

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		6336.1 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	37.3V x 37.6H
	At 50% of Imax	20.4V x 20.8H
	At 90% of Imax	6.9V x 7.9H
Beam Flux	Total	1001.0 lumens per klm.
	To 10% of Imax	823.8 lumens per klm.
	To 50% of Imax	457.2 lumens per klm.
	To 90% of Imax	68.8 lumens per klm.
	Upward LOR	2.1 %
	Downward LOR	98.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

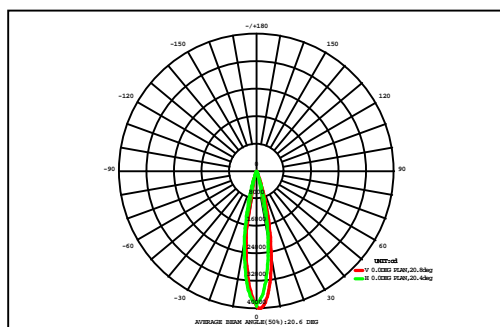
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H( $\theta$ ) Range:-90 - 90DEG  
H( $\theta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-07-30

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:220.6V I:0.5531A P:118.1W PF:0.9679 Lamp Flux:6292.61x1 lm		
NAME: L0228-120W-48-WT-HQ40D+5D-XPE2-ALL	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:



DATA OF LAMP		Eff:53.28lm/W	
CMEDEXPE2 WT(2200K-6500K)	Imax(cd)	39871	
NOMINAL POWER(W)	120	AVAILABILITY(%)	82.4
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	5186
NOMINAL FLUX(lm)	6292.61	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	6293
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	21,20DEG

VERTICAL(°)	AREA FLUX DIAGRAM															UNIT:lm				F t	F a
	0.03	0.09	0.15	0.21	0.27	0.31	0.35	0.38	0.39	0.39	0.38	0.36	0.32	0.28	0.23	0.17	0.11	0.04	4.46	0.00	
90	0.03	0.09	0.15	0.21	0.27	0.31	0.35	0.38	0.39	0.39	0.38	0.36	0.32	0.28	0.23	0.17	0.11	0.04	4.46	0.00	
80	0.03	0.10	0.17	0.24	0.29	0.33	0.37	0.39	0.41	0.41	0.40	0.37	0.33	0.29	0.23	0.17	0.11	0.04	4.68	0.00	
70	0.03	0.11	0.17	0.23	0.29	0.37	0.47	0.57	0.65	0.67	0.62	0.52	0.41	0.31	0.23	0.17	0.12	0.04	5.98	0.00	
60	0.03	0.11	0.17	0.25	0.39	0.64	1.00	1.37	1.63	1.69	1.51	1.18	0.80	0.48	0.27	0.18	0.12	0.04	11.8	0.00	
50	0.03	0.11	0.18	0.31	0.66	1.29	2.10	2.86	3.38	3.47	3.11	2.41	1.60	0.86	0.39	0.20	0.12	0.04	23.1	0.00	
40	0.03	0.11	0.19	0.44	1.10	2.19	3.56	5.12	6.54	6.82	5.68	4.06	2.61	1.41	0.59	0.24	0.12	0.04	40.9	0.00	
30	0.03	0.11	0.22	0.61	1.59	3.16	5.80	11.7	24.4	28.6	15.8	7.21	3.76	1.98	0.84	0.30	0.13	0.04	106	0.00	
-30	0.04	0.11	0.24	0.77	2.00	4.17	10.4	57.2	216	262	99.9	16.8	5.22	2.49	1.07	0.35	0.13	0.04	679	505	
	0.04	0.11	0.26	0.86	2.23	4.97	18.7	185	718	852	316	37.3	6.63	2.84	1.22	0.39	0.14	0.04	2147	2036	
	0.04	0.11	0.26	0.87	2.25	5.00	19.1	188	726	877	324	37.8	6.71	2.88	1.24	0.40	0.14	0.04	2193	2081	
	0.04	0.11	0.26	0.80	2.04	4.24	10.8	61.2	234	283	104	17.1	5.42	2.59	1.12	0.37	0.14	0.04	727	563	
	0.04	0.11	0.24	0.67	1.67	3.23	5.98	12.6	27.4	31.5	16.5	7.44	3.95	2.11	0.92	0.33	0.14	0.04	115	0.00	
	0.04	0.12	0.22	0.52	1.20	2.29	3.67	5.34	6.86	7.16	5.95	4.24	2.74	1.53	0.68	0.28	0.13	0.04	43.0	0.00	
	0.04	0.12	0.21	0.38	0.76	1.41	2.23	3.01	3.53	3.63	3.26	2.55	1.72	0.97	0.47	0.24	0.13	0.04	24.7	0.00	
	0.04	0.12	0.21	0.31	0.47	0.76	1.15	1.54	1.79	1.85	1.67	1.32	0.91	0.57	0.34	0.22	0.13	0.05	13.4	0.00	
	0.04	0.12	0.21	0.28	0.36	0.46	0.58	0.70	0.79	0.81	0.75	0.64	0.51	0.39	0.29	0.21	0.13	0.05	7.30	0.00	
	0.03	0.12	0.21	0.28	0.35	0.40	0.45	0.48	0.50	0.50	0.49	0.45	0.41	0.35	0.29	0.21	0.13	0.05	5.70	0.00	
-90	0.03	0.11	0.21	0.28	0.35	0.41	0.45	0.48	0.49	0.50	0.48	0.45	0.41	0.36	0.29	0.22	0.13	0.05	5.71	0.00	
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(°) 20 30 40 50 60 70 80 90																					
F t	0.62	1.97	3.78	8.32	18.3	35.6	87.2	539	1973	2362	901	142	44.4	22.7	10.7	4.64	2.31	0.79	6158	---	
F a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	354	1847	2238	747	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	5186	

one-half-peak spread: U:10.5,D:10.1 , L:10.0,R:11.0

NEMA Beam Type: Type 3

H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-07-30

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:220.6V I:0.5531A P:118.1W PF:0.9679 Lamp Flux:6292.61x1 lm		
NAME: L0228-120W-48-WT-HQ40D+5D-XPE2-ALL	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:

Conical surface Flux(90deg):

6015 lm

%lum = 95.5%

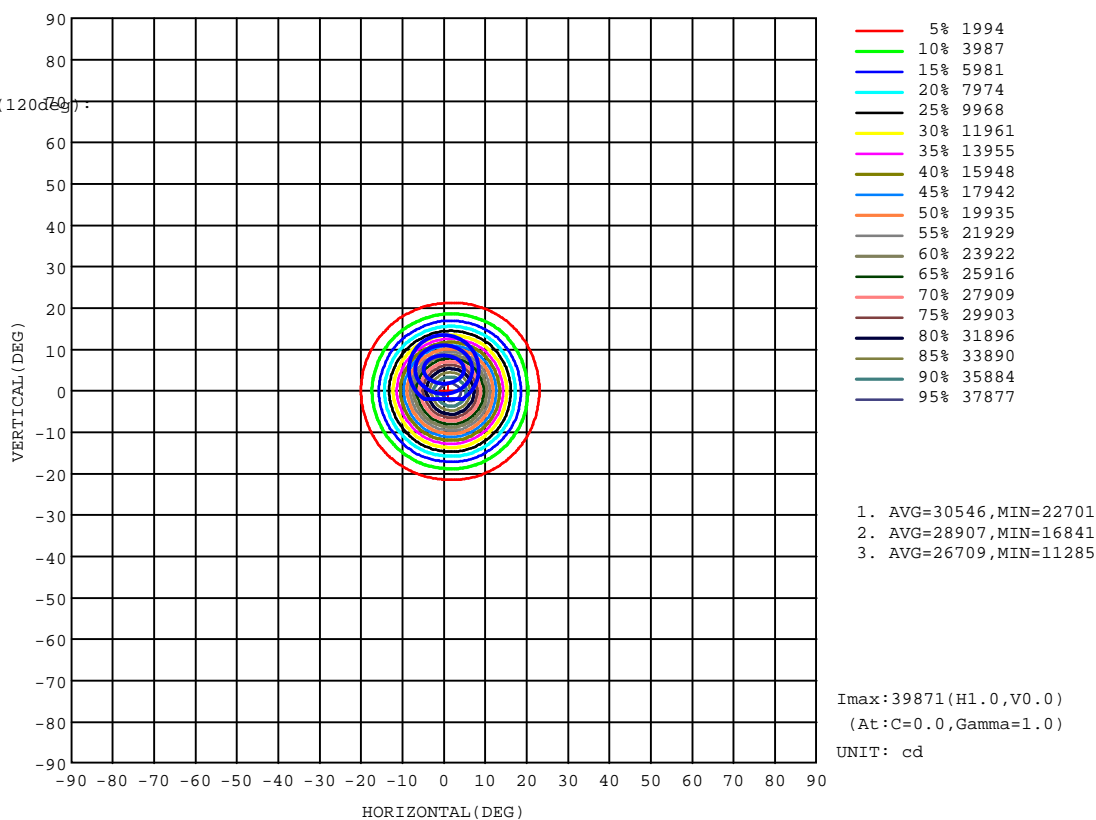
%lamp = 95.6%

Conical surface Flux(120deg):

6107.9 lm

%lum = 97.0%

%lamp = 97.1%



H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-30

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

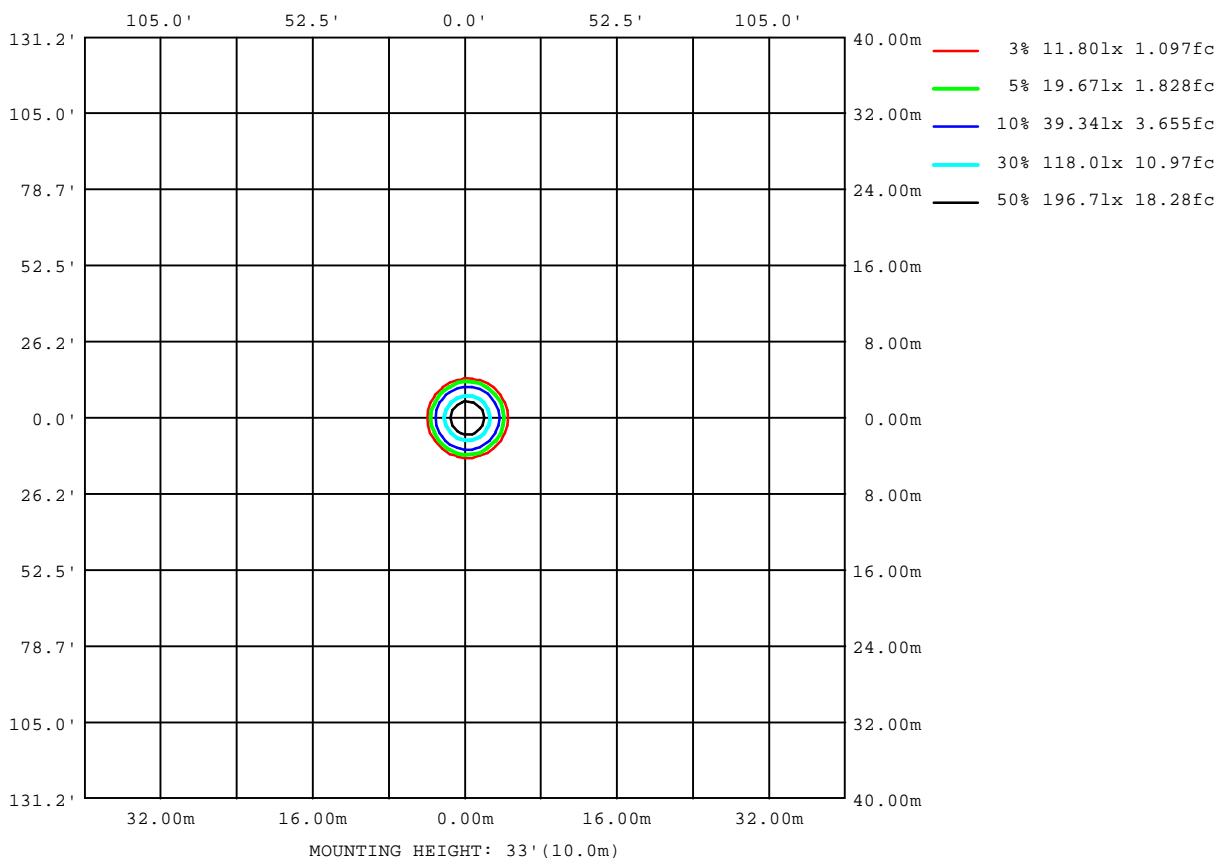
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

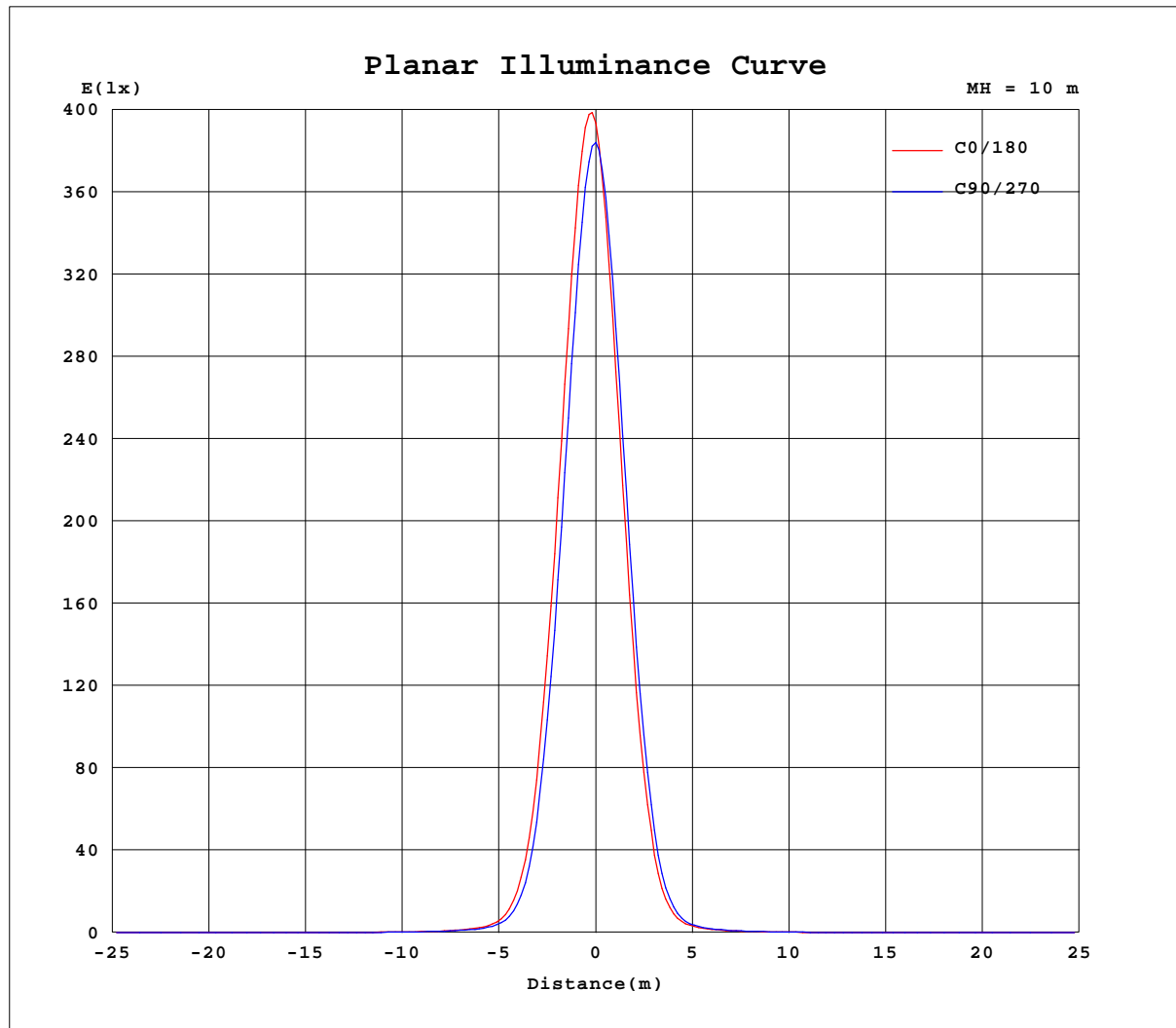
Test:U:220.6V I:0.5531A P:118.1W PF:0.9679 Lamp Flux:6292.61x1 lm		
NAME: L0228-120W-48-WT-HQ40D+5D-XPE2-ALL	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:



H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-07-30

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

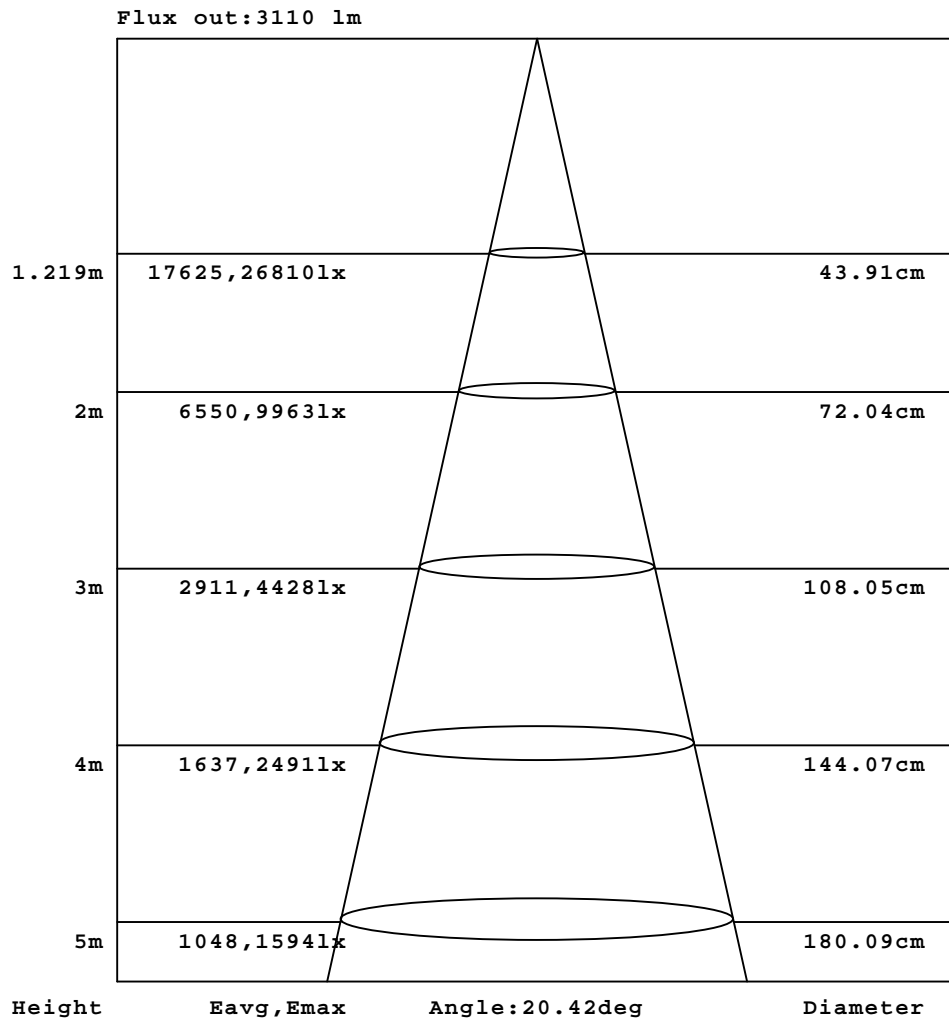


H(b) Range:-90 - 90DEG  
H(b) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-07-30

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:220.6V I:0.5531A P:118.1W PF:0.9679 Lamp Flux:6292.61x1 lm		
NAME: L0228-120W-48-WT-HQ40D+5D-XPE2-ALL	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:



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: 2018-07-30

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:220.6V I:0.5531A P:118.1W PF:0.9679 Lamp Flux:6292.61x1 lm		
NAME: L0228-120W-48-WT-HQ40D+5D-XPE2-ALL	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:

Table--1

UNIT: ×10cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	1.07	0.77	0.46	0.28	0.24	0.27	0.36	0.60	1.17	2.12	3.34	4.52	5.39	5.92	6.18	6.19	5.97	5.68	5.49
-170	1.07	0.80	0.54	0.39	0.35	0.39	0.53	0.84	1.46	2.46	3.73	4.98	5.87	6.33	6.41	6.31	6.13	5.96	5.93
-160	1.07	0.84	0.63	0.50	0.46	0.51	0.65	0.95	1.51	2.41	3.58	4.64	5.51	6.05	6.30	6.37	6.39	6.38	6.39
-150	1.07	0.89	0.73	0.63	0.59	0.62	0.73	0.98	1.40	1.89	2.54	3.32	4.13	4.85	5.38	5.74	5.94	6.03	6.05
-140	1.07	0.94	0.83	0.77	0.75	0.76	0.82	0.92	1.06	1.28	1.60	2.01	2.47	2.94	3.37	3.72	3.98	4.13	4.14
-130	1.07	1.00	0.95	0.93	0.93	0.95	0.94	0.89	0.89	0.94	1.04	1.17	1.33	1.50	1.66	1.81	1.92	1.97	1.97
-120	1.07	1.05	1.06	1.09	1.14	1.20	1.11	1.02	0.95	0.90	0.88	0.88	0.89	0.91	0.94	0.96	0.98	0.99	0.99
-110	1.07	1.10	1.16	1.23	1.33	1.40	1.34	1.27	1.21	1.15	1.10	1.05	1.02	0.99	0.97	0.95	0.95	0.95	0.95
-100	1.07	1.15	1.24	1.35	1.47	1.54	1.52	1.50	1.49	1.47	1.45	1.43	1.42	1.41	1.40	1.40	1.40	1.40	1.41
-90	1.07	1.19	1.31	1.42	1.54	1.60	1.60	1.60	1.60	1.61	1.60	1.60	1.60	1.60	1.60	1.61	1.61	1.61	1.61
-80	1.07	1.22	1.35	1.48	1.59	1.64	1.64	1.64	1.63	1.63	1.63	1.62	1.62	1.62	1.61	1.61	1.61	1.61	1.60
-70	1.07	1.25	1.41	1.52	1.59	1.64	1.62	1.61	1.61	1.60	1.61	1.63	1.65	1.68	1.73	1.77	1.81	1.83	1.85
-60	1.07	1.28	1.44	1.52	1.57	1.61	1.61	1.63	1.70	1.81	1.98	2.22	2.49	2.79	3.10	3.39	3.63	3.80	3.89
-50	1.07	1.31	1.45	1.50	1.54	1.58	1.69	1.88	2.20	2.68	3.32	4.10	4.98	5.88	6.73	7.48	8.07	8.49	8.70
-40	1.07	1.32	1.44	1.48	1.50	1.62	1.92	2.46	3.27	4.39	5.78	7.30	8.88	10.5	12.0	13.4	14.6	15.5	16.0
-30	1.07	1.33	1.43	1.44	1.48	1.72	2.27	3.27	4.75	6.60	8.69	10.9	13.5	16.5	20.2	24.7	29.7	34.2	36.7
-20	1.07	1.33	1.41	1.41	1.48	1.84	2.66	4.09	6.14	8.59	11.3	14.7	19.5	27.0	40.5	71.8	139	233	295
-10	1.07	1.32	1.39	1.37	1.46	1.92	2.94	4.68	7.09	9.94	13.3	18.2	26.6	46.2	114	353	882	1603	2066
0	1.07	1.31	1.37	1.34	1.42	1.89	2.97	4.80	7.35	10.4	14.1	19.7	30.2	60.4	198	690	1720	3030	3934
10	1.07	1.31	1.37	1.34	1.41	1.83	2.82	4.54	6.95	9.83	13.2	18.0	26.2	44.1	108	338	855	1519	1976
20	1.07	1.30	1.37	1.34	1.37	1.68	2.44	3.82	5.84	8.32	11.1	14.4	19.1	26.2	38.6	65.7	121	206	264
30	1.07	1.29	1.37	1.35	1.34	1.50	1.97	2.88	4.29	6.17	8.34	10.6	13.1	16.0	19.5	23.7	28.1	32.3	34.7
40	1.07	1.27	1.36	1.36	1.33	1.37	1.58	2.03	2.81	3.91	5.29	6.86	8.48	10.0	11.5	12.8	14.0	14.9	15.4
50	1.07	1.24	1.34	1.37	1.35	1.33	1.37	1.51	1.79	2.24	2.85	3.58	4.44	5.32	6.17	6.93	7.56	8.00	8.23
60	1.07	1.20	1.31	1.36	1.36	1.35	1.33	1.33	1.36	1.44	1.59	1.79	2.04	2.30	2.58	2.85	3.09	3.27	3.37
70	1.07	1.15	1.25	1.31	1.35	1.36	1.36	1.35	1.34	1.32	1.31	1.32	1.33	1.35	1.38	1.41	1.44	1.46	1.48
80	1.07	1.11	1.15	1.20	1.25	1.28	1.31	1.33	1.34	1.34	1.35	1.35	1.35	1.35	1.35	1.35	1.34	1.34	1.34
90	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.08	1.08	1.08	1.09	1.09	1.10	1.10	1.10	1.11
100	1.07	1.02	0.97	0.92	0.87	0.81	0.76	0.72	0.68	0.64	0.60	0.58	0.56	0.54	0.53	0.52	0.51	0.51	0.52
110	1.07	0.98	0.87	0.76	0.65	0.55	0.47	0.40	0.35	0.31	0.28	0.26	0.25	0.25	0.24	0.24	0.24	0.23	0.23
120	1.07	0.93	0.76	0.60	0.47	0.37	0.30	0.26	0.24	0.24	0.24	0.25	0.26	0.27	0.29	0.30	0.31	0.32	0.32
130	1.07	0.88	0.67	0.48	0.35	0.27	0.24	0.24	0.25	0.29	0.33	0.40	0.49	0.60	0.72	0.83	0.91	0.95	0.95
140	1.07	0.84	0.59	0.40	0.28	0.24	0.24	0.27	0.34	0.45	0.65	0.95	1.34	1.77	2.19	2.56	2.81	2.94	2.94
150	1.07	0.81	0.53	0.34	0.25	0.24	0.27	0.35	0.52	0.85	1.39	2.10	2.90	3.65	4.26	4.70	4.97	5.10	5.11
160	1.07	0.78	0.49	0.31	0.24	0.25	0.31	0.46	0.79	1.42	2.34	3.39	4.35	5.08	5.57	5.84	5.97	6.03	6.03
170	1.07	0.77	0.47	0.29	0.24	0.26	0.34	0.56	1.06	1.92	3.07	4.24	5.15	5.73	6.04	6.16	6.12	5.96	5.92
180	1.07	0.77	0.46	0.28	0.24	0.27	0.36	0.60	1.17	2.12	3.34	4.52	5.39	5.92	6.18	6.19	5.97	5.68	5.50

H(b) Range:-90 - 90DEG

H(b) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-30

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:220.6V I:0.5531A P:118.1W PF:0.9679 Lamp Flux:6292.61x1 lm		
NAME: L0228-120W-48-WT-HQ40D+5D-XPE2-ALL	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:

Table--2

UNIT: ×10cd

H(°) \ V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	5.82	6.19	6.49	6.63	6.59	6.20	5.27	4.01	2.78	1.87	1.29	1.00	0.94	1.05	1.28	1.50	1.64	1.70
-170	6.10	6.31	6.50	6.56	6.43	5.92	4.94	3.71	2.58	1.75	1.24	0.98	0.93	1.06	1.29	1.50	1.64	1.70
-160	6.42	6.45	6.42	6.27	5.85	5.07	4.03	2.97	2.10	1.48	1.11	0.94	0.94	1.09	1.32	1.52	1.64	1.70
-150	6.00	5.85	5.56	5.07	4.40	3.60	2.79	2.09	1.54	1.18	0.98	0.92	0.99	1.16	1.37	1.54	1.64	1.70
-140	4.03	3.79	3.44	3.03	2.56	2.10	1.69	1.35	1.11	0.96	0.91	0.95	1.08	1.26	1.43	1.57	1.65	1.70
-130	1.92	1.81	1.66	1.50	1.34	1.18	1.05	0.95	0.90	0.91	0.97	1.08	1.22	1.37	1.51	1.60	1.65	1.70
-120	0.98	0.96	0.93	0.91	0.89	0.89	0.89	0.93	0.98	1.07	1.17	1.28	1.39	1.49	1.57	1.63	1.65	1.70
-110	0.96	0.97	0.99	1.02	1.06	1.11	1.16	1.22	1.29	1.35	1.42	1.48	1.54	1.59	1.62	1.65	1.66	1.70
-100	1.42	1.43	1.44	1.46	1.48	1.50	1.52	1.54	1.57	1.59	1.60	1.62	1.63	1.64	1.64	1.66	1.68	1.70
-90	1.62	1.63	1.63	1.64	1.64	1.65	1.66	1.66	1.67	1.67	1.67	1.68	1.68	1.68	1.69	1.69	1.70	1.70
-80	1.61	1.61	1.61	1.62	1.62	1.63	1.63	1.64	1.64	1.66	1.67	1.68	1.68	1.69	1.69	1.70	1.70	1.70
-70	1.86	1.85	1.83	1.80	1.76	1.72	1.69	1.66	1.64	1.63	1.63	1.64	1.66	1.67	1.69	1.70	1.70	1.70
-60	3.91	3.84	3.68	3.46	3.18	2.88	2.57	2.29	2.04	1.86	1.74	1.67	1.64	1.66	1.68	1.70	1.70	1.70
-50	8.71	8.52	8.12	7.54	6.79	5.94	5.02	4.14	3.35	2.70	2.21	1.89	1.72	1.66	1.67	1.69	1.70	1.70
-40	16.0	15.5	14.6	13.3	11.9	10.4	8.85	7.24	5.67	4.27	3.16	2.38	1.92	1.71	1.67	1.68	1.70	1.70
-30	36.5	33.2	28.5	23.7	19.5	16.0	13.1	10.7	8.44	6.30	4.44	3.07	2.23	1.81	1.68	1.68	1.70	1.70
-20	286	200	109	57.5	35.4	24.5	18.2	14.0	10.9	8.17	5.73	3.81	2.57	1.93	1.70	1.68	1.70	1.70
-10	1975	1352	660	236	78.0	36.9	23.6	16.8	12.6	9.45	6.66	4.37	2.84	2.03	1.73	1.68	1.70	1.70
0	3673	2503	1245	429	119	45.1	26.2	18.1	13.3	9.93	7.01	4.58	2.95	2.07	1.74	1.69	1.70	1.70
10	1866	1308	635	228	76.6	36.2	22.9	16.4	12.3	9.21	6.47	4.23	2.74	1.97	1.69	1.66	1.69	1.70
20	254	186	106	57.4	34.5	23.6	17.3	13.3	10.3	7.73	5.37	3.54	2.39	1.81	1.63	1.63	1.68	1.70
30	34.6	31.5	27.2	22.7	18.7	15.3	12.5	10.1	7.83	5.71	3.96	2.72	1.98	1.64	1.57	1.61	1.66	1.70
40	15.4	14.8	13.9	12.8	11.4	9.93	8.37	6.72	5.12	3.73	2.65	1.98	1.63	1.51	1.53	1.59	1.65	1.70
50	8.24	8.02	7.60	7.00	6.26	5.42	4.53	3.66	2.88	2.25	1.79	1.50	1.41	1.43	1.50	1.58	1.64	1.70
60	3.38	3.31	3.16	2.95	2.69	2.42	2.14	1.88	1.66	1.49	1.38	1.33	1.33	1.41	1.49	1.57	1.63	1.70
70	1.48	1.48	1.47	1.44	1.41	1.38	1.36	1.33	1.32	1.32	1.32	1.33	1.34	1.40	1.48	1.55	1.62	1.70
80	1.34	1.34	1.34	1.34	1.34	1.34	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.37	1.44	1.52	1.61	1.70
90	1.12	1.13	1.14	1.15	1.16	1.16	1.17	1.18	1.19	1.19	1.20	1.20	1.21	1.26	1.37	1.48	1.59	1.70
100	0.53	0.55	0.57	0.59	0.62	0.65	0.69	0.73	0.78	0.82	0.87	0.93	0.98	1.10	1.27	1.42	1.57	1.70
110	0.23	0.24	0.24	0.25	0.26	0.28	0.30	0.34	0.39	0.45	0.53	0.62	0.72	0.95	1.19	1.39	1.55	1.70
120	0.31	0.30	0.28	0.27	0.25	0.24	0.23	0.23	0.24	0.26	0.31	0.38	0.51	0.82	1.12	1.37	1.54	1.70
130	0.91	0.83	0.72	0.60	0.49	0.40	0.33	0.28	0.25	0.23	0.24	0.27	0.45	0.75	1.07	1.35	1.55	1.70
140	2.82	2.58	2.24	1.82	1.40	1.00	0.69	0.48	0.35	0.27	0.24	0.31	0.48	0.74	1.05	1.35	1.56	1.70
150	4.99	4.75	4.35	3.77	3.05	2.27	1.54	0.96	0.58	0.37	0.38	0.43	0.56	0.77	1.06	1.36	1.57	1.70
160	5.96	5.83	5.59	5.18	4.54	3.65	2.63	1.68	1.15	0.81	0.65	0.60	0.67	0.84	1.11	1.39	1.59	1.70
170	5.96	6.03	5.98	5.75	5.40	4.89	4.03	2.99	2.04	1.37	0.98	0.80	0.79	0.93	1.18	1.44	1.61	1.70
180	5.82	6.19	6.49	6.63	6.59	6.20	5.27	4.01	2.78	1.87	1.29	1.00	0.94	1.05	1.28	1.50	1.64	1.70

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-30

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: