	3.17	6.90	13.8	23.0	33.5	54.1	85.8	121	168	237	323	413	457
-10	1.18	1.47	1.58	1.70	1.98	2.33	4.43	9.86	17.0	28.7	46.8	76.2	121	183	304	574	1079	1857	2335
0	1.18	1.46	1.55	1.67	1.95	2.30	4.62	11.0	17.3	32.4	50.7	84.0	140	215	408	885	2059	3985	5206
10	1.18	1.46	1.56	1.67	1.95	2.31	4.40	9.69	16.3	27.9	45.5	72.5	118	175	288	516	908	1452	1805
20	1.18	1.45	1.57	1.67	1.91	2.26	2.98	6.39	13.0	21.3	32.0	51.3	79.6	113	152	211	273	338	369
30	1.18	1.44	1.57	1.65	1.83	2.14	2.50	4.64	8.05	13.6	21.0	29.1	39.9	59.4	79.9	99.6	114	127	132
40	1.18	1.42	1.55	1.63	1.74	1.98	2.28	2.60	4.30	6.72	10.9	16.7	20.9	26.2	30.6	37.7	44.1	47.2	48.0
50	1.18	1.40	1.53	1.60	1.68	1.80	2.00	2.22	2.45	2.76	4.11	6.14	8.02	10.5	12.7	14.5	16.3	17.1	17.0
60	1.18	1.36	1.49	1.57	1.63	1.69	1.75	1.84	1.97	2.13	2.28	2.44	2.57	2.75	3.01	3.81	4.25	4.56	4.72
70	1.18	1.32	1.42	1.51	1.58	1.63	1.63	1.64	1.65	1.68	1.72	1.79	1.86	1.93	1.98	2.00	2.00	1.98	1.95
80	1.18	1.26	1.33	1.40	1.46	1.49	1.50	1.52	1.52	1.53	1.55	1.57	1.60	1.63	1.63	1.61	1.59	1.57	1.55
90	1.18	1.20	1.21	1.23	1.24	1.24	1.21	1.19	1.17	1.15	1.17	1.19	1.21	1.23	1.23	1.21	1.20	1.18	1.16
100	1.18	1.14	1.09	1.04	1.00	0.94	0.85	0.77	0.70	0.62	0.60	0.58	0.56	0.55	0.54	0.50	0.48	0.45	0.43
110	1.18	1.08	0.98	0.86	0.75	0.65	0.54	0.44	0.37	0.34	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34
120	1.18	1.02	0.85	0.68	0.55	0.45	0.38	0.34	0.34	0.35	0.36	0.37	0.38	0.38	0.40	0.44	0.48	0.50	0.52
130	1.18	0.97	0.75	0.55	0.42	0.36	0.35	0.34	0.36	0.43	0.53	0.62	0.72	0.83	0.95	1.08	1.19	1.28	1.31
140	1.18	0.94	0.65	0.45	0.36	0.35	0.34	0.36	0.47	0.65	0.89	1.22	1.62	2.09	2.57	3.02	3.38	3.61	3.68
150	1.18	0.90	0.59	0.38	0.35	0.35	0.37	0.47	0.68	1.04	1.60	2.39	3.33	4.27	5.03	5.57	5.91	6.12	6.19
160	1.18	0.86	0.54	0.36	0.35	0.37	0.45	0.63	0.99	1.60	2.57	3.81	5.02	5.93	6.53	6.87	7.04	7.16	7.24
170	1.18	0.83	0.50	0.35	0.35	0.39	0.51	0.77	1.25	2.12	3.40	4.80	5.92	6.63	7.07	7.36	7.44	7.41	7.34
180	1.18	0.82	0.48	0.35	0.35	0.41	0.55	0.83	1.38	2.33	3.71	5.13	6.23	6.90	7.32	7.49	7.43	7.20	6.99

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:20.09W PF:0.4571 Lamp Flux:826.034x1 lm		
NAME: L0238-T55-20W-20-3000K-SL20D-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	7.29	7.62	7.79	7.89	7.95	7.83	6.83	5.14	3.59	2.54	1.85	1.40	1.26	1.32	1.52	1.76	1.90	1.92
-170	7.57	7.70	7.75	7.83	7.92	7.60	6.40	4.75	3.36	2.43	1.80	1.38	1.26	1.32	1.53	1.76	1.90	1.92
-160	7.68	7.72	7.80	7.82	7.48	6.55	5.16	3.81	2.83	2.13	1.63	1.32	1.25	1.34	1.56	1.77	1.90	1.92
-150	7.55	7.43	7.08	6.44	5.51	4.47	3.51	2.76	2.20	1.76	1.43	1.26	1.26	1.38	1.60	1.79	1.90	1.92
-140	4.77	4.53	4.14	3.66	3.17	2.69	2.27	1.92	1.60	1.39	1.27	1.24	1.30	1.47	1.66	1.82	1.90	1.92
-130	2.39	2.32	2.21	2.06	1.87	1.66	1.46	1.32	1.25	1.24	1.24	1.29	1.42	1.58	1.73	1.84	1.89	1.92
-120	1.32	1.32	1.31	1.29	1.25	1.22	1.22	1.25	1.27	1.33	1.40	1.48	1.58	1.70	1.80	1.86	1.89	1.92
-110	1.25	1.25	1.25	1.26	1.30	1.36	1.43	1.50	1.57	1.62	1.66	1.70	1.74	1.79	1.84	1.87	1.89	1.92
-100	1.71	1.70	1.69	1.68	1.70	1.74	1.77	1.80	1.84	1.83	1.83	1.82	1.82	1.83	1.85	1.87	1.89	1.92
-90	1.85	1.84	1.83	1.81	1.82	1.83	1.85	1.86	1.88	1.87	1.85	1.84	1.83	1.83	1.85	1.87	1.90	1.92
-80	1.87	1.85	1.84	1.82	1.82	1.84	1.87	1.89	1.91	1.90	1.89	1.88	1.86	1.86	1.87	1.90	1.91	1.92
-70	2.02	1.99	1.95	1.91	1.89	1.90	1.91	1.92	1.93	1.92	1.92	1.91	1.90	1.89	1.90	1.91	1.92	1.92
-60	4.64	4.45	3.95	3.40	2.47	2.31	2.24	2.19	2.11	2.04	1.98	1.93	1.93	1.93	1.93	1.93	1.93	1.92
-50	19.6	19.1	17.5	14.5	11.9	8.82	6.38	4.33	2.63	2.33	2.20	2.06	1.98	1.96	1.96	1.94	1.93	1.92
-40	56.0	52.9	47.0	38.4	31.8	25.5	20.1	12.6	7.62	4.70	2.50	2.28	2.12	2.01	1.99	1.96	1.94	1.92
-30	149	136	121	100.0	74.7	51.8	36.5	25.9	16.7	9.62	4.96	2.52	2.30	2.11	2.01	1.98	1.95	1.92
-20	436	347	258	186	139	99.9	65.1	42.6	26.3	15.4	7.38	3.27	2.44	2.20	2.05	2.00	1.96	1.92
-10	2069	1297	700	365	213	144	90.3	56.2	34.4	19.6	11.3	4.90	2.56	2.28	2.08	2.01	1.96	1.92
0	4364	2443	1092	496	252	163	101	60.6	39.1	20.8	12.7	5.09	2.64	2.33	2.11	2.02	1.97	1.92
10	1575	1046	596	325	197	134	88.1	54.2	33.4	19.5	10.8	4.70	2.51	2.23	2.04	1.98	1.95	1.92
20	351	291	228	167	125	93.3	60.4	36.6	25.6	14.7	6.91	2.99	2.34	2.10	1.97	1.94	1.93	1.92
30	130	119	105	87.0	67.9	46.1	33.3	24.7	15.4	8.57	4.42	2.35	2.14	1.95	1.89	1.90	1.91	1.92
40	48.3	46.2	42.0	34.1	29.3	23.2	19.0	11.8	6.86	4.02	2.26	2.04	1.88	1.80	1.82	1.86	1.88	1.92
50	17.1	16.6	15.1	13.3	11.3	8.30	6.13	3.88	2.42	2.12	1.94	1.74	1.67	1.70	1.77	1.82	1.87	1.92
60	4.63	4.28	3.63	2.82	2.52	2.32	2.16	2.00	1.87	1.73	1.63	1.57	1.55	1.64	1.72	1.79	1.85	1.92
70	1.95	1.93	1.91	1.87	1.79	1.71	1.64	1.56	1.53	1.52	1.51	1.52	1.53	1.60	1.67	1.74	1.83	1.92
80	1.56	1.57	1.58	1.59	1.58	1.56	1.53	1.49	1.46	1.46	1.47	1.47	1.47	1.51	1.60	1.70	1.80	1.92
90	1.18	1.20	1.22	1.24	1.24	1.22	1.21	1.19	1.18	1.20	1.22	1.24	1.27	1.35	1.49	1.63	1.77	1.92
100	0.46	0.48	0.52	0.55	0.58	0.59	0.61	0.64	0.67	0.76	0.84	0.91	1.00	1.18	1.40	1.59	1.76	1.92
110	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.39	0.47	0.58	0.71	0.99	1.30	1.56	1.76	1.92
120	0.50	0.47	0.43	0.38	0.37	0.36	0.35	0.34	0.33	0.33	0.35	0.39	0.51	0.87	1.23	1.54	1.76	1.92
130	1.25	1.15	1.01	0.89	0.76	0.65	0.57	0.48	0.39	0.35	0.33	0.34	0.52	0.83	1.18	1.52	1.77	1.92
140	3.54	3.27	2.85	2.38	1.89	1.45	1.08	0.78	0.57	0.42	0.34	0.42	0.60	0.86	1.18	1.53	1.79	1.92
150	6.06	5.80	5.40	4.79	3.96	3.01	2.10	1.38	0.89	0.58	0.55	0.60	0.73	0.93	1.23	1.56	1.81	1.92
160	7.12	6.95	6.72	6.32	5.64	4.64	3.40	2.23	1.59	1.19	0.96	0.83	0.89	1.04	1.31	1.61	1.83	1.92
170	7.36	7.32	7.18	6.86	6.50	6.09	5.17	3.85	2.68	1.92	1.43	1.12	1.07	1.17	1.40	1.68	1.86	1.92
180	7.29	7.62	7.79	7.89	7.95	7.83	6.83	5.14	3.59	2.54	1.85	1.40	1.26	1.32	1.52	1.76	1.90	1.92

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: