

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

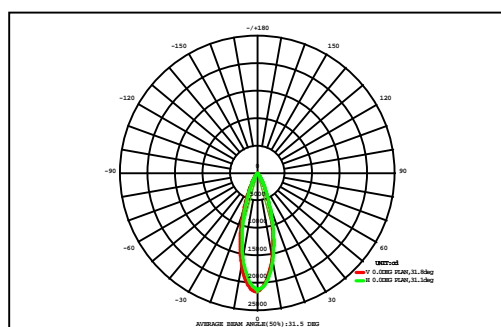
Maximum Intensity		2661.4 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	59.3V x 60.2H
	At 50% of Imax	31.1V x 31.8H
	At 90% of Imax	10.9V x 12.0H
Beam Flux	Total	1000.4 lumens per klm.
	To 10% of Imax	823.9 lumens per klm.
	To 50% of Imax	444.1 lumens per klm.
	To 90% of Imax	72.4 lumens per klm.
	Upward LOR	2.1 %
	Downward LOR	98.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-04

V(θ) Range:-180 - 180DEG
V(θ) 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:0.7999A P:173.8W PF:0.9851 Lamp Flux:8106.57x1 lm		
NAME: L0228-180W-60-WT-HQ60D+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:46.65lm/W	
CMEDEXPE2 WT(2200K-6500K)		Imax(cd)	21575
NOMINAL POWER(W)	180	AVAILABILITY(%)	82.5
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	6687
NOMINAL FLUX(lm)	8106.57	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	8107
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	32,31DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM															UNIT:lm				F t	F a
	0.03	0.09	0.16	0.22	0.28	0.33	0.37	0.39	0.40	0.40	0.38	0.35	0.31	0.26	0.21	0.15	0.10	0.04	4.49	0.00	
90	0.03	0.09	0.16	0.22	0.28	0.33	0.37	0.39	0.40	0.40	0.38	0.35	0.31	0.26	0.21	0.15	0.10	0.04	4.49	0.00	
80	0.03	0.11	0.19	0.28	0.39	0.48	0.57	0.63	0.66	0.65	0.60	0.53	0.45	0.35	0.26	0.17	0.11	0.04	6.51	0.00	
70	0.03	0.12	0.23	0.38	0.59	0.84	1.11	1.35	1.47	1.44	1.27	1.01	0.75	0.52	0.34	0.21	0.12	0.04	11.8	0.00	
60	0.04	0.13	0.29	0.56	1.03	1.74	2.62	3.45	3.94	3.85	3.22	2.36	1.52	0.88	0.48	0.26	0.14	0.05	26.6	0.00	
50	0.04	0.15	0.37	0.85	1.86	3.64	6.15	8.91	10.8	10.5	8.22	5.45	3.14	1.57	0.71	0.33	0.15	0.05	62.8	0.00	
40	0.04	0.16	0.47	1.27	3.21	7.24	14.8	25.8	34.8	33.5	23.1	12.6	6.05	2.67	1.06	0.42	0.17	0.05	167	0.00	
30	0.04	0.18	0.57	1.78	5.07	13.9	36.8	79.3	120	115	69.7	30.2	11.2	4.14	1.51	0.52	0.19	0.05	489	340	
-30	0.04	0.19	0.67	2.27	7.19	23.8	78.0	203	330	314	175	62.9	18.8	5.92	1.96	0.62	0.20	0.05	1224	1125	
	0.04	0.20	0.73	2.58	8.75	32.7	121	335	555	524	290	97.8	26.4	7.36	2.28	0.68	0.22	0.05	2005	1918	
	0.04	0.20	0.74	2.59	8.70	32.3	119	327	539	524	295	100	27.0	7.52	2.32	0.70	0.22	0.05	1986	1899	
	0.04	0.20	0.69	2.29	7.08	23.1	74.7	192	315	306	176	65.8	20.2	6.30	2.07	0.65	0.21	0.05	1191	1091	
	0.04	0.19	0.61	1.83	5.01	13.3	34.7	74.9	114	111	69.7	31.3	12.1	4.55	1.66	0.57	0.20	0.05	475	315	
	0.04	0.18	0.51	1.35	3.23	7.05	14.2	24.7	33.3	32.7	23.5	13.2	6.52	2.96	1.22	0.48	0.19	0.05	165	0.00	
	0.04	0.17	0.42	0.93	1.93	3.65	6.10	8.84	10.7	10.5	8.53	5.79	3.40	1.77	0.85	0.40	0.18	0.05	64.3	0.00	
	0.04	0.15	0.35	0.65	1.12	1.84	2.73	3.58	4.07	4.03	3.47	2.60	1.71	1.03	0.59	0.33	0.17	0.05	28.5	0.00	
	0.04	0.14	0.29	0.47	0.70	0.97	1.26	1.51	1.64	1.63	1.46	1.20	0.91	0.65	0.45	0.29	0.16	0.05	13.8	0.00	
	0.04	0.13	0.26	0.37	0.49	0.61	0.71	0.78	0.82	0.81	0.77	0.69	0.59	0.48	0.36	0.25	0.15	0.05	8.38	0.00	
-80	0.04	0.13	0.23	0.32	0.40	0.47	0.53	0.56	0.58	0.58	0.56	0.52	0.47	0.40	0.32	0.23	0.14	0.05	6.55	0.00	
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90	
F t	0.68	2.82	7.76	21.0	57.0	168	515	1291	2075	1994	1150	435	141	49.3	18.6	7.25	3.03	0.88	7938	---	
F a	0.00	0.00	0.00	0.00	0.00	5.29	367	1172	1963	1881	1029	270	0.00	0.00	0.00	0.00	0.00	0.00	---	6687	

one-half-peak spread: U:15.4,D:16.0 , L:15.8,R:16.2

NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG
H(h) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-04

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:0.7999A P:173.8W PF:0.9851 Lamp Flux:8106.57x1 lm		
NAME: L0228-180W-60-WT-HQ60D+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):

7614.2 lm

%lum = 93.9%

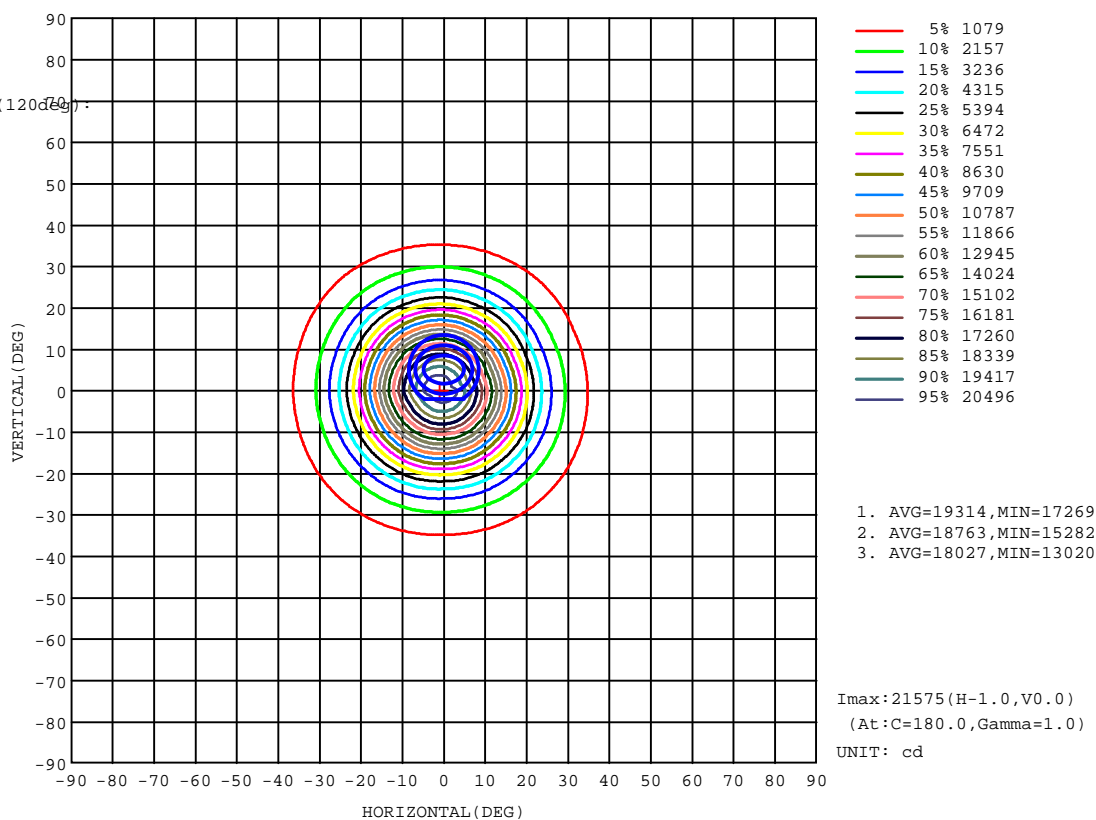
%lamp = 93.9%

Conical surface Flux(120deg):

7844.8 lm

%lum = 96.7%

%lamp = 96.8%



H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-08-04

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290

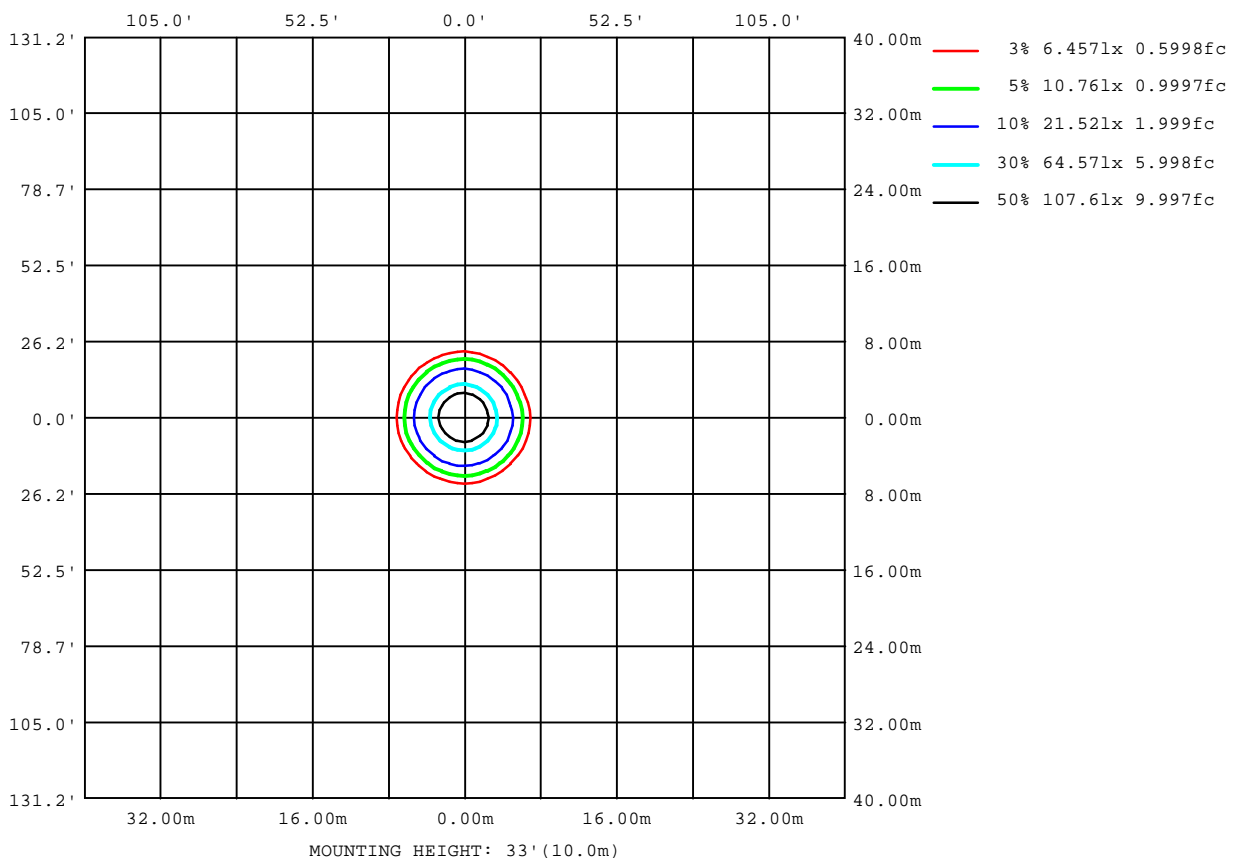
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

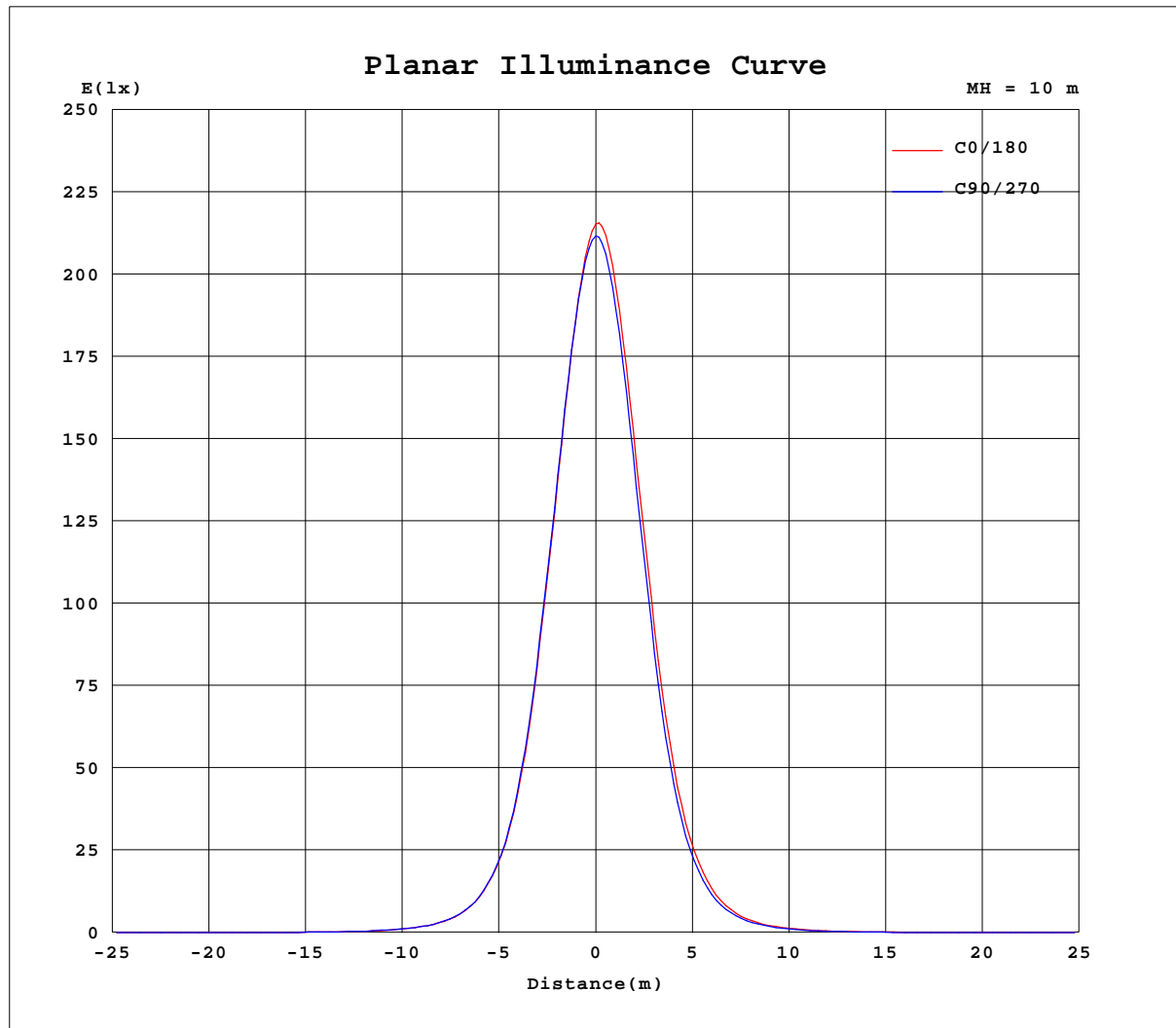
Test:U:220.6V I:0.7999A P:173.8W PF:0.9851 Lamp Flux:8106.57x1 lm		
NAME: L0228-180W-60-WT-HQ60D+5D-XPE2-ALL	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:



H(b) Range:-90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-04

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

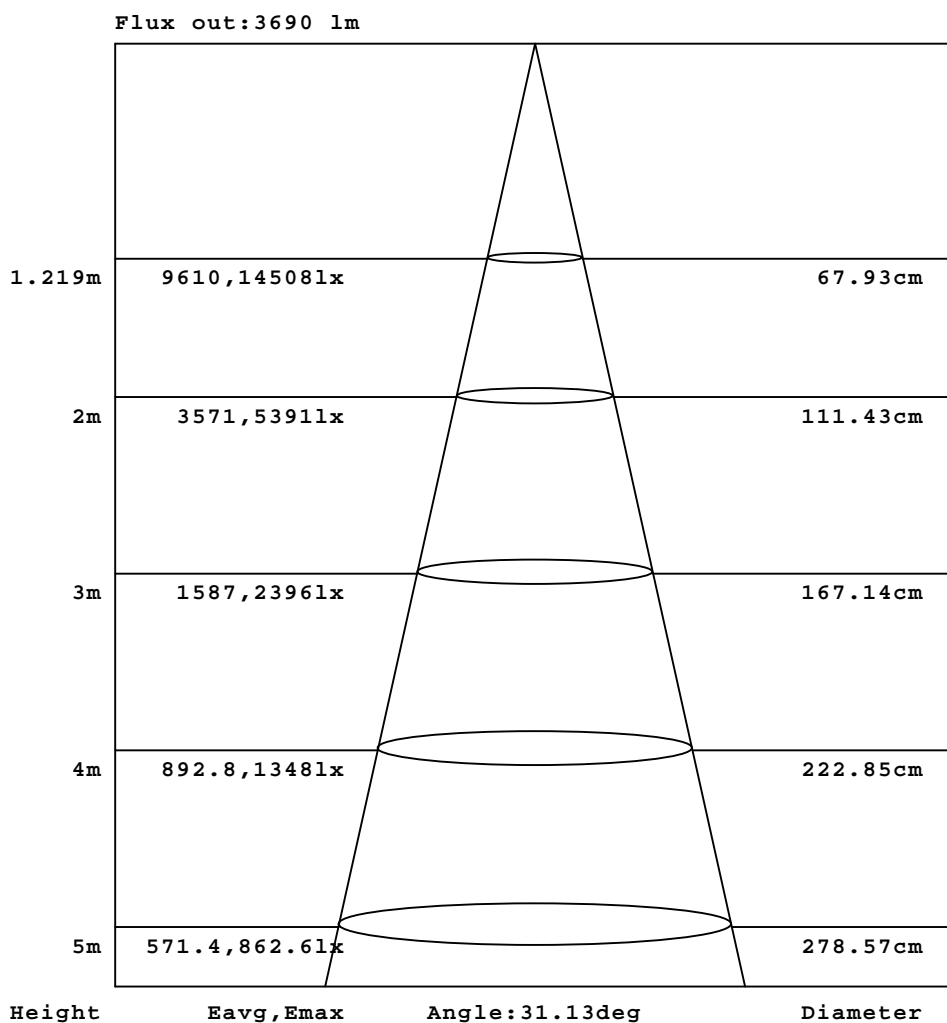


H(b) Range:-90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-04

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:0.7999A P:173.8W PF:0.9851 Lamp Flux:8106.57x1 lm		
NAME: L0228-180W-60-WT-HQ60D+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(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-04

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:0.7999A P:173.8W PF:0.9851 Lamp Flux:8106.57x1 lm		
NAME: L0228-180W-60-WT-HQ60D+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	1.15	1.02	0.88	0.74	0.67	0.71	0.89	1.26	1.85	2.66	3.61	4.61	5.53	6.28	6.81	7.11	7.24	7.30	7.17
-170	1.15	1.05	0.95	0.85	0.81	0.89	1.10	1.50	2.10	2.91	3.84	4.81	5.68	6.36	6.79	7.00	7.08	7.14	7.14
-160	1.15	1.08	1.02	0.96	0.96	1.05	1.25	1.62	2.16	2.88	3.73	4.50	5.22	5.84	6.32	6.65	6.86	6.97	7.01
-150	1.15	1.12	1.09	1.08	1.10	1.19	1.37	1.67	2.09	2.51	3.05	3.63	4.23	4.80	5.29	5.68	5.97	6.14	6.22
-140	1.15	1.15	1.17	1.19	1.24	1.33	1.49	1.64	1.79	2.02	2.32	2.70	3.09	3.49	3.86	4.18	4.42	4.58	4.65
-130	1.15	1.18	1.24	1.30	1.38	1.48	1.56	1.57	1.60	1.68	1.80	1.96	2.14	2.33	2.52	2.69	2.83	2.93	2.98
-120	1.15	1.21	1.30	1.39	1.50	1.62	1.61	1.58	1.57	1.57	1.58	1.61	1.65	1.70	1.75	1.80	1.84	1.87	1.89
-110	1.15	1.23	1.34	1.47	1.60	1.70	1.68	1.66	1.64	1.62	1.61	1.59	1.58	1.58	1.58	1.58	1.58	1.58	1.58
-100	1.15	1.25	1.37	1.51	1.65	1.73	1.73	1.73	1.73	1.72	1.72	1.71	1.70	1.70	1.69	1.69	1.69	1.69	1.69
-90	1.15	1.28	1.42	1.55	1.68	1.75	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.77	1.77
-80	1.15	1.31	1.47	1.63	1.79	1.89	1.92	1.96	2.00	2.03	2.06	2.09	2.11	2.13	2.15	2.16	2.17	2.17	2.16
-70	1.15	1.34	1.54	1.74	1.94	2.12	2.24	2.36	2.50	2.64	2.79	2.94	3.08	3.22	3.34	3.44	3.51	3.54	3.53
-60	1.15	1.37	1.60	1.86	2.14	2.46	2.75	3.08	3.49	3.97	4.52	5.13	5.78	6.43	7.05	7.57	7.96	8.18	8.21
-50	1.15	1.39	1.67	1.99	2.39	2.89	3.54	4.33	5.36	6.66	8.26	10.1	12.2	14.4	16.5	18.4	19.9	20.8	20.9
-40	1.15	1.41	1.73	2.13	2.67	3.46	4.63	6.26	8.45	11.4	15.1	19.8	25.5	32.1	39.4	47.1	53.2	57.4	58.3
-30	1.15	1.42	1.77	2.25	2.97	4.13	5.96	8.72	12.7	18.2	26.1	37.3	53.5	76.3	106	140	172	195	200
-20	1.15	1.42	1.80	2.35	3.24	4.78	7.32	11.3	17.4	26.8	41.8	67.6	111	181	279	409	548	650	676
-10	1.15	1.42	1.81	2.40	3.42	5.24	8.37	13.5	21.5	35.1	59.6	106	193	342	584	905	1236	1489	1563
0	1.15	1.40	1.78	2.38	3.43	5.36	8.73	14.3	23.4	39.1	69.3	129	243	449	792	1242	1703	2049	2152
10	1.15	1.40	1.77	2.34	3.33	5.14	8.26	13.4	21.6	35.5	60.6	109	198	352	606	949	1306	1553	1624
20	1.15	1.38	1.72	2.23	3.08	4.58	7.10	11.1	17.4	27.2	43.1	70.2	116	191	298	435	576	684	714
30	1.15	1.36	1.66	2.08	2.74	3.84	5.62	8.36	12.4	18.3	26.6	38.6	56.1	80.6	112	148	181	206	212
40	1.15	1.33	1.58	1.91	2.38	3.09	4.19	5.78	8.06	11.1	15.1	20.0	26.0	32.9	40.4	47.9	54.5	58.9	59.9
50	1.15	1.30	1.49	1.73	2.04	2.46	3.03	3.84	4.90	6.26	7.95	9.90	12.0	14.2	16.3	18.2	19.6	20.5	20.6
60	1.15	1.26	1.40	1.56	1.75	1.97	2.25	2.59	2.99	3.49	4.06	4.66	5.30	5.93	6.53	7.04	7.42	7.63	7.65
70	1.15	1.22	1.30	1.40	1.50	1.61	1.73	1.86	2.00	2.15	2.30	2.44	2.58	2.70	2.82	2.91	2.97	3.00	2.99
80	1.15	1.18	1.22	1.26	1.30	1.34	1.38	1.42	1.46	1.50	1.53	1.56	1.58	1.60	1.62	1.63	1.64	1.63	1.63
90	1.15	1.15	1.14	1.14	1.14	1.14	1.13	1.13	1.13	1.12	1.12	1.12	1.12	1.11	1.11	1.11	1.10	1.10	1.09
100	1.15	1.11	1.09	1.08	1.06	1.04	1.02	1.00	0.97	0.95	0.93	0.92	0.90	0.89	0.87	0.86	0.85	0.85	0.84
110	1.15	1.09	1.06	1.02	0.98	0.93	0.88	0.83	0.79	0.75	0.72	0.70	0.68	0.67	0.66	0.65	0.65	0.64	0.64
120	1.15	1.08	1.02	0.96	0.88	0.81	0.75	0.70	0.67	0.66	0.66	0.68	0.71	0.74	0.78	0.82	0.86	0.88	0.89
130	1.15	1.06	0.98	0.89	0.80	0.72	0.68	0.66	0.69	0.75	0.86	0.99	1.15	1.32	1.49	1.65	1.77	1.84	1.87
140	1.15	1.05	0.95	0.84	0.74	0.68	0.67	0.72	0.86	1.07	1.35	1.69	2.07	2.47	2.84	3.16	3.41	3.57	3.64
150	1.15	1.04	0.92	0.79	0.70	0.67	0.72	0.87	1.15	1.56	2.07	2.67	3.31	3.92	4.47	4.92	5.24	5.44	5.52
160	1.15	1.03	0.90	0.76	0.68	0.68	0.80	1.06	1.49	2.09	2.82	3.64	4.47	5.21	5.81	6.24	6.52	6.67	6.72
170	1.15	1.03	0.88	0.74	0.67	0.70	0.86	1.21	1.75	2.50	3.39	4.34	5.24	5.99	6.54	6.89	7.07	7.09	7.10
180	1.15	1.02	0.88	0.74	0.67	0.71	0.89	1.26	1.85	2.66	3.61	4.61	5.53	6.28	6.81	7.11	7.24	7.30	7.20

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-08-04

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:0.7999A P:173.8W PF:0.9851 Lamp Flux:8106.57x1 lm		
NAME: L0228-180W-60-WT-HQ60D+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	7.27	7.28	7.26	7.16	6.87	6.37	5.67	4.82	3.93	3.12	2.45	1.97	1.71	1.62	1.64	1.71	1.78	1.79
-170	7.21	7.19	7.18	7.04	6.71	6.18	5.47	4.64	3.78	3.00	2.37	1.94	1.69	1.62	1.64	1.71	1.78	1.79
-160	7.03	6.97	6.82	6.55	6.13	5.56	4.87	4.12	3.37	2.70	2.19	1.84	1.66	1.62	1.65	1.72	1.78	1.79
-150	6.20	6.08	5.86	5.52	5.07	4.54	3.94	3.34	2.78	2.30	1.95	1.73	1.63	1.62	1.66	1.73	1.78	1.79
-140	4.63	4.52	4.33	4.04	3.70	3.31	2.92	2.53	2.19	1.93	1.75	1.64	1.61	1.63	1.68	1.74	1.78	1.79
-130	2.96	2.90	2.79	2.64	2.46	2.27	2.09	1.92	1.78	1.68	1.63	1.61	1.62	1.66	1.71	1.76	1.79	1.79
-120	1.89	1.87	1.84	1.80	1.76	1.71	1.66	1.63	1.61	1.61	1.61	1.63	1.67	1.71	1.74	1.77	1.79	1.79
-110	1.59	1.59	1.59	1.59	1.60	1.60	1.61	1.62	1.64	1.66	1.68	1.70	1.73	1.75	1.77	1.78	1.79	1.79
-100	1.69	1.69	1.69	1.70	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.76	1.77	1.78	1.78	1.78	1.79	1.79
-90	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.78	1.78	1.78	1.78	1.78	1.78	1.79	1.79	1.79
-80	2.16	2.15	2.13	2.12	2.09	2.07	2.05	2.02	1.99	1.96	1.93	1.90	1.87	1.85	1.83	1.81	1.79	1.79
-70	3.50	3.44	3.35	3.22	3.08	2.94	2.80	2.65	2.51	2.39	2.27	2.17	2.07	1.98	1.91	1.85	1.81	1.79
-60	8.09	7.80	7.34	6.76	6.10	5.43	4.77	4.18	3.66	3.23	2.88	2.59	2.36	2.17	2.02	1.91	1.83	1.79
-50	20.5	19.5	17.9	15.9	13.7	11.5	9.44	7.62	6.10	4.88	3.95	3.26	2.76	2.41	2.15	1.97	1.85	1.79
-40	56.6	51.7	45.2	37.5	30.3	23.9	18.4	14.0	10.4	7.67	5.64	4.23	3.29	2.69	2.30	2.03	1.87	1.79
-30	190	165	132	98.3	69.9	49.2	34.3	24.0	16.7	11.5	7.88	5.45	3.91	2.98	2.43	2.09	1.88	1.79
-20	630	517	375	251	161	98.9	60.5	37.7	24.2	15.7	10.3	6.70	4.52	3.26	2.55	2.14	1.90	1.79
-10	1447	1164	824	515	296	165	91.0	51.7	30.9	19.2	12.1	7.66	4.97	3.46	2.63	2.17	1.90	1.79
0	1950	1553	1085	660	366	197	105	57.7	33.7	20.5	12.8	8.00	5.13	3.52	2.66	2.18	1.91	1.79
10	1470	1173	810	492	281	157	86.4	49.3	29.7	18.5	11.7	7.39	4.80	3.34	2.55	2.12	1.88	1.79
20	649	521	376	249	155	92.6	55.5	34.4	22.2	14.6	9.53	6.22	4.20	3.04	2.40	2.05	1.85	1.79
30	197	167	131	95.8	66.9	46.2	31.7	21.9	15.1	10.2	6.98	4.83	3.48	2.68	2.22	1.96	1.81	1.79
40	57.1	51.2	43.8	36.0	28.7	22.4	17.1	12.8	9.33	6.70	4.77	3.53	2.78	2.31	2.03	1.86	1.77	1.79
50	20.0	18.7	16.9	14.8	12.7	10.6	8.57	6.80	5.31	4.13	3.23	2.58	2.20	1.98	1.84	1.75	1.73	1.79
60	7.47	7.11	6.60	6.00	5.37	4.73	4.10	3.53	3.02	2.59	2.25	1.97	1.76	1.69	1.66	1.66	1.70	1.79
70	2.94	2.87	2.76	2.62	2.49	2.35	2.21	2.06	1.92	1.80	1.67	1.56	1.46	1.46	1.51	1.58	1.67	1.79
80	1.62	1.60	1.58	1.55	1.53	1.50	1.46	1.43	1.39	1.35	1.31	1.27	1.23	1.27	1.39	1.51	1.64	1.79
90	1.09	1.09	1.09	1.09	1.08	1.08	1.08	1.07	1.07	1.07	1.07	1.07	1.07	1.15	1.31	1.47	1.63	1.79
100	0.84	0.84	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.92	0.94	0.95	0.98	1.09	1.28	1.46	1.63	1.79
110	0.64	0.64	0.64	0.65	0.65	0.66	0.67	0.68	0.71	0.74	0.77	0.81	0.86	1.04	1.26	1.46	1.63	1.79
120	0.88	0.87	0.84	0.80	0.76	0.72	0.68	0.65	0.64	0.64	0.66	0.69	0.77	1.01	1.25	1.46	1.64	1.79
130	1.86	1.80	1.69	1.55	1.38	1.21	1.04	0.89	0.77	0.69	0.64	0.64	0.79	1.02	1.25	1.47	1.65	1.79
140	3.60	3.46	3.24	2.93	2.58	2.19	1.79	1.44	1.14	0.90	0.74	0.75	0.89	1.08	1.29	1.50	1.67	1.79
150	5.46	5.28	4.99	4.57	4.06	3.46	2.83	2.22	1.68	1.24	1.07	1.01	1.05	1.18	1.35	1.54	1.69	1.79
160	6.65	6.51	6.25	5.85	5.30	4.61	3.82	3.02	2.43	1.93	1.56	1.34	1.26	1.31	1.43	1.58	1.72	1.79
170	7.02	6.95	6.78	6.49	6.08	5.55	4.86	4.08	3.29	2.60	2.05	1.67	1.49	1.46	1.53	1.64	1.75	1.79
180	7.27	7.28	7.26	7.16	6.87	6.37	5.67	4.82	3.93	3.12	2.45	1.97	1.71	1.62	1.64	1.71	1.78	1.79

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-08-04

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: