

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

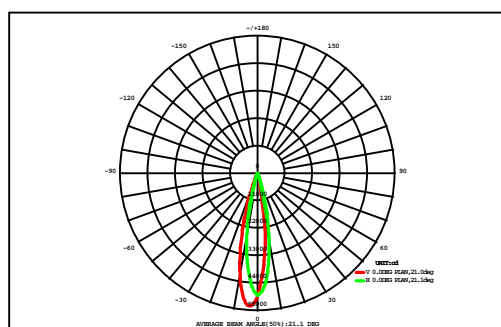
Maximum Intensity		6113.0 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	38.2V x 37.8H
	At 50% of Imax	21.1V x 21.0H
	At 90% of Imax	8.0V x 7.9H
Beam Flux	Total	1000.9 lumens per klm.
	To 10% of Imax	817.7 lumens per klm.
	To 50% of Imax	466.3 lumens per klm.
	To 90% of Imax	83.1 lumens per klm.
	Upward LOR	2.2 %
	Downward LOR	97.9 %
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:2018-07-28

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:0.7997A P:173.7W PF:0.9851 Lamp Flux:8719.73x1 lm		
NAME: L0228-180W-60-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:50.19lm/W	
CMEDEXPE2 WT(2200K-6500K)		Imax(cd)	53303
NOMINAL POWER(W)	180	AVAILABILITY(%)	82.1
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	7158
NOMINAL FLUX(lm)	8719.73	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	8720
TEST VOLTAGE(V)	AC 220	q @50%(H,V)	21,21DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM															UNIT:lm			F t	F a
	0.05	0.15	0.24	0.33	0.41	0.47	0.52	0.54	0.55	0.55	0.52	0.48	0.42	0.35	0.27	0.19	0.13	0.05	6.21	0.00
90	0.05	0.15	0.25	0.34	0.42	0.50	0.57	0.61	0.63	0.62	0.59	0.54	0.48	0.40	0.32	0.22	0.14	0.05	6.88	0.00
80	0.05	0.15	0.26	0.37	0.53	0.73	0.92	1.06	1.11	1.04	0.89	0.71	0.55	0.43	0.33	0.24	0.15	0.06	9.58	0.00
70	0.05	0.16	0.28	0.50	0.89	1.45	2.03	2.47	2.64	2.47	2.01	1.44	0.92	0.55	0.35	0.25	0.16	0.06	18.7	0.00
60	0.05	0.16	0.34	0.76	1.58	2.73	3.90	4.84	5.29	5.02	4.11	2.92	1.74	0.89	0.43	0.26	0.17	0.06	35.2	0.00
50	0.05	0.17	0.42	1.12	2.47	4.30	6.57	9.13	10.8	9.85	7.32	4.90	2.93	1.42	0.59	0.29	0.17	0.06	62.5	0.00
40	0.05	0.18	0.52	1.52	3.37	6.30	12.6	29.1	48.9	36.5	16.0	7.72	4.18	2.04	0.81	0.33	0.18	0.06	170	0.00
30	0.05	0.18	0.61	1.84	4.14	9.15	34.8	197	419	277	60.0	12.5	5.40	2.64	1.04	0.38	0.18	0.06	1026	805
-30	0.05	0.19	0.66	2.03	4.66	12.0	85.5	594	1262	832	167	18.8	6.49	3.06	1.20	0.41	0.19	0.06	2989	2838
	0.05	0.19	0.67	2.04	4.66	12.0	84.9	578	1214	827	168	19.2	6.62	3.13	1.23	0.43	0.19	0.06	2922	2772
	0.05	0.19	0.64	1.88	4.16	9.05	33.9	185	392	260	57.0	12.9	5.74	2.84	1.13	0.41	0.19	0.06	966	742
	0.05	0.19	0.57	1.60	3.43	6.30	12.3	27.8	45.4	33.3	15.5	7.97	4.52	2.30	0.94	0.38	0.19	0.06	163	0.00
	0.05	0.19	0.48	1.24	2.58	4.38	6.63	9.16	10.6	9.73	7.47	5.20	3.24	1.66	0.73	0.35	0.19	0.06	64.0	0.00
-40	0.05	0.18	0.41	0.89	1.74	2.90	4.09	5.07	5.50	5.25	4.42	3.24	2.02	1.09	0.57	0.33	0.19	0.06	38.0	0.00
-50	0.05	0.18	0.35	0.63	1.08	1.67	2.30	2.79	2.97	2.82	2.37	1.75	1.16	0.73	0.47	0.32	0.19	0.06	21.9	0.00
-60	0.05	0.18	0.32	0.49	0.70	0.94	1.18	1.36	1.42	1.35	1.18	0.96	0.75	0.58	0.44	0.31	0.19	0.06	12.5	0.00
-70	0.05	0.18	0.31	0.44	0.56	0.67	0.77	0.83	0.86	0.85	0.80	0.72	0.63	0.53	0.42	0.30	0.18	0.06	9.16	0.00
-80	0.05	0.17	0.30	0.42	0.52	0.60	0.67	0.72	0.74	0.74	0.71	0.66	0.59	0.50	0.40	0.29	0.18	0.06	8.33	0.00
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90
F t	0.94	3.13	7.61	18.4	37.9	76.1	294	1649	3424	2306	516	103	48.3	25.1	11.7	5.69	3.15	1.07	8530	---
F a	0.00	0.00	0.00	0.00	0.00	0.00	65.3	1457	3255	2125	256	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	7158

one-half-peak spread: U:10.4,D:10.9 , L:10.2,R:10.9

NEMA Beam Type: Type 3

H(h) Range:-90 - 90DEG
H(h) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-07-28

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:0.7997A P:173.7W PF:0.9851 Lamp Flux:8719.73x1 lm		
NAME: L0228-180W-60-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):

8305.7 lm

%lum = 95.2%

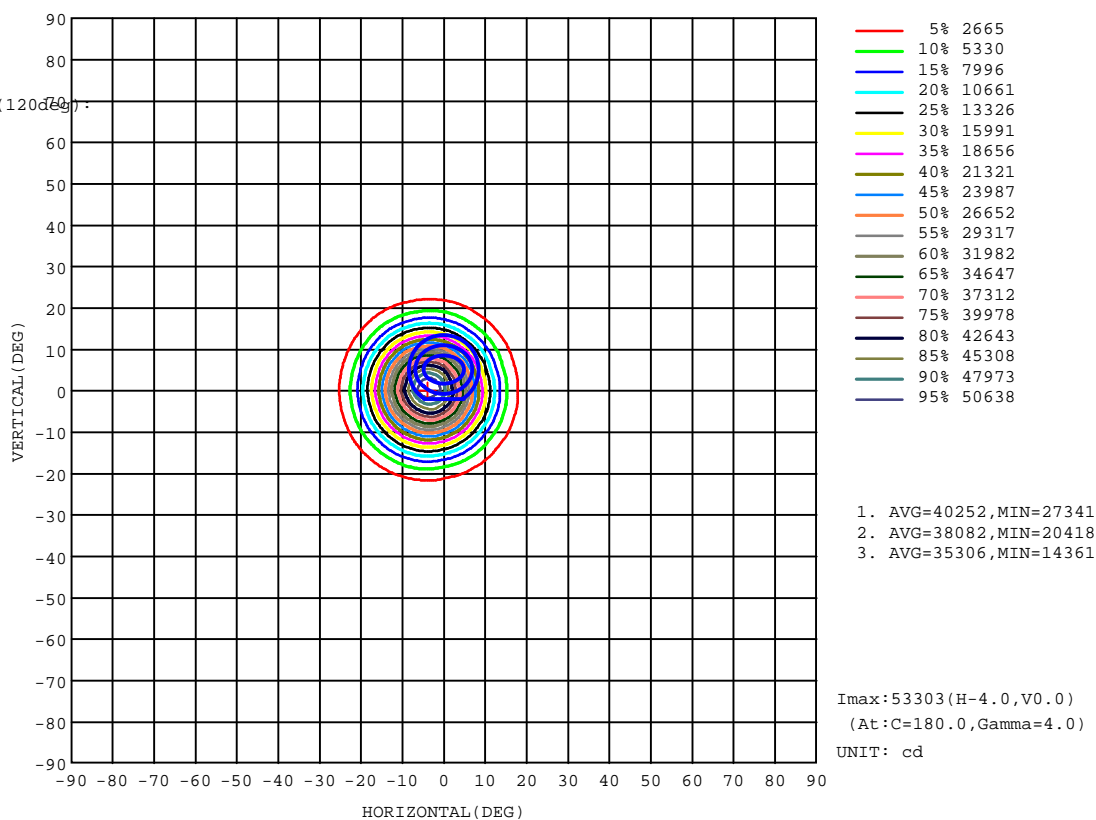
%lamp = 95.3%

Conical surface Flux(120deg):

8448.7 lm

%lum = 96.8%

%lamp = 96.9%



H(B) Range:-90 - 90DEG

H(B) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-28

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

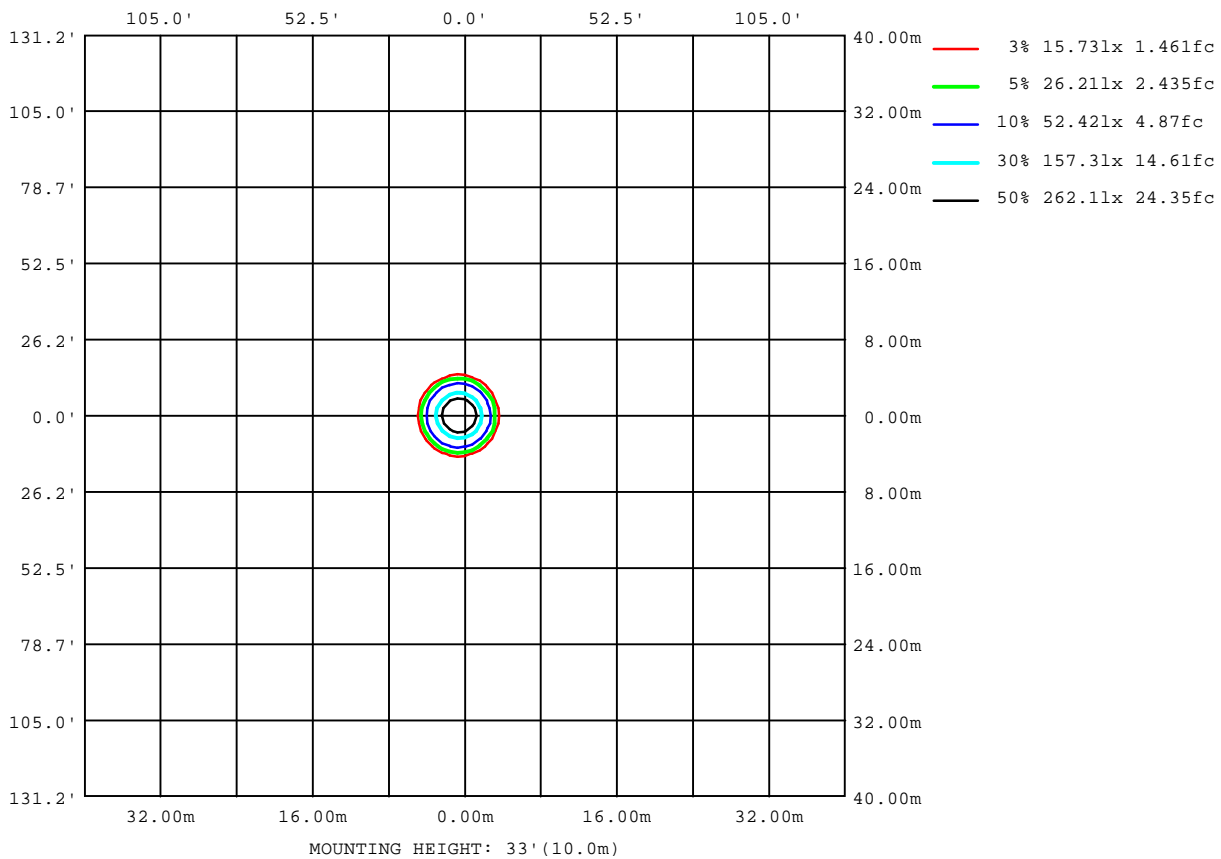
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

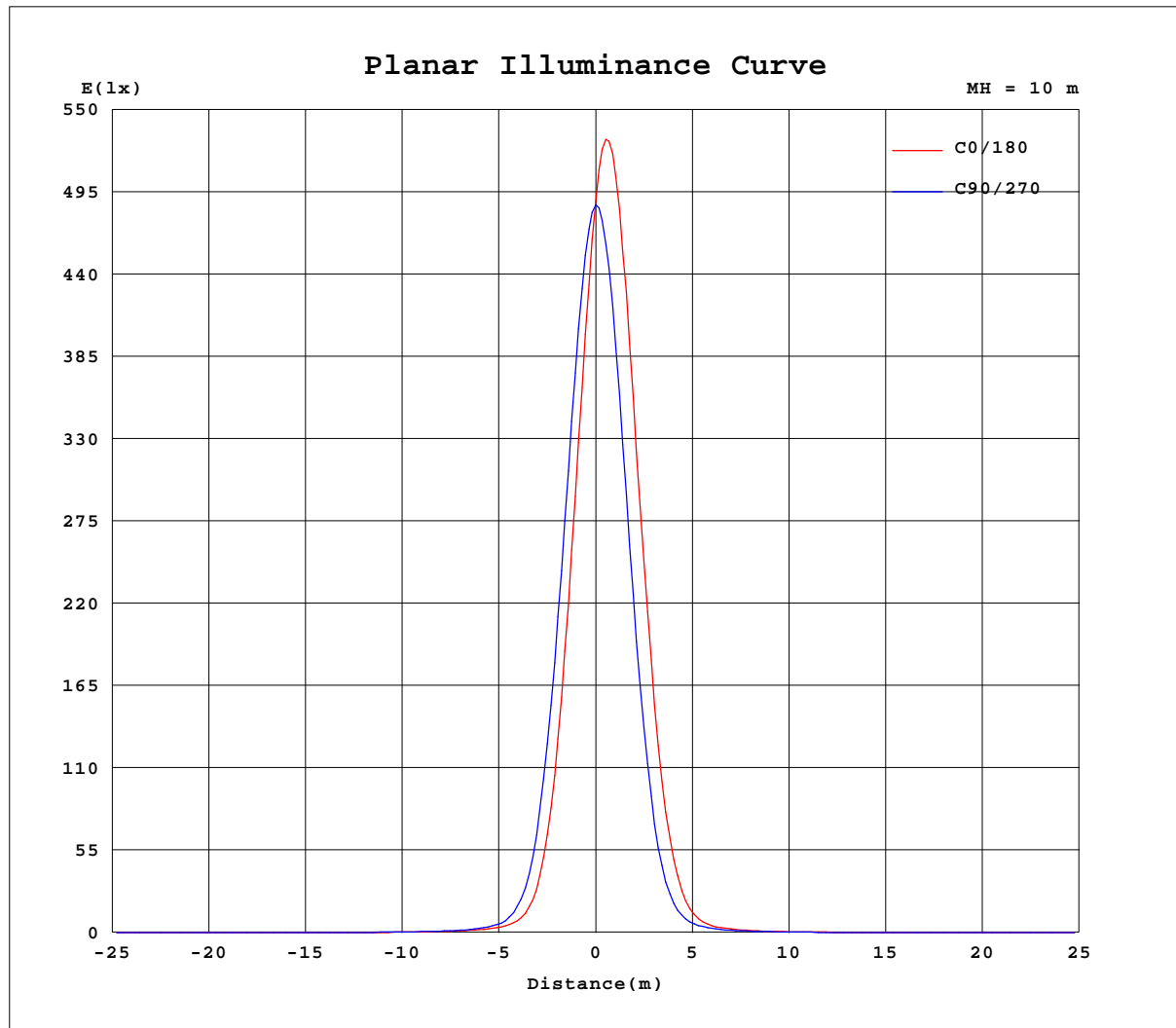
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NAME: L0228-180W-60-WT-HQ40D+5D-XPE2-ALL	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:



H(b) Range:-90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-07-28

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

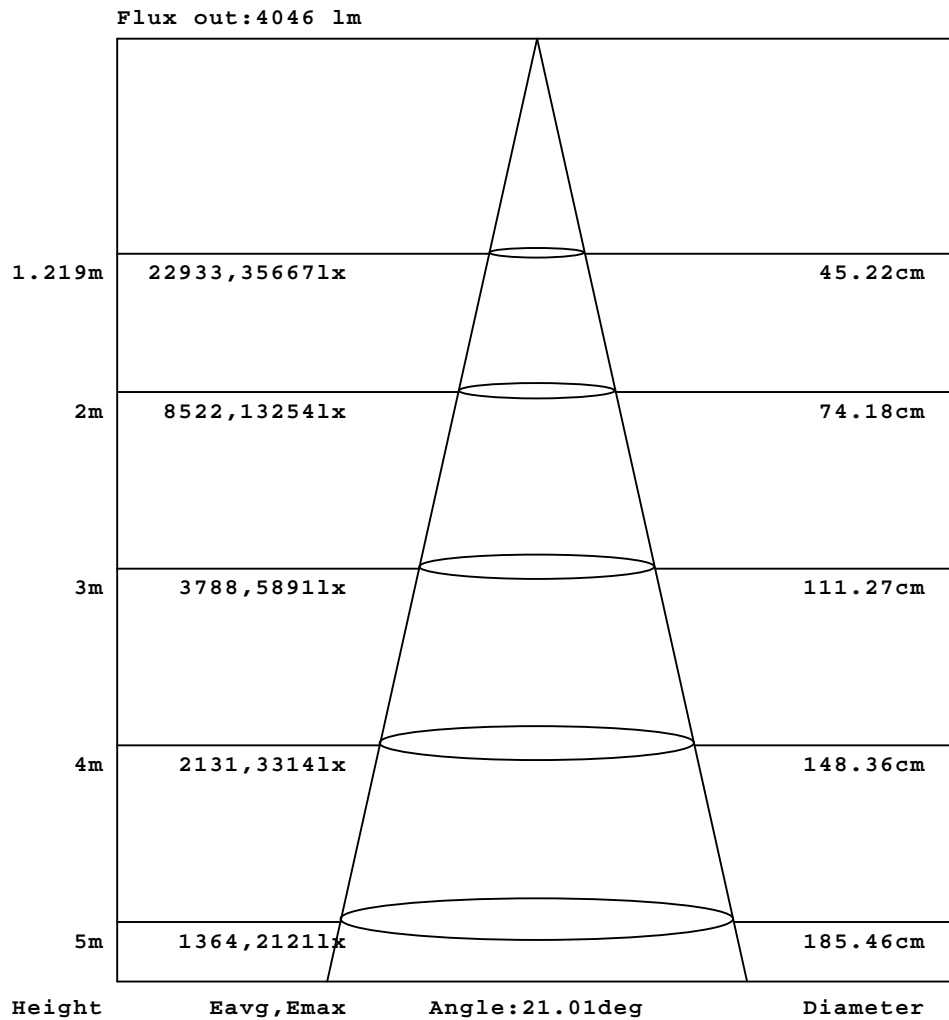


H(b) Range:-90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-07-28

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:0.7997A P:173.7W PF:0.9851 Lamp Flux:8719.73x1 lm		
NAME: L0228-180W-60-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(θ) Range: -90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature: 30DEG
Operators: Matthew
Test Date: 2018-07-28

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:0.7997A P:173.7W PF:0.9851 Lamp Flux:8719.73x1 lm		
NAME: L0228-180W-60-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	1.84	1.50	1.10	0.68	0.42	0.35	0.39	0.51	0.84	1.59	2.88	4.55	6.17	7.40	8.14	8.52	8.54	8.27	7.79
-170	1.84	1.54	1.19	0.83	0.62	0.56	0.62	0.82	1.26	2.13	3.53	5.32	7.07	8.35	8.85	8.86	8.69	8.46	8.22
-160	1.84	1.57	1.30	1.01	0.83	0.77	0.84	1.04	1.47	2.26	3.50	4.92	6.41	7.68	8.48	8.85	8.96	8.94	8.91
-150	1.84	1.62	1.42	1.22	1.08	1.02	1.05	1.20	1.52	1.92	2.57	3.47	4.57	5.73	6.80	7.63	8.18	8.49	8.66
-140	1.84	1.67	1.55	1.43	1.35	1.31	1.32	1.32	1.35	1.50	1.79	2.20	2.75	3.40	4.10	4.77	5.36	5.81	6.08
-130	1.84	1.74	1.67	1.63	1.63	1.65	1.61	1.46	1.37	1.34	1.39	1.51	1.69	1.90	2.15	2.41	2.66	2.86	2.99
-120	1.84	1.80	1.78	1.81	1.88	1.97	1.86	1.73	1.61	1.50	1.43	1.39	1.38	1.40	1.43	1.47	1.52	1.57	1.60
-110	1.84	1.86	1.87	1.95	2.06	2.15	2.09	2.03	1.95	1.87	1.80	1.72	1.66	1.60	1.56	1.52	1.49	1.48	1.46
-100	1.84	1.90	1.98	2.06	2.16	2.22	2.22	2.21	2.20	2.19	2.16	2.14	2.11	2.08	2.06	2.03	2.01	1.99	1.98
-90	1.84	1.94	2.05	2.15	2.26	2.31	2.32	2.33	2.33	2.34	2.34	2.34	2.33	2.33	2.33	2.32	2.31	2.30	2.29
-80	1.84	1.97	2.09	2.20	2.31	2.38	2.40	2.43	2.45	2.48	2.50	2.52	2.53	2.55	2.56	2.56	2.56	2.56	2.56
-70	1.84	1.99	2.12	2.23	2.34	2.44	2.51	2.59	2.68	2.79	2.90	3.01	3.12	3.22	3.29	3.34	3.36	3.34	3.30
-60	1.84	2.00	2.12	2.23	2.38	2.59	2.80	3.08	3.44	3.87	4.37	4.87	5.37	5.84	6.23	6.50	6.64	6.65	6.52
-50	1.84	2.01	2.12	2.24	2.47	2.87	3.44	4.17	5.13	6.28	7.57	8.90	10.2	11.3	12.3	13.0	13.4	13.6	13.4
-40	1.84	2.01	2.10	2.26	2.63	3.32	4.43	5.93	7.78	9.91	12.2	14.4	16.6	18.7	20.6	22.2	23.3	23.8	23.5
-30	1.84	2.00	2.08	2.29	2.83	3.89	5.60	7.98	10.9	13.9	17.1	20.7	25.2	30.8	37.4	45.2	51.6	54.3	52.0
-20	1.84	1.99	2.06	2.32	3.03	4.45	6.73	9.84	13.5	17.5	22.3	29.3	40.6	61.3	106	202	324	411	362
-10	1.84	1.98	2.03	2.31	3.15	4.83	7.52	11.1	15.3	20.2	27.3	39.9	68.2	166	511	1216	2129	2731	2537
0	1.84	1.96	2.00	2.27	3.12	4.89	7.74	11.6	16.0	21.5	30.0	46.9	91.8	286	973	2380	4121	5265	4894
10	1.84	1.96	1.99	2.24	3.03	4.67	7.34	11.0	15.2	20.2	27.4	40.3	69.3	170	516	1285	2299	2878	2715
20	1.84	1.96	1.98	2.17	2.81	4.15	6.37	9.47	13.2	17.3	22.3	29.5	41.4	63.1	110	210	344	439	409
30	1.84	1.95	1.98	2.09	2.52	3.46	5.06	7.38	10.3	13.5	16.9	20.6	25.1	30.9	37.9	45.5	52.5	56.8	55.3
40	1.84	1.95	1.97	2.02	2.25	2.79	3.75	5.17	7.03	9.23	11.6	13.9	16.1	18.2	20.1	21.7	22.9	23.5	23.2
50	1.84	1.94	1.97	1.98	2.06	2.29	2.73	3.40	4.32	5.43	6.73	8.07	9.31	10.4	11.4	12.0	12.5	12.6	12.4
60	1.84	1.92	1.96	1.97	1.98	2.03	2.15	2.36	2.66	3.05	3.50	3.95	4.40	4.80	5.15	5.39	5.52	5.50	5.36
70	1.84	1.90	1.94	1.96	1.96	1.96	1.96	1.98	2.02	2.07	2.15	2.22	2.29	2.36	2.41	2.44	2.45	2.43	2.39
80	1.84	1.87	1.90	1.92	1.93	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.93	1.93
90	1.84	1.83	1.83	1.83	1.82	1.82	1.81	1.79	1.78	1.77	1.75	1.73	1.72	1.70	1.68	1.65	1.63	1.60	1.57
100	1.84	1.79	1.73	1.67	1.60	1.54	1.48	1.41	1.35	1.28	1.21	1.13	1.07	1.01	0.95	0.91	0.86	0.83	0.80
110	1.84	1.74	1.61	1.49	1.37	1.22	1.07	0.93	0.80	0.69	0.60	0.53	0.47	0.43	0.41	0.39	0.37	0.36	0.35
120	1.84	1.69	1.50	1.31	1.09	0.88	0.69	0.55	0.45	0.39	0.35	0.35	0.35	0.36	0.38	0.40	0.42	0.44	0.46
130	1.84	1.63	1.40	1.12	0.85	0.62	0.46	0.38	0.35	0.36	0.39	0.44	0.52	0.62	0.76	0.92	1.08	1.21	1.29
140	1.84	1.58	1.30	0.96	0.66	0.46	0.37	0.35	0.38	0.45	0.58	0.81	1.17	1.66	2.22	2.79	3.30	3.69	3.92
150	1.84	1.54	1.21	0.83	0.54	0.39	0.35	0.38	0.47	0.68	1.09	1.76	2.67	3.72	4.76	5.62	6.25	6.65	6.87
160	1.84	1.52	1.15	0.74	0.47	0.36	0.36	0.44	0.62	1.06	1.86	3.07	4.49	5.81	6.84	7.52	7.90	8.10	8.18
170	1.84	1.51	1.11	0.70	0.43	0.35	0.38	0.49	0.78	1.44	2.60	4.16	5.74	7.00	7.82	8.27	8.44	8.35	8.21
180	1.84	1.50	1.10	0.68	0.42	0.35	0.39	0.51	0.84	1.59	2.88	4.55	6.17	7.40	8.14	8.52	8.54	8.27	7.79

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-28

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:0.7997A P:173.7W PF:0.9851 Lamp Flux:8719.73x1 lm		
NAME: L0228-180W-60-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	7.70	8.00	8.51	8.88	9.05	8.97	8.43	7.21	5.52	3.88	2.62	1.82	1.40	1.30	1.44	1.75	2.06	2.25
-170	8.24	8.42	8.76	9.02	9.12	8.93	8.23	6.89	5.21	3.65	2.49	1.76	1.39	1.31	1.46	1.76	2.06	2.25
-160	8.94	9.01	9.07	9.07	8.88	8.33	7.29	5.86	4.36	3.08	2.18	1.62	1.35	1.32	1.50	1.79	2.07	2.25
-150	8.70	8.67	8.49	8.11	7.50	6.57	5.42	4.25	3.19	2.37	1.80	1.46	1.32	1.37	1.57	1.84	2.09	2.25
-140	6.16	6.07	5.80	5.33	4.74	4.07	3.36	2.70	2.17	1.76	1.49	1.35	1.33	1.45	1.67	1.91	2.12	2.25
-130	3.05	3.01	2.90	2.71	2.48	2.22	1.97	1.74	1.54	1.41	1.35	1.35	1.44	1.60	1.79	1.98	2.15	2.25
-120	1.61	1.61	1.59	1.56	1.51	1.46	1.41	1.38	1.37	1.38	1.43	1.52	1.64	1.78	1.93	2.06	2.18	2.25
-110	1.46	1.45	1.45	1.45	1.46	1.48	1.51	1.54	1.59	1.65	1.72	1.80	1.88	1.97	2.06	2.14	2.20	2.25
-100	1.96	1.95	1.95	1.95	1.95	1.95	1.97	1.98	2.00	2.03	2.05	2.08	2.11	2.15	2.18	2.21	2.23	2.25
-90	2.29	2.29	2.29	2.29	2.28	2.28	2.28	2.28	2.28	2.27	2.27	2.27	2.26	2.26	2.26	2.26	2.26	2.25
-80	2.55	2.53	2.52	2.50	2.49	2.47	2.45	2.43	2.41	2.39	2.37	2.35	2.32	2.29	2.29	2.28	2.27	2.25
-70	3.24	3.15	3.05	2.95	2.84	2.74	2.66	2.59	2.53	2.49	2.45	2.42	2.39	2.36	2.33	2.29	2.28	2.25
-60	6.28	5.93	5.49	4.99	4.47	3.99	3.54	3.16	2.88	2.68	2.55	2.47	2.42	2.39	2.36	2.32	2.28	2.25
-50	12.9	12.2	11.2	10.0	8.68	7.31	6.00	4.88	3.99	3.32	2.87	2.60	2.47	2.41	2.38	2.35	2.28	2.25
-40	22.6	21.1	19.3	17.3	15.1	12.7	10.3	8.10	6.16	4.63	3.56	2.90	2.57	2.43	2.39	2.36	2.29	2.25
-30	47.4	40.3	33.5	27.6	22.8	18.9	15.5	12.2	9.06	6.47	4.59	3.39	2.74	2.47	2.39	2.36	2.30	2.25
-20	259	144	79.1	49.6	35.1	26.1	20.3	15.8	11.9	8.42	5.73	3.93	2.94	2.51	2.39	2.36	2.31	2.25
-10	1770	845	303	106	53.2	34.2	24.5	18.5	13.9	9.83	6.56	4.35	3.10	2.55	2.39	2.36	2.31	2.25
0	3318	1652	559	158	64.2	38.1	26.1	19.4	14.5	10.3	6.81	4.46	3.13	2.54	2.39	2.36	2.31	2.25
10	1834	885	308	104	51.1	32.9	23.5	17.7	13.3	9.36	6.23	4.12	2.94	2.44	2.33	2.32	2.28	2.25
20	287	156	83.5	50.1	34.1	24.8	18.9	14.4	10.8	7.58	5.12	3.50	2.64	2.31	2.26	2.28	2.25	2.25
30	49.6	41.2	33.5	27.0	21.8	17.7	14.2	10.9	7.86	5.41	3.81	2.82	2.33	2.19	2.21	2.23	2.21	2.25
40	22.2	20.5	18.4	16.2	13.9	11.5	9.17	6.97	5.13	3.71	2.73	2.24	2.09	2.10	2.15	2.19	2.18	2.25
50	11.8	11.0	9.97	8.75	7.48	6.18	4.97	3.92	3.10	2.51	2.13	1.95	1.96	2.03	2.09	2.13	2.15	2.25
60	5.12	4.78	4.35	3.89	3.45	3.02	2.64	2.34	2.12	1.98	1.91	1.89	1.89	1.97	2.02	2.06	2.13	2.25
70	2.34	2.27	2.19	2.12	2.05	1.99	1.95	1.92	1.90	1.89	1.88	1.86	1.81	1.84	1.90	1.97	2.10	2.25
80	1.92	1.92	1.92	1.91	1.90	1.88	1.86	1.83	1.80	1.77	1.72	1.67	1.59	1.63	1.76	1.91	2.07	2.25
90	1.55	1.54	1.52	1.50	1.48	1.46	1.43	1.41	1.39	1.37	1.36	1.34	1.32	1.42	1.62	1.83	2.04	2.25
100	0.78	0.76	0.75	0.74	0.74	0.75	0.76	0.78	0.80	0.84	0.87	0.91	0.96	1.16	1.46	1.75	2.01	2.25
110	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.39	0.41	0.45	0.50	0.56	0.64	0.94	1.31	1.67	1.99	2.25
120	0.46	0.46	0.45	0.44	0.42	0.40	0.38	0.36	0.35	0.34	0.35	0.38	0.47	0.81	1.21	1.61	1.97	2.25
130	1.34	1.31	1.23	1.10	0.94	0.78	0.64	0.53	0.45	0.39	0.35	0.34	0.49	0.78	1.15	1.56	1.96	2.25
140	3.99	3.89	3.63	3.21	2.68	2.12	1.57	1.10	0.77	0.55	0.43	0.45	0.59	0.81	1.14	1.55	1.95	2.25
150	6.89	6.77	6.47	5.97	5.26	4.34	3.30	2.30	1.47	0.91	0.75	0.71	0.74	0.89	1.17	1.56	1.96	2.25
160	8.14	8.06	7.91	7.61	7.07	6.24	5.09	3.76	2.72	1.88	1.34	1.06	0.95	1.01	1.23	1.60	1.98	2.25
170	8.09	8.14	8.19	8.10	7.92	7.61	6.93	5.75	4.30	2.98	2.03	1.46	1.18	1.15	1.33	1.66	2.02	2.25
180	7.70	8.00	8.51	8.88	9.05	8.97	8.43	7.21	5.52	3.88	2.62	1.82	1.40	1.30	1.44	1.75	2.06	2.25

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-28

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: