

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

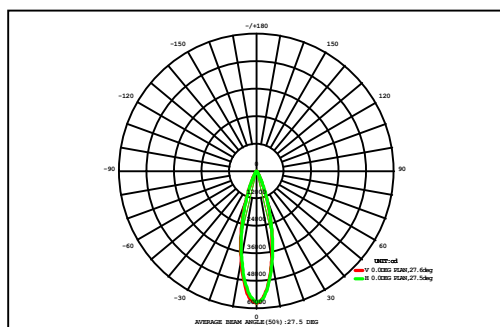
Maximum Intensity		3410.6 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	51.8V x 51.7H
	At 50% of Imax	27.5V x 27.6H
	At 90% of Imax	9.8V x 10.3H
Beam Flux	Total	1000.5 lumens per klm.
	To 10% of Imax	819.6 lumens per klm.
	To 50% of Imax	441.6 lumens per klm.
	To 90% of Imax	75.4 lumens per klm.
	Upward LOR	2.1 %
	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:2018-08-03

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:0.8064A P:174.8W PF:0.9827 Lamp Flux:16900.2x1 lm		
NAME: L0228-180W-60-4000K-HQ40D+5D-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:



DATA OF LAMP		Eff:79.56lm/W	
MODEL	CREE XPG3 4000K	Imax(cd)	57641
NOMINAL POWER(W)	180	AVAILABILITY(%)	81.9
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	13835
NOMINAL FLUX(lm)	16900.2	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	16900
TEST VOLTAGE(V)	AC 220	q @50% (H,V)	28,27DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.07	0.22	0.36	0.51	0.64	0.75	0.84	0.91	0.94	0.93	0.90	0.83	0.74	0.63	0.50	0.36	0.24	0.09	10.5	0.00
90	0.07	0.22	0.36	0.51	0.64	0.75	0.84	0.91	0.94	0.93	0.90	0.83	0.74	0.63	0.50	0.36	0.24	0.09	10.5	0.00
80	0.07	0.24	0.41	0.60	0.79	0.97	1.14	1.26	1.33	1.32	1.24	1.11	0.94	0.77	0.58	0.41	0.26	0.10	13.6	0.00
70	0.08	0.25	0.47	0.73	1.06	1.49	1.98	2.41	2.66	2.63	2.33	1.88	1.41	1.00	0.69	0.46	0.28	0.10	21.9	0.00
60	0.08	0.27	0.53	0.96	1.71	2.91	4.44	5.94	6.87	6.80	5.75	4.21	2.71	1.58	0.89	0.52	0.30	0.10	46.6	0.00
50	0.08	0.29	0.63	1.38	3.01	5.98	10.1	14.5	17.5	17.2	14.0	9.61	5.58	2.78	1.27	0.62	0.32	0.10	105	0.00
40	0.08	0.31	0.76	2.01	5.12	11.4	21.6	35.7	48.7	47.8	34.0	20.2	10.6	4.73	1.86	0.77	0.35	0.11	246	0.00
30	0.08	0.32	0.91	2.78	7.87	19.4	47.8	119	209	205	113	44.4	17.9	7.27	2.66	0.94	0.37	0.11	799	370
20	0.09	0.34	1.04	3.51	10.6	30.0	110	381	725	713	362	102	27.8	10.1	3.46	1.11	0.40	0.11	2482	2226
10	0.09	0.35	1.12	3.96	12.4	39.7	188	699	1378	1353	671	178	38.0	12.1	4.02	1.24	0.42	0.11	4580	4364
0	0.09	0.35	1.13	3.98	12.5	39.5	188	698	1356	1352	687	183	38.8	12.3	4.09	1.26	0.42	0.11	4578	4362
-10	0.09	0.35	1.09	3.60	10.7	29.8	108	367	699	698	364	107	29.4	10.6	3.65	1.18	0.41	0.11	2432	2170
-20	0.09	0.35	0.98	2.93	7.97	19.0	45.1	112	197	198	113	45.5	18.9	7.87	2.94	1.04	0.40	0.11	773	343
-30	0.09	0.34	0.85	2.20	5.26	11.1	20.6	34.1	46.6	46.8	34.5	20.8	11.1	5.21	2.18	0.89	0.38	0.11	243	0.00
-40	0.09	0.33	0.73	1.56	3.18	5.98	9.90	14.1	17.0	17.1	14.3	9.98	5.98	3.16	1.55	0.76	0.36	0.11	106	0.00
-50	0.09	0.31	0.64	1.12	1.90	3.07	4.55	6.00	6.91	6.93	6.04	4.57	3.07	1.89	1.12	0.66	0.35	0.11	49.3	0.00
-60	0.08	0.30	0.58	0.88	1.25	1.70	2.20	2.64	2.90	2.90	2.65	2.21	1.71	1.26	0.89	0.59	0.33	0.11	25.2	0.00
-70	0.08	0.29	0.54	0.76	0.98	1.20	1.39	1.53	1.61	1.62	1.54	1.40	1.21	0.99	0.77	0.54	0.32	0.11	16.9	0.00
-80	0.08	0.28	0.51	0.70	0.87	1.01	1.13	1.21	1.26	1.26	1.22	1.14	1.02	0.88	0.70	0.51	0.31	0.10	14.2	0.00
-90	0.08	0.28	0.51	0.70	0.87	1.01	1.13	1.21	1.26	1.26	1.22	1.14	1.02	0.88	0.70	0.51	0.31	0.10	14.2	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
F t	1.49	5.48	13.3	34.1	87.8	225	767	2496	4717	4673	2428	738	217	85.0	33.8	13.8	6.24	1.91	16544	---
F a	0.00	0.00	0.00	0.00	0.00	0.00	340	2201	4448	4406	2128	312	0.00	0.00	0.00	0.00	0.00	0.00	---	13835

one-half-peak spread: U:13.6,D:14.1 , L:14.0,R:13.8

NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG
H(h) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-03

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:0.8064A P:174.8W PF:0.9827 Lamp Flux:16900.2x1 lm		
NAME: L0228-180W-60-4000K-HQ40D+5D-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:

Conical surface Flux(90deg):

15986 lm

%lum = 94.5%

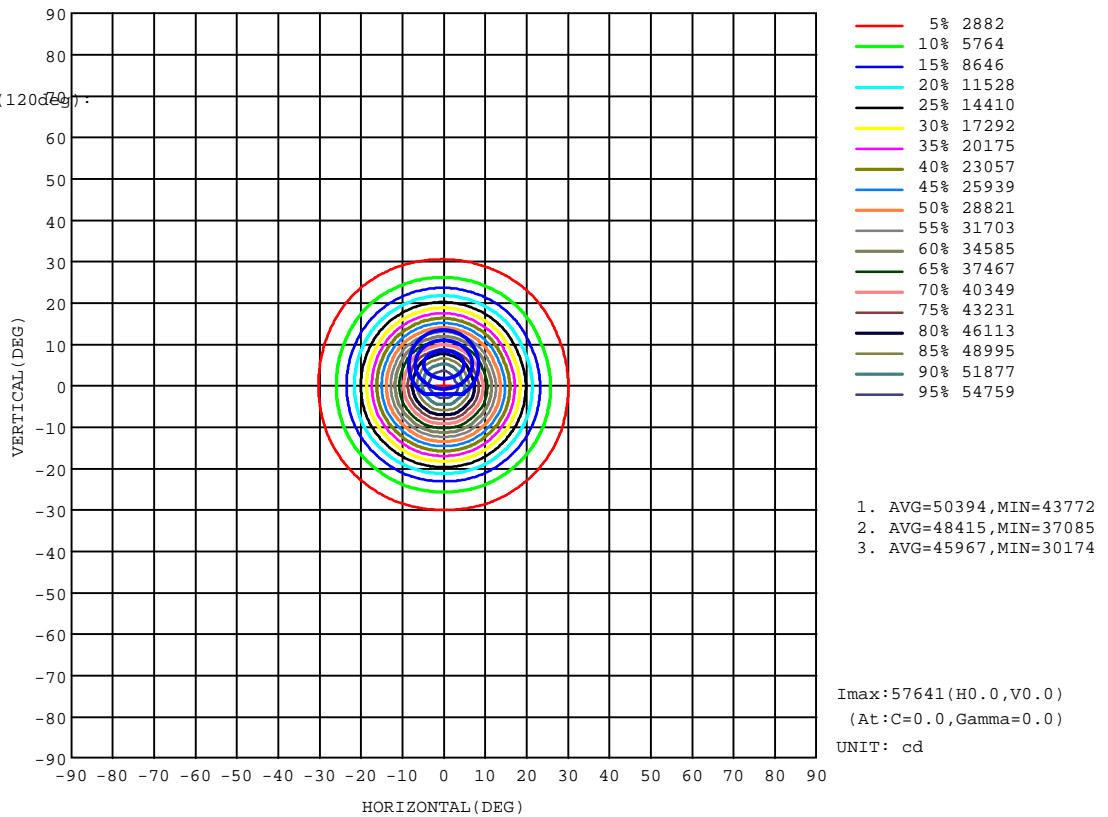
%lamp = 94.6%

Conical surface Flux(120deg):

16372 lm

%lum = 96.8%

%lamp = 96.9%



H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-08-03

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

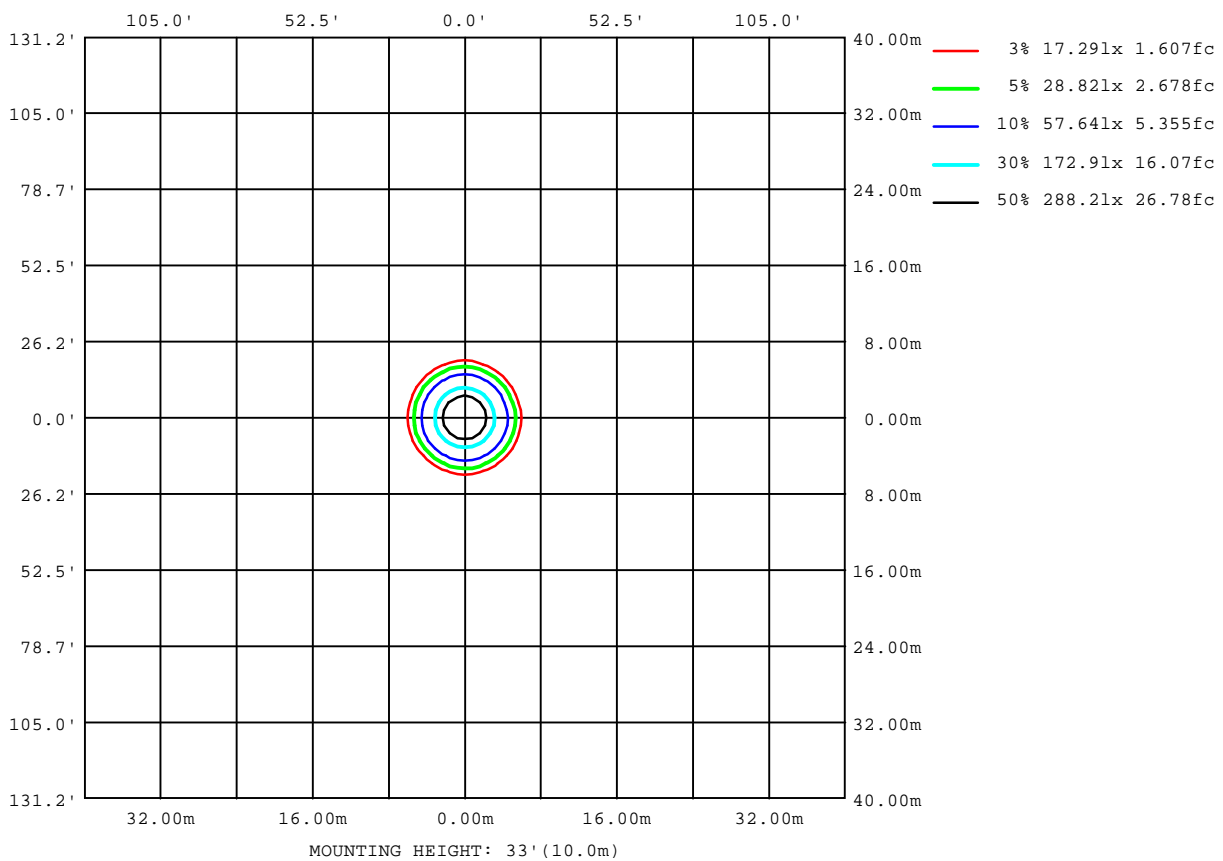
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

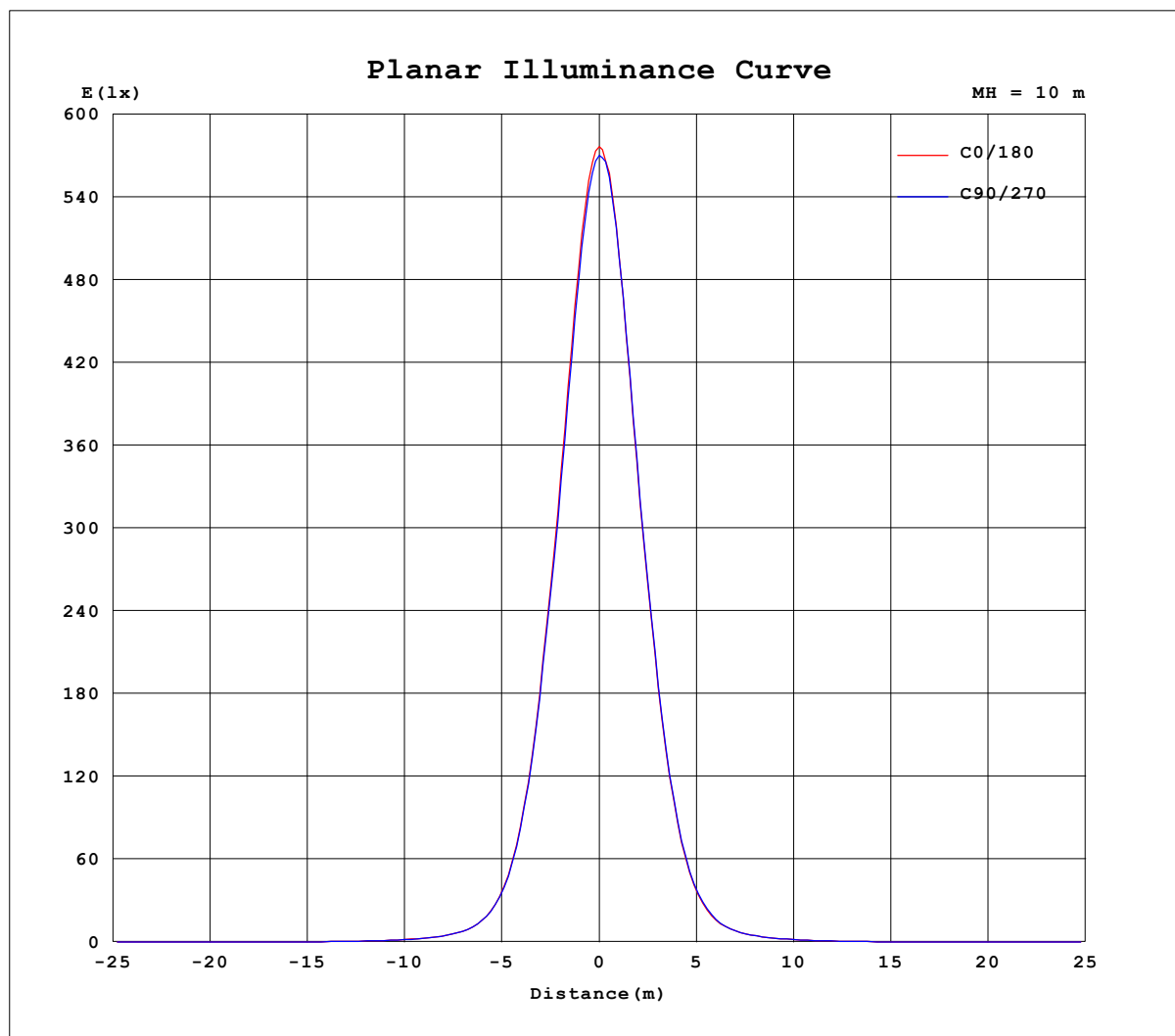
Test:U:220.6V I:0.8064A P:174.8W PF:0.9827 Lamp Flux:16900.2x1 lm		
NAME: L0228-180W-60-4000K-HQ40D+5D-XPG3	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:



H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-03

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

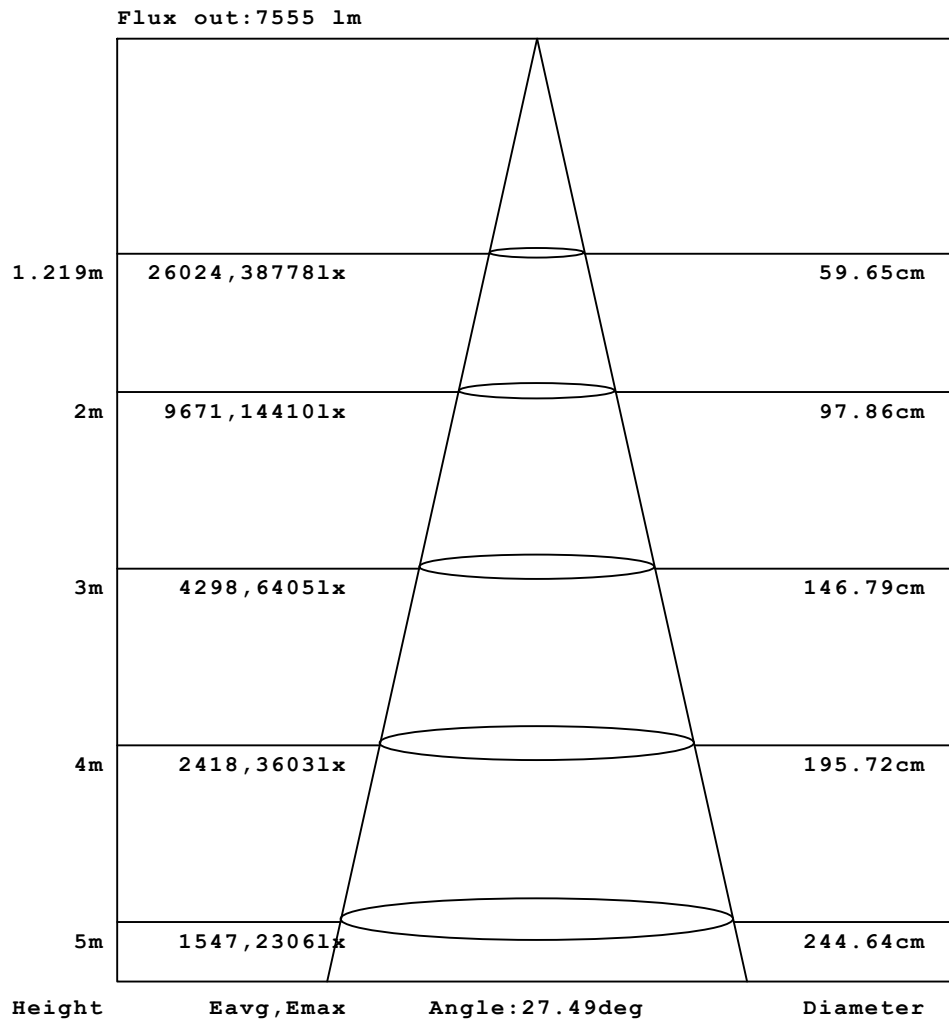


H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-03

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:0.8064A P:174.8W PF:0.9827 Lamp Flux:16900.2x1 lm		
NAME: L0228-180W-60-4000K-HQ40D+5D-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:



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: 2018-08-03

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:0.8064A P:174.8W PF:0.9827 Lamp Flux:16900.2x1 lm		
NAME: L0228-180W-60-4000K-HQ40D+5D-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:

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	2.63	2.28	1.82	1.40	1.15	1.18	1.52	2.31	3.63	5.52	7.81	10.2	12.3	13.9	14.9	15.4	15.4	15.3	15.1
-170	2.63	2.35	1.97	1.64	1.47	1.57	1.98	2.84	4.23	6.14	8.43	10.8	12.9	14.4	15.2	15.5	15.5	15.4	15.3
-160	2.63	2.42	2.14	1.91	1.81	1.92	2.31	3.10	4.37	6.08	8.15	10.1	11.9	13.3	14.3	15.0	15.3	15.4	15.5
-150	2.63	2.50	2.33	2.19	2.15	2.26	2.60	3.21	4.17	5.18	6.46	7.90	9.40	10.8	12.0	12.9	13.5	13.8	14.0
-140	2.63	2.59	2.52	2.48	2.51	2.63	2.89	3.17	3.47	4.00	4.72	5.60	6.55	7.49	8.37	9.12	9.70	10.1	10.2
-130	2.63	2.67	2.70	2.77	2.87	3.03	3.14	3.08	3.11	3.25	3.51	3.85	4.26	4.70	5.13	5.52	5.83	6.03	6.12
-120	2.63	2.74	2.87	3.02	3.21	3.44	3.35	3.23	3.14	3.10	3.09	3.12	3.19	3.27	3.37	3.47	3.55	3.61	3.64
-110	2.63	2.81	3.01	3.23	3.49	3.68	3.61	3.53	3.45	3.38	3.31	3.25	3.21	3.17	3.15	3.14	3.13	3.13	3.13
-100	2.63	2.86	3.11	3.37	3.65	3.82	3.80	3.79	3.76	3.74	3.72	3.69	3.67	3.65	3.63	3.62	3.61	3.61	3.61
-90	2.63	2.90	3.17	3.44	3.71	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.86	3.86	3.87	3.87
-80	2.63	2.98	3.30	3.60	3.88	4.05	4.10	4.15	4.19	4.24	4.29	4.33	4.38	4.42	4.46	4.49	4.52	4.53	4.54
-70	2.63	3.04	3.40	3.73	4.06	4.34	4.47	4.62	4.80	4.98	5.21	5.45	5.69	5.93	6.16	6.34	6.48	6.57	6.60
-60	2.63	3.09	3.48	3.87	4.26	4.71	5.08	5.54	6.13	6.87	7.74	8.74	9.83	10.9	12.0	12.9	13.6	14.0	14.2
-50	2.63	3.12	3.55	3.99	4.51	5.21	6.16	7.34	8.97	11.1	13.7	16.8	20.2	23.9	27.4	30.7	33.2	34.9	35.5
-40	2.63	3.14	3.60	4.11	4.81	5.92	7.72	10.3	13.8	18.6	24.7	32.2	40.9	50.7	61.2	71.3	79.8	85.8	87.9
-30	2.63	3.15	3.63	4.20	5.13	6.79	9.62	14.1	20.6	29.6	41.6	57.4	77.3	103	139	185	236	277	291
-20	2.63	3.15	3.63	4.27	5.42	7.62	11.5	18.0	27.8	42.1	63.0	92.5	141	233	399	676	1010	1287	1385
-10	2.63	3.13	3.61	4.27	5.56	8.15	12.9	20.9	33.5	52.6	81.7	132	241	504	1042	1859	2766	3547	3816
0	2.63	3.10	3.55	4.19	5.50	8.17	13.2	21.8	35.5	56.9	89.5	151	300	682	1447	2597	3960	5252	5764
10	2.63	3.09	3.54	4.16	5.40	7.92	12.6	20.6	33.2	52.5	81.7	132	244	505	1047	1892	2864	3638	3987
20	2.63	3.07	3.49	4.05	5.11	7.18	10.9	17.3	27.2	41.8	62.8	93.6	145	244	428	716	1060	1352	1466
30	2.63	3.04	3.42	3.90	4.69	6.18	8.80	13.1	19.6	29.1	41.8	58.8	80.5	109	147	196	251	293	309
40	2.63	2.99	3.33	3.71	4.27	5.19	6.75	9.18	12.8	17.9	24.5	32.7	42.2	52.6	63.5	73.7	82.5	88.4	90.2
50	2.63	2.94	3.22	3.52	3.88	4.40	5.18	6.35	8.00	10.2	13.0	16.4	20.0	23.9	27.7	31.1	33.7	35.4	35.9
60	2.63	2.88	3.10	3.32	3.55	3.83	4.18	4.64	5.24	6.00	6.92	7.95	9.07	10.2	11.3	12.3	13.0	13.4	13.6
70	2.63	2.81	2.96	3.10	3.25	3.41	3.56	3.73	3.92	4.13	4.35	4.58	4.82	5.06	5.27	5.45	5.58	5.65	5.67
80	2.63	2.73	2.81	2.88	2.95	3.02	3.10	3.16	3.23	3.29	3.35	3.40	3.45	3.49	3.53	3.55	3.57	3.58	3.57
90	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.61	2.61	2.61
100	2.63	2.58	2.53	2.48	2.41	2.35	2.29	2.22	2.16	2.10	2.04	1.99	1.95	1.91	1.88	1.85	1.83	1.82	1.82
110	2.63	2.53	2.42	2.28	2.13	1.98	1.83	1.70	1.58	1.48	1.39	1.32	1.27	1.23	1.21	1.19	1.17	1.16	1.15
120	2.63	2.48	2.29	2.06	1.83	1.62	1.44	1.30	1.20	1.15	1.14	1.15	1.20	1.26	1.33	1.40	1.46	1.49	1.50
130	2.63	2.43	2.16	1.86	1.58	1.35	1.21	1.14	1.16	1.27	1.46	1.73	2.06	2.42	2.78	3.10	3.35	3.51	3.56
140	2.63	2.38	2.04	1.69	1.39	1.20	1.14	1.22	1.47	1.89	2.49	3.24	4.11	5.01	5.86	6.61	7.18	7.53	7.64
150	2.63	2.34	1.94	1.55	1.27	1.14	1.20	1.50	2.08	2.96	4.14	5.54	7.05	8.51	9.80	10.8	11.5	12.0	12.1
160	2.63	2.31	1.87	1.47	1.20	1.14	1.34	1.87	2.81	4.19	5.93	7.92	9.86	11.6	12.9	13.8	14.4	14.6	14.7
170	2.63	2.29	1.83	1.41	1.17	1.17	1.47	2.19	3.41	5.15	7.29	9.59	11.7	13.3	14.5	15.1	15.3	15.2	15.2
180	2.63	2.28	1.82	1.40	1.15	1.18	1.52	2.31	3.63	5.52	7.81	10.2	12.3	13.9	14.9	15.4	15.4	15.3	15.2

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-08-03

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:0.8064A P:174.8W PF:0.9827 Lamp Flux:16900.2x1 lm		
NAME: L0228-180W-60-4000K-HQ40D+5D-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:

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	15.3	15.5	15.7	15.7	15.1	14.0	12.3	10.2	7.99	6.07	4.57	3.61	3.17	3.14	3.35	3.65	3.86	3.90
-170	15.4	15.6	15.6	15.4	14.8	13.6	11.8	9.73	7.64	5.83	4.43	3.55	3.16	3.15	3.37	3.65	3.86	3.90
-160	15.5	15.4	15.1	14.5	13.5	12.1	10.3	8.44	6.67	5.17	4.05	3.38	3.13	3.18	3.40	3.68	3.87	3.90
-150	13.9	13.5	13.0	12.1	11.0	9.59	8.10	6.66	5.35	4.31	3.59	3.21	3.12	3.24	3.47	3.71	3.87	3.90
-140	10.1	9.75	9.20	8.47	7.61	6.68	5.73	4.84	4.10	3.56	3.23	3.12	3.17	3.34	3.56	3.76	3.88	3.90
-130	6.05	5.86	5.56	5.19	4.77	4.33	3.92	3.57	3.31	3.16	3.12	3.17	3.30	3.48	3.66	3.81	3.89	3.90
-120	3.62	3.57	3.49	3.39	3.30	3.21	3.15	3.12	3.13	3.17	3.25	3.37	3.51	3.64	3.76	3.85	3.90	3.90
-110	3.13	3.14	3.14	3.16	3.18	3.22	3.27	3.33	3.39	3.47	3.55	3.64	3.71	3.79	3.84	3.88	3.90	3.90
-100	3.61	3.62	3.63	3.64	3.66	3.68	3.71	3.74	3.77	3.79	3.82	3.84	3.86	3.87	3.89	3.89	3.90	3.90
-90	3.87	3.87	3.87	3.87	3.87	3.88	3.88	3.88	3.89	3.89	3.88	3.88	3.88	3.89	3.89	3.89	3.90	3.90
-80	4.54	4.53	4.52	4.49	4.46	4.42	4.38	4.33	4.28	4.23	4.18	4.13	4.09	4.05	4.01	3.98	3.94	3.90
-70	6.58	6.50	6.37	6.19	5.97	5.74	5.50	5.27	5.04	4.85	4.67	4.51	4.37	4.24	4.14	4.05	3.98	3.90
-60	14.1	13.6	12.9	12.0	10.9	9.84	8.76	7.77	6.89	6.16	5.57	5.12	4.76	4.50	4.30	4.14	4.02	3.90
-50	35.0	33.4	30.9	27.7	24.0	20.3	16.8	13.6	11.0	8.92	7.32	6.16	5.35	4.82	4.47	4.23	4.05	3.90
-40	86.2	80.6	72.3	61.9	51.2	41.2	32.2	24.6	18.5	13.7	10.2	7.78	6.19	5.23	4.66	4.31	4.08	3.90
-30	279	239	187	140	104	77.6	57.2	41.3	29.3	20.3	14.1	9.86	7.22	5.68	4.84	4.39	4.11	3.90
-20	1288	1012	677	402	234	140	91.3	61.8	41.6	27.7	18.2	12.0	8.25	6.12	5.01	4.45	4.13	3.90
-10	3542	2785	1829	1017	495	239	129	80.2	51.9	33.6	21.4	13.7	9.02	6.44	5.13	4.49	4.14	3.90
0	5189	3893	2554	1406	655	291	148	87.7	56.0	35.8	22.6	14.3	9.29	6.54	5.17	4.50	4.14	3.90
10	3583	2759	1786	968	464	227	124	77.5	50.3	32.5	20.7	13.2	8.68	6.21	4.99	4.41	4.09	3.90
20	1328	1023	685	400	225	134	86.1	57.8	38.9	25.8	16.8	11.0	7.60	5.70	4.74	4.29	4.04	3.90
30	288	242	186	138	102	74.9	54.6	38.6	26.7	18.0	12.3	8.59	6.35	5.11	4.47	4.15	3.98	3.90
40	87.1	80.0	70.6	60.4	49.7	39.5	30.5	22.7	16.5	11.8	8.43	6.36	5.19	4.54	4.19	4.01	3.92	3.90
50	35.0	33.0	30.1	26.5	22.7	18.8	15.2	12.1	9.42	7.38	5.87	4.83	4.31	4.06	3.93	3.86	3.85	3.90
60	13.3	12.7	11.8	10.8	9.67	8.53	7.43	6.44	5.59	4.90	4.37	3.97	3.70	3.68	3.68	3.71	3.79	3.90
70	5.60	5.48	5.30	5.09	4.86	4.62	4.38	4.16	3.95	3.77	3.60	3.45	3.31	3.35	3.45	3.57	3.73	3.90
80	3.56	3.54	3.51	3.48	3.44	3.39	3.34	3.28	3.22	3.16	3.10	3.03	2.96	3.03	3.23	3.44	3.66	3.90
90	2.60	2.60	2.60	2.59	2.59	2.59	2.58	2.58	2.58	2.58	2.58	2.57	2.57	2.72	3.02	3.31	3.61	3.90
100	1.82	1.82	1.84	1.86	1.88	1.92	1.96	2.00	2.05	2.11	2.16	2.23	2.29	2.54	2.92	3.28	3.60	3.90
110	1.16	1.16	1.17	1.19	1.21	1.25	1.29	1.36	1.43	1.53	1.64	1.77	1.91	2.34	2.82	3.25	3.60	3.90
120	1.49	1.45	1.40	1.32	1.25	1.18	1.13	1.11	1.12	1.17	1.26	1.39	1.60	2.19	2.74	3.23	3.61	3.90
130	3.51	3.35	3.10	2.78	2.42	2.06	1.72	1.45	1.26	1.14	1.11	1.17	1.56	2.12	2.70	3.22	3.63	3.90
140	7.53	7.18	6.62	5.87	5.02	4.12	3.26	2.51	1.90	1.47	1.21	1.30	1.68	2.17	2.72	3.25	3.66	3.90
150	12.0	11.5	10.8	9.80	8.51	7.06	5.57	4.17	2.99	2.10	1.80	1.76	1.95	2.32	2.80	3.30	3.70	3.90
160	14.6	14.3	13.7	12.8	11.5	9.87	7.95	6.02	4.63	3.51	2.76	2.37	2.32	2.54	2.94	3.39	3.74	3.90
170	15.1	15.1	14.9	14.3	13.4	12.1	10.4	8.48	6.56	4.95	3.75	3.02	2.74	2.83	3.13	3.51	3.80	3.90
180	15.3	15.5	15.7	15.7	15.1	14.0	12.3	10.2	7.99	6.07	4.57	3.61	3.17	3.14	3.35	3.65	3.86	3.90

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-08-03

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: