

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		1388.7 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	81.0V x 81.3H
	At 50% of Imax	47.6V x 47.7H
	At 90% of Imax	20.5V x 20.5H
Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	895.2 lumens per klm.
	To 50% of Imax	555.0 lumens per klm.
	To 90% of Imax	129.8 lumens per klm.
	Upward LOR	1.9 %
	Downward LOR	98.1 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

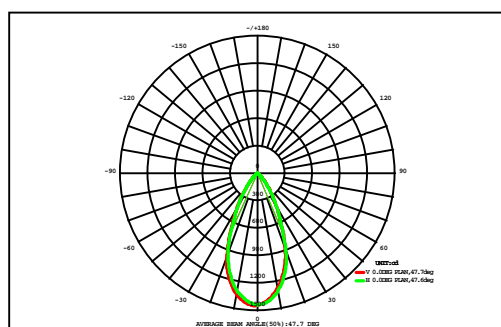
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H( $\theta$ ) Range:-90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-10

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:0.1905A P:19.04W PF:0.4530 Lamp Flux:1041.7x1 lm		
NAME: L0238-T55-20W-20-3000K-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:54.70lm/W	
MODEL	CREE XPG3 3000K	Imax(cd)	1447
NOMINAL POWER(W)	20	AVAILABILITY(%)	89.4
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	931.0
NOMINAL FLUX(lm)	1041.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1042
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	48,48DEG

90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 -90	AREA FLUX DIAGRAM																	UNIT:lm		F t	F a
	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.01	0.00	0.41	0.00	
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.66	0.00	
	0.00	0.01	0.02	0.04	0.06	0.08	0.09	0.10	0.11	0.11	0.10	0.08	0.07	0.05	0.04	0.02	0.01	0.00	1.02	0.00	
	0.00	0.01	0.03	0.06	0.08	0.14	0.27	0.43	0.54	0.53	0.40	0.24	0.12	0.07	0.05	0.03	0.02	0.00	3.03	0.00	
	0.00	0.02	0.04	0.07	0.18	0.53	1.14	1.83	2.34	2.30	1.75	1.08	0.48	0.15	0.06	0.04	0.02	0.01	12.0	0.00	
	0.00	0.02	0.04	0.11	0.49	1.48	3.35	5.86	7.72	7.58	5.60	3.07	1.34	0.43	0.10	0.05	0.02	0.01	37.3	26.7	
	0.00	0.02	0.05	0.20	0.99	3.19	8.04	14.1	18.6	18.2	13.1	7.25	2.84	0.86	0.18	0.05	0.02	0.01	87.6	81.3	
	0.00	0.02	0.06	0.32	1.56	5.56	13.8	25.7	33.5	32.7	23.8	12.4	4.86	1.39	0.29	0.06	0.03	0.01	156	151	
	0.00	0.02	0.06	0.40	2.01	7.35	18.6	33.6	41.5	40.3	31.2	16.6	6.45	1.76	0.36	0.07	0.03	0.01	200	196	
	0.00	0.02	0.06	0.41	2.06	7.46	18.8	33.6	41.3	40.3	31.4	16.9	6.56	1.78	0.37	0.07	0.03	0.01	201	197	
	0.00	0.02	0.06	0.34	1.66	5.85	14.4	26.4	33.9	33.2	24.9	13.1	5.20	1.45	0.32	0.07	0.03	0.01	161	156	
	0.00	0.02	0.06	0.24	1.08	3.54	8.66	15.2	20.3	19.8	14.3	7.95	3.14	0.98	0.22	0.06	0.03	0.01	95.5	89.5	
	0.00	0.02	0.05	0.14	0.57	1.67	3.91	6.85	8.81	8.67	6.47	3.57	1.53	0.53	0.13	0.06	0.02	0.01	43.0	33.7	
	0.00	0.02	0.05	0.09	0.23	0.66	1.39	2.23	2.84	2.80	2.17	1.31	0.62	0.22	0.09	0.05	0.02	0.01	14.8	0.79	
	0.00	0.02	0.04	0.07	0.11	0.20	0.38	0.61	0.75	0.74	0.59	0.38	0.20	0.11	0.07	0.04	0.02	0.01	4.36	0.00	
	0.00	0.01	0.03	0.06	0.09	0.11	0.14	0.17	0.18	0.18	0.17	0.14	0.11	0.09	0.06	0.03	0.02	0.01	1.61	0.00	
	0.00	0.01	0.03	0.04	0.06	0.08	0.09	0.10	0.11	0.11	0.10	0.09	0.08	0.06	0.04	0.03	0.02	0.01	1.08	0.00	
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.06	0.06	0.05	0.04	0.03	0.03	0.02	0.01	0.72	0.00	
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL( DEG ) 20 30 40 50 60 70 80 90																					
F t	0.06	0.30	0.75	2.68	11.3	38.0	93.1	167	213	208	156	84.3	33.7	10.0	2.47	0.78	0.36	0.10	1021	---	
F a	0.00	0.00	0.00	0.00	0.60	28.7	85.8	160	206	201	149	76.6	23.6	0.00	0.00	0.00	0.00	0.00	---	931	

one-half-peak spread: U:24.6,D:23.3 , L:22.7,R:25.3

NEMA Beam Type: Type 5

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

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:0.1905A P:19.04W PF:0.4530 Lamp Flux:1041.7x1 lm		
NAME: L0238-T55-20W-20-3000K-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):

967.57 lm

%lum = 92.9%

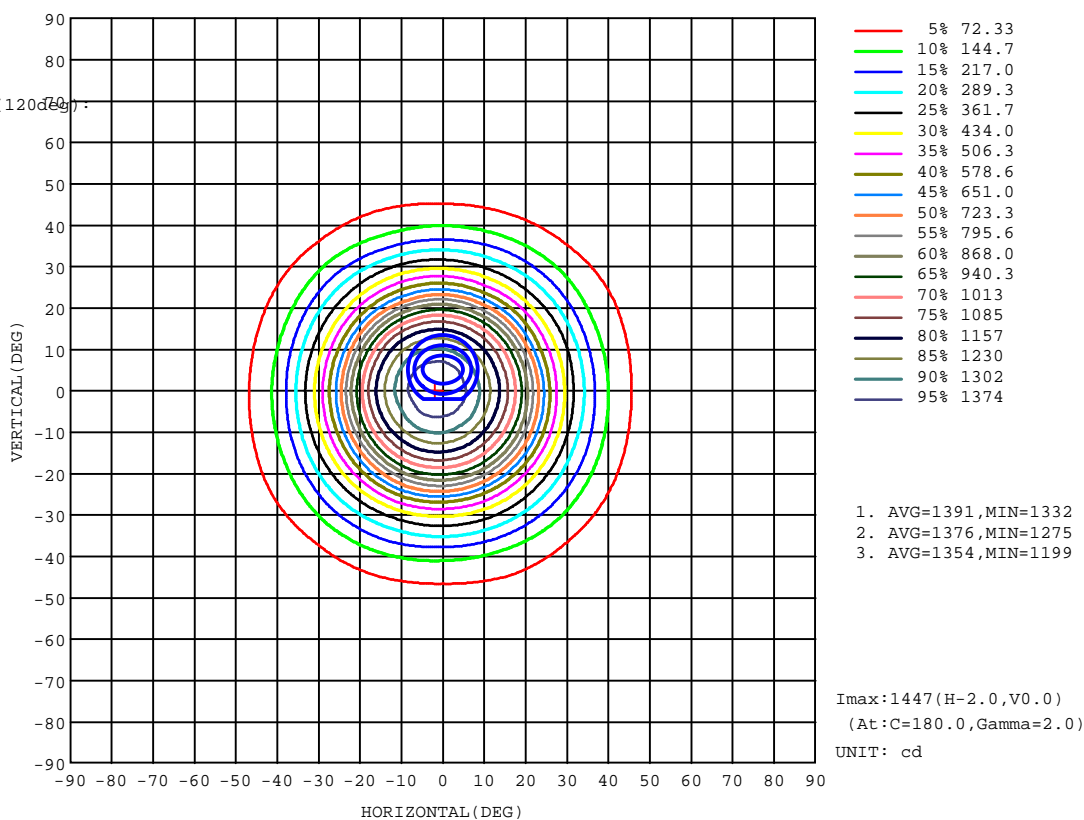
%lamp = 92.9%

Conical surface Flux(120deg):

1011.8 lm

%lum = 97.1%

%lamp = 97.1%



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

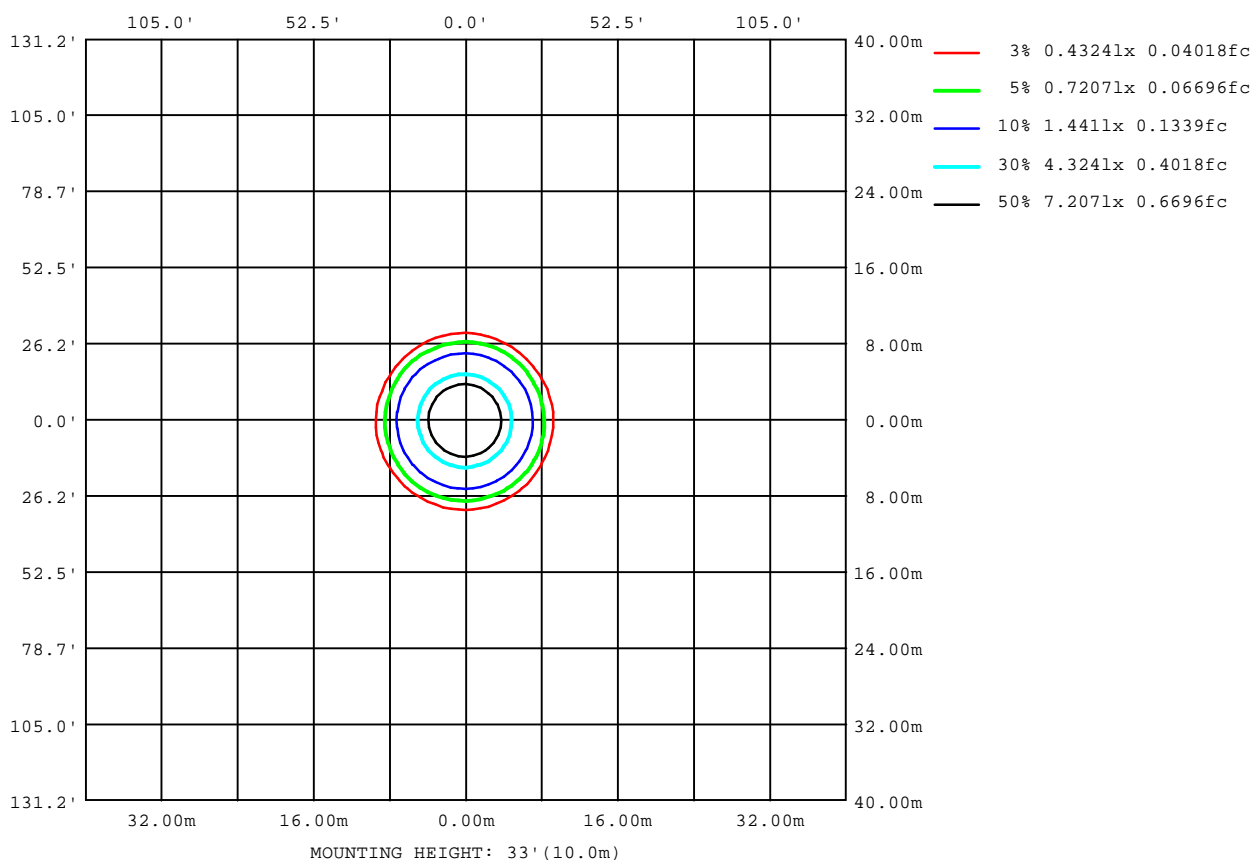
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

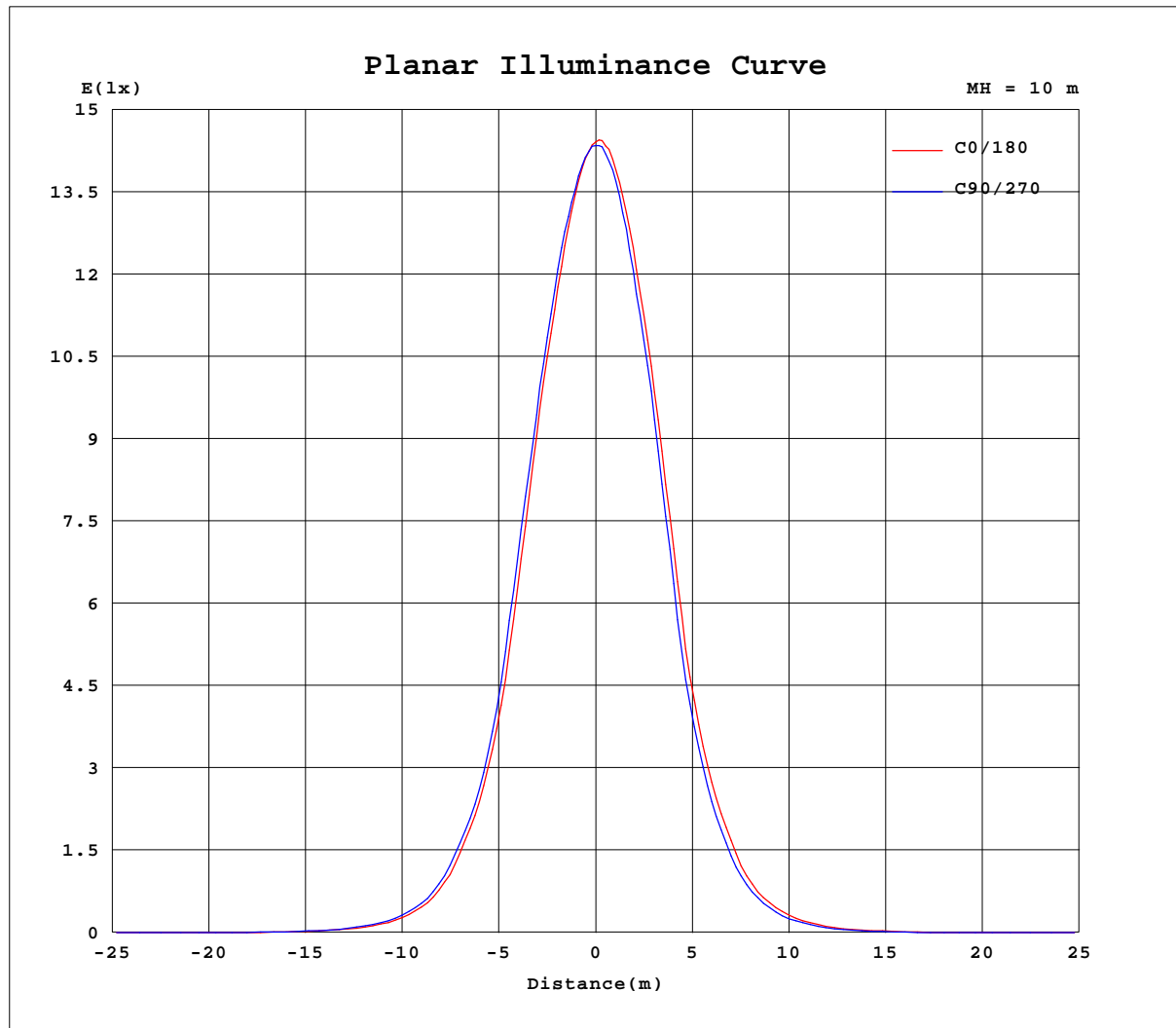
Test:U:220.7V I:0.1905A P:19.04W PF:0.4530 Lamp Flux:1041.7x1 lm		
NAME: L0238-T55-20W-20-3000K-SL45D-XPG3	TYPE:PROJECTOR	WEIGHT:
SPEC.:/	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:45



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

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

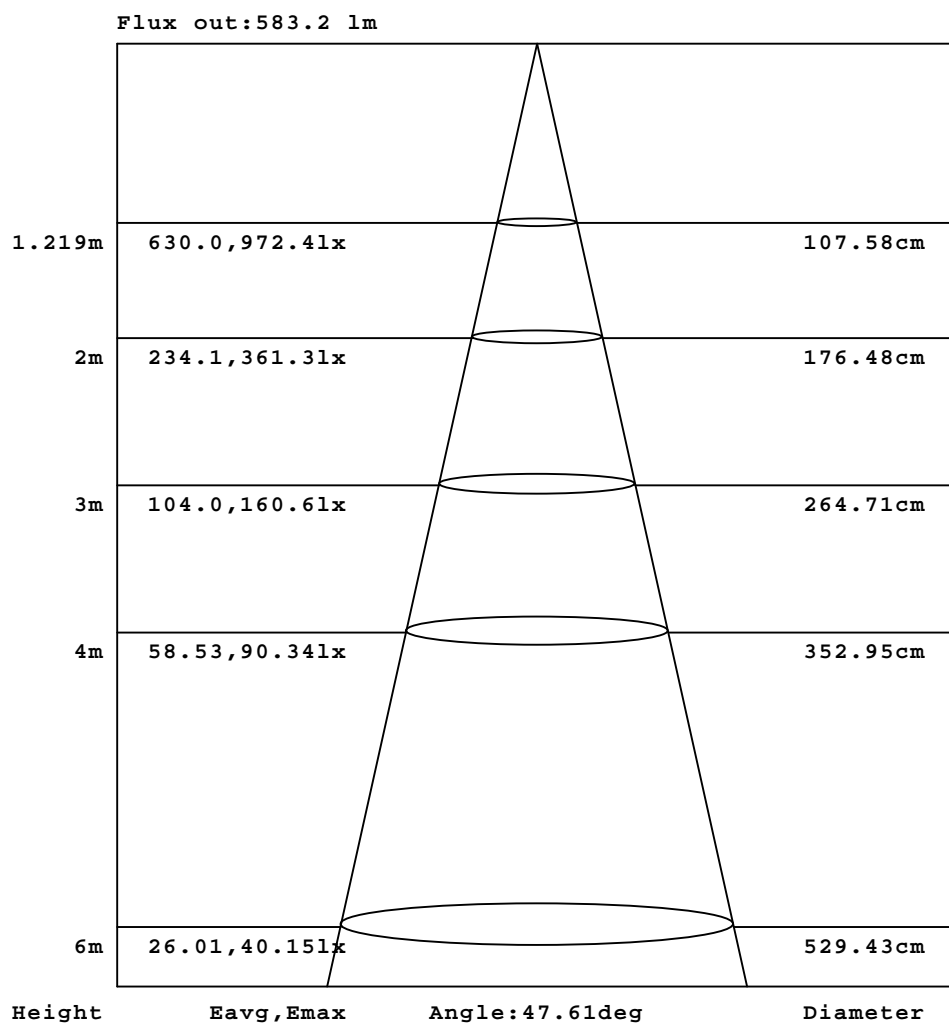


H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-05-10

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:0.1905A P:19.04W PF:0.4530 Lamp Flux:1041.7x1 lm		
NAME: L0238-T55-20W-20-3000K-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(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:0.1905A P:19.04W PF:0.4530 Lamp Flux:1041.7x1 lm		
NAME: L0238-T55-20W-20-3000K-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	1.00	0.98	0.98	0.98	1.03	1.18	1.49	1.98	2.64	3.42	4.28	5.19	6.06	6.85	7.53	8.05	8.44	8.75	8.82
-170	1.00	1.02	1.06	1.11	1.20	1.40	1.74	2.26	2.92	3.69	4.53	5.38	6.19	6.93	7.48	7.88	8.15	8.41	8.48
-160	1.00	1.06	1.14	1.22	1.35	1.58	1.92	2.40	3.02	3.72	4.47	5.11	5.72	6.28	6.76	7.18	7.52	7.69	7.75
-150	1.00	1.09	1.20	1.33	1.49	1.72	2.03	2.45	2.96	3.39	3.85	4.33	4.82	5.28	5.73	6.11	6.38	6.53	6.58
-140	1.00	1.12	1.26	1.42	1.59	1.81	2.11	2.37	2.57	2.84	3.14	3.48	3.83	4.18	4.51	4.78	4.96	5.08	5.13
-130	1.00	1.14	1.32	1.50	1.68	1.90	2.08	2.17	2.26	2.39	2.53	2.72	2.93	3.15	3.36	3.51	3.62	3.68	3.70
-120	1.00	1.17	1.35	1.55	1.76	1.96	2.00	2.02	2.04	2.09	2.14	2.23	2.32	2.42	2.51	2.55	2.58	2.61	2.61
-110	1.00	1.19	1.37	1.58	1.80	1.96	1.96	1.95	1.94	1.94	1.96	2.00	2.04	2.07	2.10	2.10	2.09	2.08	2.06
-100	1.00	1.19	1.40	1.60	1.80	1.92	1.93	1.92	1.92	1.91	1.93	1.94	1.95	1.97	1.97	1.96	1.94	1.93	1.92
-90	1.00	1.20	1.40	1.59	1.79	1.89	1.89	1.89	1.89	1.89	1.90	1.90	1.91	1.91	1.92	1.92	1.92	1.92	1.92
-80	1.00	1.22	1.42	1.62	1.83	1.98	2.06	2.14	2.23	2.33	2.40	2.46	2.51	2.55	2.61	2.67	2.73	2.77	2.80
-70	1.00	1.23	1.46	1.74	2.07	2.38	2.61	2.85	3.10	3.35	3.59	3.79	3.98	4.15	4.30	4.43	4.53	4.61	4.66
-60	1.00	1.24	1.54	1.94	2.40	2.90	3.31	3.74	4.16	4.54	4.88	5.15	5.61	6.48	7.65	8.64	9.27	9.50	9.40
-50	1.00	1.25	1.64	2.15	2.76	3.40	4.05	4.57	5.04	6.24	9.24	13.2	19.2	26.9	34.4	39.6	44.0	47.1	48.1
-40	1.00	1.25	1.73	2.36	3.07	3.86	4.58	5.36	8.91	15.9	26.9	44.0	59.6	79.0	103	131	153	166	168
-30	1.00	1.26	1.80	2.52	3.33	4.15	4.94	8.84	19.5	34.6	59.7	95.0	148	220	288	350	404	441	449
-20	1.00	1.27	1.84	2.62	3.48	4.30	6.79	15.0	31.1	60.3	107	180	290	411	548	711	851	936	958
-10	1.00	1.26	1.84	2.63	3.52	4.31	7.97	21.3	41.5	83.7	150	268	416	603	854	1072	1211	1291	1307
0	1.00	1.23	1.80	2.58	3.45	4.21	7.96	23.0	46.7	91.1	167	306	471	694	985	1199	1344	1426	1441
10	1.00	1.23	1.78	2.54	3.38	4.13	7.56	19.9	41.0	79.1	144	260	405	588	834	1068	1214	1291	1302
20	1.00	1.21	1.72	2.43	3.21	3.94	5.78	13.1	30.1	55.1	98.3	167	274	387	520	661	798	887	914
30	1.00	1.18	1.63	2.26	2.95	3.65	4.25	7.61	15.0	32.8	54.0	82.6	129	192	260	324	376	407	413
40	1.00	1.15	1.51	2.02	2.61	3.22	3.78	4.27	7.02	12.2	22.0	37.2	53.2	68.3	90.1	109	124	137	142
50	1.00	1.13	1.38	1.76	2.22	2.70	3.17	3.59	3.91	4.40	6.70	9.65	14.2	20.3	26.2	30.3	33.1	35.9	37.1
60	1.00	1.10	1.25	1.50	1.80	2.14	2.46	2.77	3.06	3.31	3.50	3.66	3.79	3.93	4.34	5.21	5.87	6.24	6.31
70	1.00	1.07	1.15	1.27	1.43	1.60	1.76	1.93	2.10	2.25	2.41	2.55	2.68	2.78	2.83	2.85	2.84	2.82	2.77
80	1.00	1.05	1.08	1.13	1.17	1.21	1.24	1.28	1.32	1.34	1.40	1.46	1.51	1.56	1.59	1.59	1.59	1.57	1.55
90	1.00	1.02	1.03	1.05	1.06	1.06	1.04	1.02	1.00	0.98	1.00	1.02	1.04	1.05	1.05	1.04	1.02	1.00	0.98
100	1.00	1.01	1.03	1.04	1.05	1.05	1.04	1.02	1.00	0.99	0.99	1.00	1.00	1.00	1.00	1.00	0.99	0.98	0.98
110	1.00	1.01	1.02	1.03	1.03	1.04	1.02	1.00	0.99	0.99	0.98	0.99	0.99	0.99	0.99	1.00	1.02	1.04	1.05
120	1.00	1.01	1.01	1.02	1.02	1.01	0.99	0.99	1.01	1.05	1.10	1.15	1.21	1.28	1.35	1.42	1.49	1.55	1.59
130	1.00	1.00	1.00	1.01	0.99	0.99	0.99	1.02	1.13	1.29	1.49	1.70	1.91	2.11	2.31	2.48	2.64	2.75	2.81
140	1.00	1.00	1.00	1.00	0.99	0.99	1.03	1.19	1.43	1.75	2.13	2.54	2.95	3.34	3.69	3.99	4.23	4.41	4.50
150	1.00	0.99	1.00	0.99	0.99	1.03	1.17	1.44	1.81	2.31	2.88	3.50	4.11	4.69	5.18	5.58	5.90	6.13	6.23
160	1.00	0.99	0.99	0.99	1.00	1.09	1.32	1.70	2.23	2.86	3.58	4.35	5.11	5.83	6.46	6.95	7.28	7.51	7.62
170	1.00	0.99	0.99	0.99	1.02	1.15	1.44	1.90	2.52	3.27	4.10	4.95	5.79	6.56	7.22	7.76	8.17	8.36	8.48
180	1.00	0.98	0.98	0.98	1.03	1.18	1.49	1.98	2.64	3.42	4.28	5.19	6.06	6.85	7.53	8.05	8.44	8.75	8.83

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:0.1905A P:19.04W PF:0.4530 Lamp Flux:1041.7x1 lm																	
NAME: L0238-T55-20W-20-3000K-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	8.74	8.55	8.28	7.88	7.38	6.81	6.09	5.35	4.59	3.90	3.25	2.73	2.37	2.13	2.01	1.94	1.94	1.95
-170	8.51	8.29	8.05	7.70	7.21	6.61	5.93	5.21	4.49	3.81	3.20	2.70	2.36	2.13	2.01	1.94	1.94	1.95
-160	7.75	7.62	7.34	6.96	6.53	6.00	5.41	4.77	4.14	3.55	3.01	2.59	2.31	2.10	1.99	1.95	1.94	1.95
-150	6.59	6.48	6.25	5.92	5.51	5.06	4.58	4.09	3.62	3.16	2.75	2.45	2.23	2.07	1.99	1.95	1.94	1.95
-140	5.13	5.05	4.91	4.66	4.36	4.02	3.67	3.33	2.99	2.71	2.49	2.30	2.14	2.05	1.98	1.96	1.94	1.95
-130	3.71	3.67	3.59	3.46	3.27	3.06	2.83	2.64	2.48	2.35	2.24	2.15	2.07	2.01	1.97	1.96	1.94	1.95
-120	2.62	2.62	2.59	2.56	2.48	2.39	2.30	2.21	2.14	2.10	2.06	2.04	2.02	1.99	1.97	1.96	1.94	1.95
-110	2.08	2.10	2.11	2.11	2.10	2.06	2.02	1.98	1.96	1.96	1.97	1.99	2.00	1.98	1.97	1.95	1.94	1.95
-100	1.94	1.95	1.96	1.97	1.97	1.96	1.95	1.93	1.92	1.94	1.95	1.97	1.97	1.97	1.95	1.95	1.94	1.95
-90	1.93	1.93	1.93	1.94	1.94	1.93	1.93	1.93	1.92	1.93	1.93	1.93	1.94	1.94	1.94	1.94	1.94	1.95
-80	2.78	2.75	2.70	2.65	2.60	2.55	2.49	2.44	2.38	2.28	2.18	2.10	2.02	1.97	1.96	1.96	1.96	1.95
-70	4.62	4.56	4.47	4.36	4.23	4.06	3.87	3.66	3.43	3.17	2.91	2.66	2.43	2.25	2.10	2.01	1.97	1.95
-60	9.34	9.03	8.49	7.78	6.64	5.61	5.22	4.95	4.61	4.23	3.81	3.38	2.97	2.61	2.33	2.11	1.99	1.95
-50	46.2	41.8	36.2	30.9	25.3	18.8	12.8	8.99	6.12	5.08	4.60	4.10	3.56	3.04	2.58	2.23	2.02	1.95
-40	160	143	122	99.0	75.7	55.6	40.7	25.1	14.5	8.60	5.32	4.66	4.08	3.43	2.83	2.35	2.05	1.95
-30	434	394	338	271	198	133	83.4	54.0	33.6	16.8	8.70	5.11	4.45	3.77	3.06	2.46	2.08	1.95
-20	916	815	668	505	374	262	162	90.3	53.5	29.8	13.3	6.45	4.71	4.01	3.23	2.55	2.11	1.95
-10	1260	1154	1004	786	551	371	238	132	70.9	38.4	18.5	7.74	4.83	4.14	3.33	2.60	2.12	1.95
0	1386	1272	1115	893	620	413	266	145	78.2	41.0	20.6	7.87	4.85	4.16	3.36	2.62	2.13	1.95
10	1257	1152	991	754	526	364	226	125	70.4	35.6	17.8	7.17	4.57	3.95	3.21	2.53	2.09	1.95
20	864	756	614	477	353	241	143	90.6	47.4	26.2	11.4	5.45	4.21	3.66	3.00	2.41	2.04	1.95
30	395	352	301	240	173	116	76.9	47.4	27.6	14.4	6.65	4.14	3.77	3.27	2.73	2.27	1.99	1.95
40	136	121	101	82.6	63.3	49.2	32.4	20.2	10.8	6.04	3.84	3.57	3.25	2.84	2.43	2.11	1.93	1.95
50	36.3	33.8	30.3	24.1	17.8	12.5	8.62	5.68	3.82	3.53	3.27	2.95	2.65	2.37	2.11	1.94	1.88	1.95
60	6.05	5.51	4.73	4.04	3.57	3.42	3.29	3.13	2.99	2.80	2.57	2.30	2.04	1.92	1.83	1.79	1.84	1.95
70	2.76	2.74	2.70	2.65	2.57	2.48	2.36	2.22	2.08	1.96	1.82	1.68	1.55	1.53	1.59	1.67	1.80	1.95
80	1.56	1.57	1.56	1.56	1.52	1.48	1.42	1.36	1.29	1.27	1.25	1.22	1.19	1.27	1.43	1.60	1.77	1.95
90	1.00	1.02	1.04	1.06	1.06	1.04	1.02	1.00	0.98	1.00	1.01	1.03	1.05	1.16	1.36	1.55	1.75	1.95
100	0.98	0.99	1.00	1.00	1.00	0.99	0.99	0.98	0.97	0.98	0.99	1.01	1.02	1.15	1.35	1.55	1.74	1.95
110	1.04	1.02	0.99	0.98	0.98	0.99	0.98	0.97	0.97	0.97	0.97	0.98	1.00	1.16	1.36	1.56	1.75	1.95
120	1.56	1.51	1.44	1.36	1.31	1.24	1.18	1.12	1.06	0.99	0.97	0.96	0.99	1.20	1.40	1.59	1.77	1.95
130	2.77	2.68	2.54	2.38	2.19	1.98	1.77	1.55	1.34	1.16	1.04	0.96	1.09	1.28	1.45	1.62	1.78	1.95
140	4.44	4.28	4.05	3.78	3.45	3.08	2.67	2.25	1.84	1.50	1.22	1.16	1.25	1.40	1.53	1.67	1.81	1.95
150	6.14	5.94	5.66	5.28	4.83	4.27	3.67	3.04	2.45	1.93	1.68	1.53	1.50	1.54	1.63	1.73	1.84	1.95
160	7.51	7.29	6.98	6.54	5.95	5.26	4.52	3.79	3.20	2.69	2.27	1.96	1.80	1.73	1.74	1.79	1.87	1.95
170	8.32	8.11	7.73	7.24	6.68	6.09	5.42	4.72	4.02	3.38	2.82	2.38	2.10	1.93	1.88	1.86	1.90	1.95
180	8.74	8.55	8.28	7.88	7.38	6.81	6.09	5.35	4.59	3.90	3.25	2.73	2.37	2.13	2.01	1.94	1.94	1.95

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: