

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

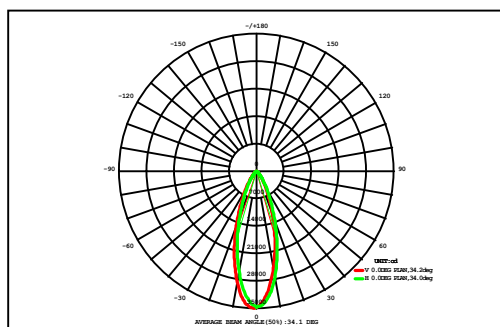
Maximum Intensity		2123.1 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	68.7V x 69.0H
	At 50% of Imax	34.0V x 34.2H
	At 90% of Imax	12.1V x 12.6H
Beam Flux	Total	1000.3 lumens per klm.
	To 10% of Imax	827.4 lumens per klm.
	To 50% of Imax	412.7 lumens per klm.
	To 90% of Imax	73.0 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:0.8084A P:175.3W PF:0.9825 Lamp Flux:16424.7x1 lm		
NAME: L0228-180W-60-4000K-HQ60D+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:74.29lm/W	
MODEL	CREE XPG3 4000K	Imax(cd)	34872
NOMINAL POWER(W)	180	AVAILABILITY(%)	82.8
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	13592
NOMINAL FLUX(lm)	16424.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	16425
TEST VOLTAGE(V)	AC 220	q @50% (H,V)	34,34DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.06	0.19	0.32	0.45	0.58	0.69	0.77	0.83	0.85	0.84	0.79	0.72	0.63	0.52	0.41	0.29	0.20	0.08	9.22	0.00
90	0.06	0.19	0.32	0.45	0.58	0.69	0.77	0.83	0.85	0.84	0.79	0.72	0.63	0.52	0.41	0.29	0.20	0.08	9.22	0.00
80	0.06	0.22	0.41	0.64	0.91	1.18	1.42	1.59	1.66	1.62	1.46	1.24	1.00	0.76	0.54	0.35	0.22	0.08	15.4	0.00
70	0.07	0.25	0.54	0.96	1.57	2.35	3.20	3.93	4.28	4.12	3.51	2.69	1.89	1.24	0.77	0.45	0.25	0.08	32.2	0.00
60	0.07	0.30	0.72	1.52	3.01	5.38	8.35	11.2	12.7	12.2	9.89	6.90	4.19	2.28	1.16	0.58	0.29	0.09	80.8	0.00
50	0.08	0.34	0.96	2.48	5.88	12.2	21.2	30.8	36.7	35.3	27.3	17.5	9.44	4.38	1.83	0.77	0.33	0.09	208	0.00
40	0.08	0.39	1.28	3.91	10.7	25.3	50.4	81.8	104	99.7	71.8	41.2	19.5	7.94	2.84	1.01	0.37	0.09	523	151
30	0.08	0.44	1.62	5.66	17.4	46.9	109	201	273	258	173	87.3	35.8	12.9	4.18	1.29	0.42	0.10	1228	1018
20	0.09	0.48	1.92	7.33	24.6	74.7	196	411	600	563	343	153	56.0	18.4	5.52	1.55	0.45	0.10	2459	2297
10	0.09	0.50	2.10	8.37	29.6	96.0	271	610	928	863	506	209	72.3	22.4	6.42	1.72	0.48	0.10	3627	3482
0	0.09	0.50	2.11	8.31	29.2	94.4	265	595	901	851	505	210	72.7	22.6	6.50	1.75	0.49	0.10	3566	3420
-10	0.09	0.49	1.93	7.21	23.9	71.2	184	383	564	536	334	153	57.0	18.9	5.74	1.63	0.47	0.10	2342	2178
-20	0.09	0.46	1.65	5.54	16.6	43.8	99.9	184	252	242	166	85.5	36.3	13.5	4.51	1.41	0.45	0.10	1154	933
-30	0.09	0.42	1.32	3.87	10.2	23.4	46.1	75.4	96.0	93.2	69.4	40.7	20.0	8.50	3.21	1.16	0.41	0.10	493	115
-40	0.08	0.38	1.04	2.52	5.65	11.3	19.6	28.6	34.2	33.5	26.9	17.8	9.93	4.84	2.15	0.92	0.38	0.10	200	0.00
-50	0.08	0.34	0.81	1.62	3.01	5.17	7.93	10.6	12.1	11.9	10.1	7.32	4.64	2.66	1.43	0.74	0.34	0.10	81.0	0.00
-60	0.08	0.30	0.65	1.09	1.69	2.45	3.29	4.02	4.41	4.35	3.86	3.10	2.27	1.55	1.00	0.60	0.31	0.09	35.1	0.00
-70	0.07	0.27	0.53	0.80	1.09	1.38	1.65	1.85	1.96	1.94	1.81	1.59	1.32	1.03	0.75	0.50	0.29	0.09	18.9	0.00
-80	0.07	0.25	0.46	0.64	0.81	0.95	1.07	1.15	1.19	1.18	1.14	1.05	0.93	0.78	0.62	0.45	0.27	0.09	13.1	0.00
-90	0.06	0.19	0.32	0.45	0.58	0.69	0.77	0.83	0.85	0.84	0.79	0.72	0.63	0.52	0.41	0.29	0.20	0.08	9.22	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
F t	1.41	6.51	20.4	62.9	186	519	1290	2636	3828	3614	2254	1040	406	145	49.6	17.2	6.40	1.70	16085	---
F a	0.00	0.00	0.00	0.00	0.00	185	1056	2425	3626	3411	2038	787	65.2	0.00	0.00	0.00	0.00	0.00	---	13592

one-half-peak spread: U:16.6,D:17.6 , L:17.7,R:16.8

NEMA Beam Type: Type 4

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

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:0.8084A P:175.3W PF:0.9825 Lamp Flux:16424.7x1 lm		
NAME: L0228-180W-60-4000K-HQ60D+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):

15117 lm

%lum = 92.0%

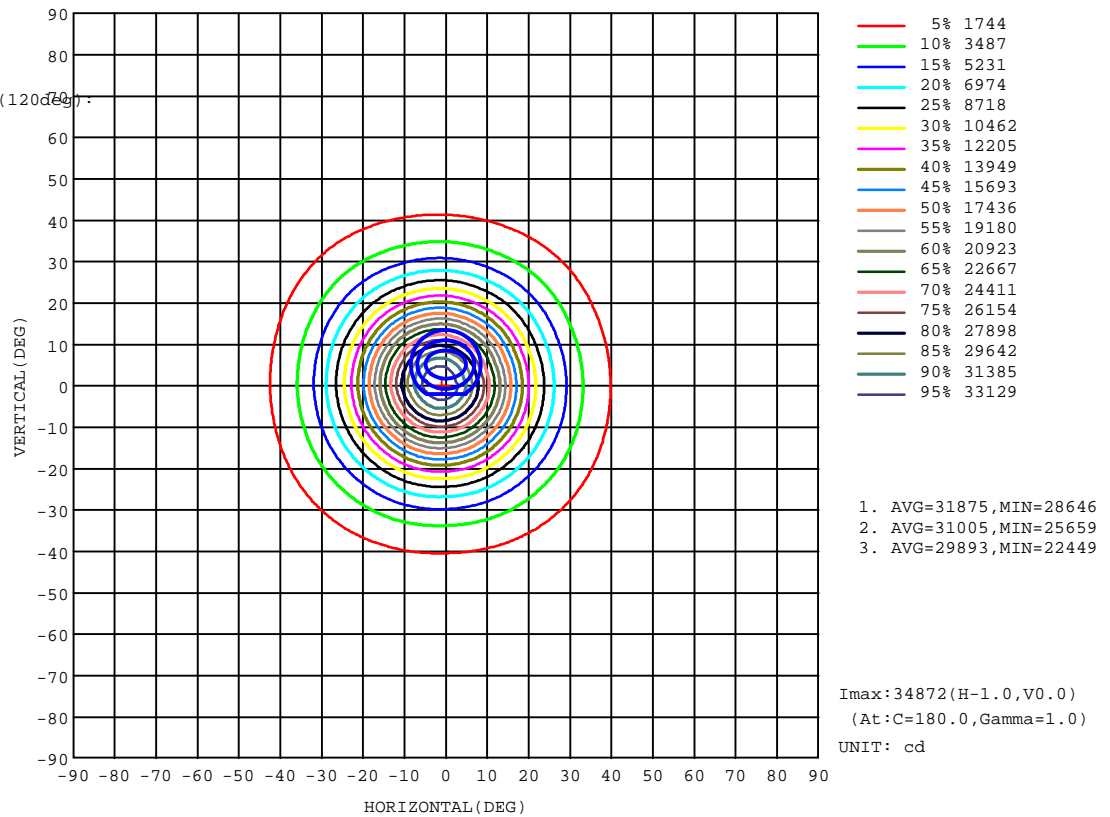
%lamp = 92.0%

Conical surface Flux(120deg):

15848 lm

%lum = 96.5%

%lamp = 96.5%



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

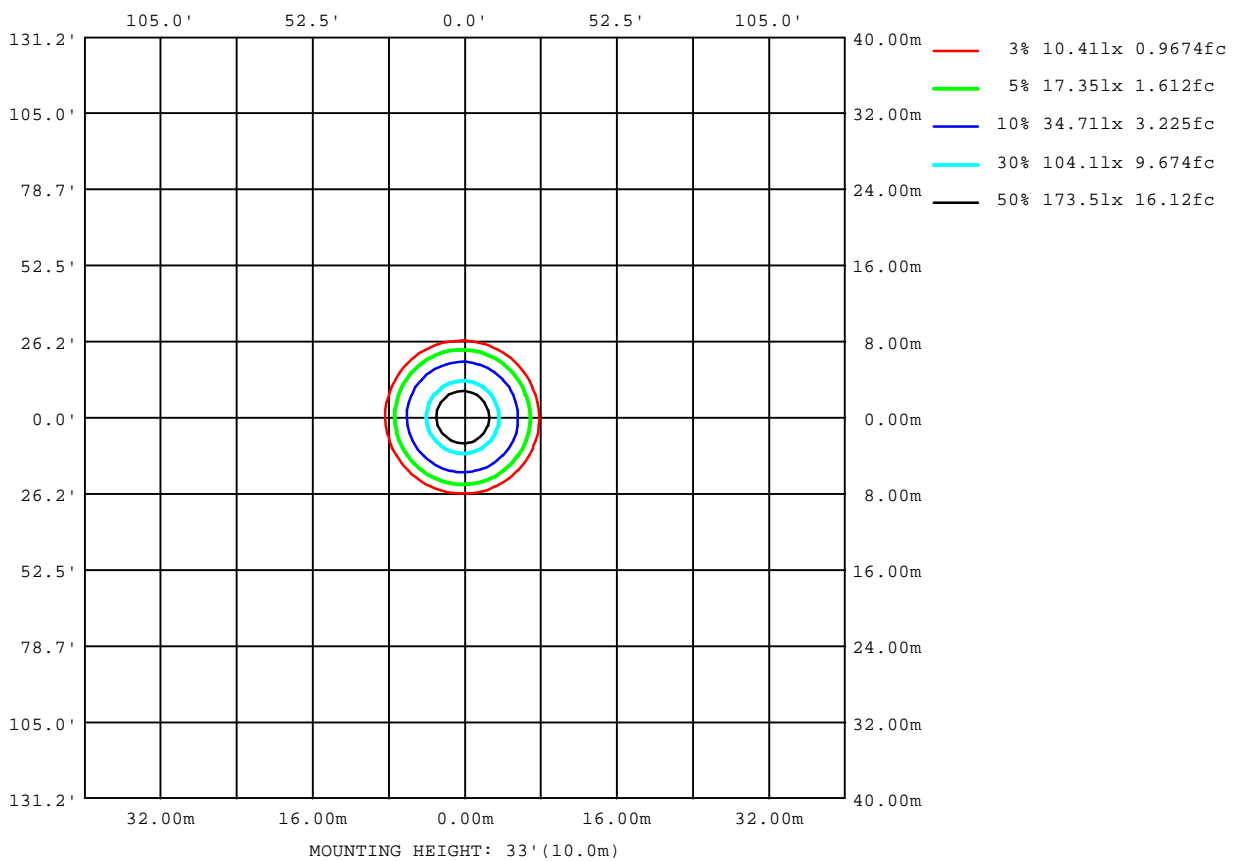
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

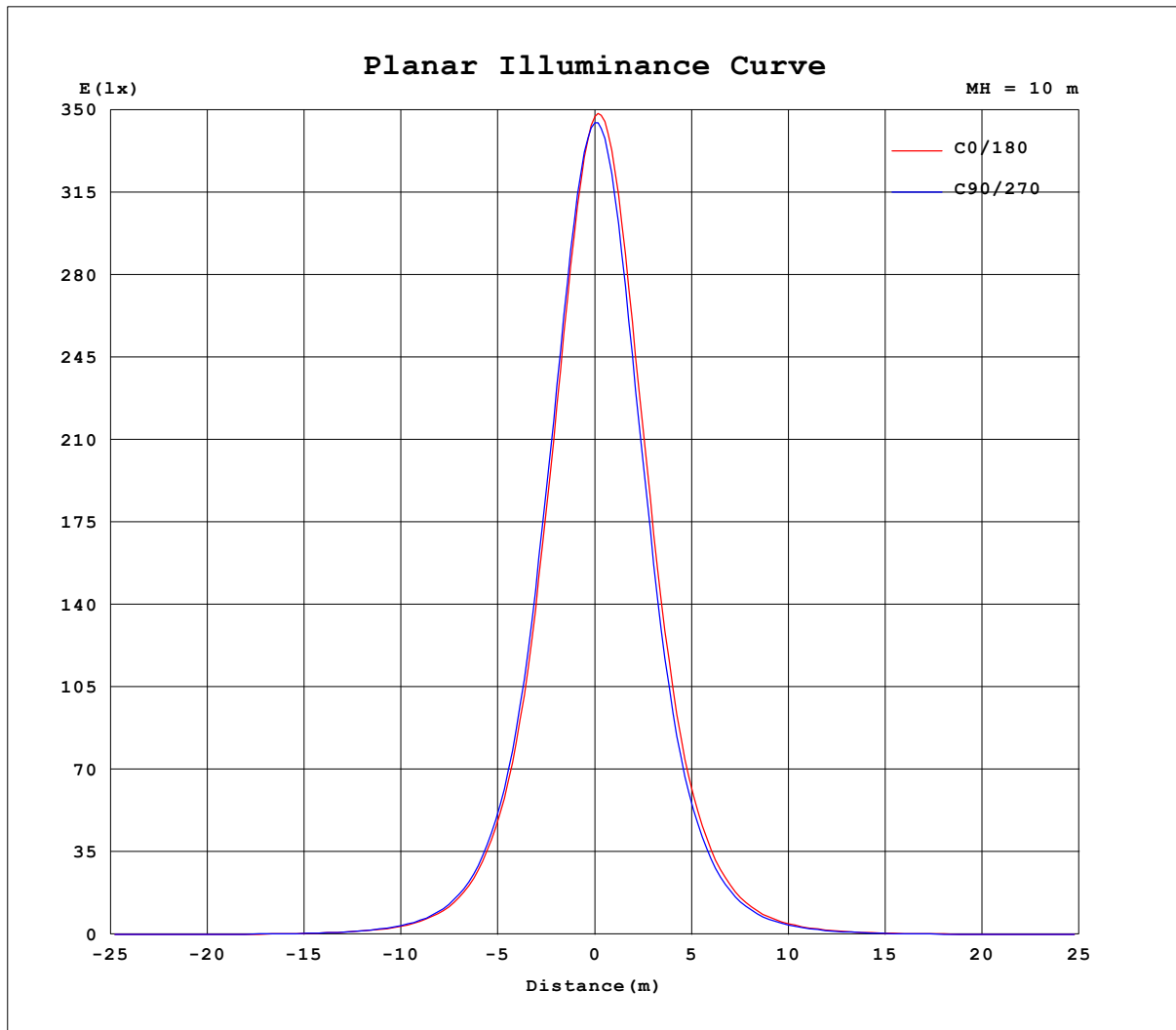
Test:U:220.6V I:0.8084A P:175.3W PF:0.9825 Lamp Flux:16424.7x1 lm		
NAME: L0228-180W-60-4000K-HQ60D+5D-XPG3	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:



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

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

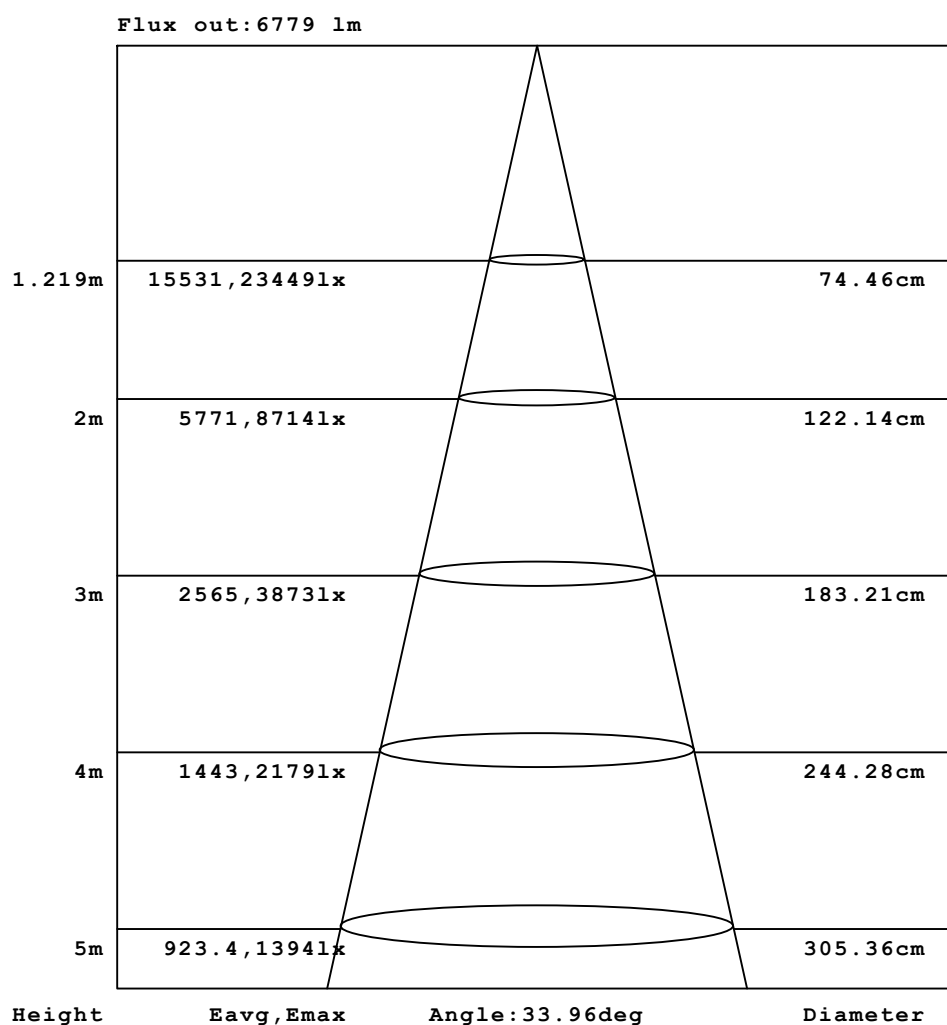


H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-08-04

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:

AAI Figure

Test:U:220.6V I:0.8084A P:175.3W PF:0.9825 Lamp Flux:16424.7x1 lm		
NAME: L0228-180W-60-4000K-HQ60D+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: 2018-08-04

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:0.8084A P:175.3W PF:0.9825 Lamp Flux:16424.7x1 lm		
NAME: L0228-180W-60-4000K-HQ60D+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	2.27	2.07	1.89	1.73	1.69	1.83	2.21	2.91	3.95	5.31	6.91	8.61	10.2	11.6	12.6	13.3	13.7	14.0	14.0
-170	2.27	2.12	2.01	1.93	1.96	2.17	2.61	3.35	4.44	5.82	7.42	9.10	10.7	12.0	12.8	13.4	13.7	13.8	13.9
-160	2.27	2.18	2.14	2.12	2.21	2.45	2.90	3.60	4.60	5.85	7.31	8.65	9.93	11.0	11.9	12.6	13.0	13.3	13.4
-150	2.27	2.23	2.26	2.32	2.45	2.70	3.10	3.70	4.49	5.26	6.18	7.20	8.25	9.25	10.1	10.8	11.3	11.7	11.8
-140	2.27	2.29	2.38	2.50	2.67	2.92	3.27	3.62	3.94	4.38	4.95	5.60	6.30	7.00	7.65	8.21	8.66	8.97	9.12
-130	2.27	2.34	2.49	2.66	2.87	3.13	3.35	3.41	3.54	3.73	3.98	4.29	4.64	5.01	5.36	5.67	5.93	6.12	6.21
-120	2.27	2.38	2.58	2.80	3.04	3.31	3.34	3.34	3.35	3.40	3.46	3.56	3.67	3.78	3.90	4.01	4.11	4.18	4.23
-110	2.27	2.41	2.65	2.90	3.17	3.38	3.37	3.36	3.36	3.35	3.35	3.35	3.36	3.37	3.39	3.41	3.42	3.43	3.44
-100	2.27	2.45	2.69	2.96	3.23	3.39	3.39	3.40	3.40	3.41	3.40	3.40	3.39	3.39	3.39	3.39	3.39	3.40	3.40
-90	2.27	2.52	2.78	3.04	3.29	3.42	3.42	3.42	3.42	3.42	3.42	3.41	3.41	3.41	3.41	3.41	3.41	3.42	3.42
-80	2.27	2.60	2.94	3.27	3.60	3.83	3.93	4.03	4.13	4.23	4.34	4.43	4.52	4.59	4.65	4.70	4.73	4.74	4.73
-70	2.27	2.68	3.11	3.58	4.07	4.53	4.87	5.25	5.65	6.08	6.54	7.02	7.50	7.95	8.34	8.65	8.86	8.96	8.95
-60	2.27	2.76	3.32	3.96	4.69	5.56	6.39	7.40	8.63	10.1	11.7	13.6	15.6	17.6	19.5	21.1	22.2	22.9	22.9
-50	2.27	2.82	3.53	4.39	5.48	6.91	8.79	11.2	14.4	18.5	23.7	29.9	36.7	43.9	50.9	57.4	62.2	64.8	65.1
-40	2.27	2.89	3.72	4.84	6.41	8.74	12.2	17.3	24.4	34.4	47.4	63.9	83.7	106	130	153	171	183	184
-30	2.27	2.93	3.89	5.27	7.41	10.9	16.6	25.5	39.1	59.1	87.1	126	177	241	318	398	468	510	516
-20	2.27	2.96	4.01	5.62	8.35	13.1	21.2	34.7	56.4	90.1	142	220	335	493	687	909	1128	1279	1307
-10	2.27	2.96	4.06	5.84	8.99	14.7	24.9	42.4	71.6	119	197	326	525	809	1217	1717	2191	2527	2595
0	2.27	2.93	4.03	5.85	9.15	15.3	26.3	45.6	78.4	133	226	383	632	1002	1555	2217	2877	3368	3471
10	2.27	2.92	3.99	5.74	8.89	14.6	25.0	42.9	72.7	122	203	336	546	849	1277	1806	2315	2656	2732
20	2.27	2.88	3.87	5.43	8.14	12.9	21.2	35.4	58.2	93.7	149	234	360	535	751	990	1218	1378	1412
30	2.27	2.82	3.69	4.99	7.09	10.6	16.4	25.9	40.5	62.0	92.6	135	193	266	349	433	506	554	563
40	2.27	2.73	3.45	4.46	5.95	8.25	11.8	17.2	25.0	36.0	50.5	69.2	91.2	116	141	165	185	197	199
50	2.27	2.64	3.19	3.92	4.90	6.24	8.14	10.8	14.3	18.9	24.8	31.7	39.2	47.1	54.7	61.3	66.3	68.9	68.8
60	2.27	2.55	2.92	3.41	4.00	4.72	5.62	6.72	8.08	9.72	11.6	13.6	15.8	17.9	19.9	21.5	22.6	23.2	23.1
70	2.27	2.45	2.67	2.94	3.26	3.61	3.99	4.41	4.88	5.36	5.86	6.34	6.81	7.24	7.61	7.89	8.07	8.12	8.06
80	2.27	2.35	2.45	2.55	2.66	2.78	2.91	3.04	3.17	3.29	3.40	3.49	3.58	3.65	3.69	3.72	3.72	3.71	3.68
90	2.27	2.27	2.26	2.26	2.26	2.26	2.25	2.25	2.24	2.24	2.23	2.22	2.21	2.20	2.19	2.18	2.17	2.16	2.15
100	2.27	2.19	2.16	2.14	2.12	2.10	2.07	2.04	2.02	1.99	1.97	1.94	1.92	1.91	1.89	1.87	1.85	1.84	1.83
110	2.27	2.16	2.12	2.07	2.02	1.96	1.90	1.84	1.79	1.75	1.72	1.70	1.68	1.68	1.67	1.67	1.67	1.67	1.67
120	2.27	2.14	2.07	1.99	1.90	1.82	1.75	1.70	1.68	1.69	1.73	1.79	1.87	1.96	2.05	2.14	2.21	2.25	2.28
130	2.27	2.12	2.03	1.91	1.80	1.72	1.69	1.71	1.80	1.95	2.16	2.43	2.74	3.07	3.38	3.66	3.89	4.05	4.12
140	2.27	2.10	1.98	1.84	1.73	1.69	1.73	1.88	2.16	2.56	3.08	3.69	4.36	5.05	5.70	6.28	6.73	7.03	7.16
150	2.27	2.09	1.94	1.79	1.70	1.71	1.86	2.19	2.72	3.44	4.33	5.36	6.45	7.51	8.48	9.29	9.88	10.3	10.4
160	2.27	2.08	1.92	1.76	1.69	1.76	2.03	2.54	3.31	4.35	5.61	7.01	8.42	9.71	10.8	11.6	12.2	12.6	12.7
170	2.27	2.07	1.90	1.74	1.69	1.81	2.16	2.81	3.77	5.04	6.56	8.18	9.75	11.1	12.2	12.9	13.4	13.6	13.7
180	2.27	2.07	1.89	1.73	1.69	1.83	2.21	2.91	3.95	5.31	6.91	8.61	10.2	11.6	12.6	13.3	13.7	14.0	14.1

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:0.8084A P:175.3W PF:0.9825 Lamp Flux:16424.7x1 lm		
NAME: L0228-180W-60-4000K-HQ60D+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	14.0	13.9	13.8	13.4	12.9	12.0	10.8	9.33	7.82	6.41	5.22	4.33	3.76	3.46	3.37	3.38	3.41	3.40
-170	13.9	13.8	13.6	13.2	12.6	11.7	10.5	9.04	7.58	6.24	5.11	4.27	3.73	3.45	3.37	3.39	3.42	3.40
-160	13.4	13.2	12.9	12.4	11.6	10.7	9.47	8.17	6.88	5.73	4.78	4.08	3.65	3.42	3.37	3.39	3.42	3.40
-150	11.8	11.6	11.2	10.6	9.86	8.93	7.90	6.86	5.88	5.02	4.32	3.83	3.54	3.39	3.37	3.40	3.42	3.40
-140	9.09	8.90	8.57	8.09	7.50	6.84	6.14	5.44	4.81	4.28	3.87	3.60	3.44	3.37	3.38	3.40	3.42	3.40
-130	6.20	6.10	5.92	5.65	5.33	4.98	4.62	4.28	3.97	3.73	3.55	3.44	3.38	3.37	3.39	3.41	3.42	3.40
-120	4.23	4.20	4.13	4.04	3.93	3.82	3.70	3.60	3.51	3.44	3.39	3.38	3.37	3.38	3.41	3.42	3.42	3.40
-110	3.45	3.45	3.44	3.43	3.42	3.40	3.39	3.38	3.38	3.38	3.38	3.39	3.40	3.41	3.42	3.42	3.41	3.40
-100	3.40	3.40	3.40	3.40	3.41	3.41	3.42	3.42	3.43	3.43	3.43	3.43	3.43	3.42	3.42	3.42	3.41	3.40
-90	3.42	3.42	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.42	3.42	3.42	3.42	3.41	3.41	3.40	3.40
-80	4.71	4.67	4.62	4.55	4.47	4.37	4.27	4.15	4.04	3.93	3.83	3.73	3.64	3.57	3.50	3.44	3.40	3.40
-70	8.86	8.67	8.38	8.00	7.56	7.09	6.61	6.13	5.68	5.26	4.88	4.52	4.22	3.94	3.72	3.56	3.43	3.40
-60	22.5	21.6	20.2	18.4	16.4	14.4	12.4	10.6	9.08	7.77	6.68	5.80	5.08	4.49	4.04	3.70	3.48	3.40
-50	63.7	60.1	54.5	47.5	40.2	33.0	26.4	20.8	16.1	12.5	9.74	7.72	6.25	5.19	4.43	3.88	3.54	3.40
-40	178	163	143	119	95.2	73.6	55.2	40.4	29.1	20.6	14.6	10.5	7.74	5.99	4.84	4.06	3.58	3.40
-30	492	437	362	282	210	151	106	72.4	48.5	32.0	21.0	13.9	9.48	6.82	5.23	4.23	3.63	3.40
-20	1221	1033	805	591	415	277	179	114	72.4	45.2	28.0	17.4	11.2	7.59	5.56	4.37	3.66	3.40
-10	2388	1961	1465	1002	660	418	255	154	93.4	56.1	33.5	20.1	12.4	8.11	5.78	4.45	3.69	3.40
0	3130	2510	1837	1226	777	480	289	171	102	60.1	35.5	21.0	12.8	8.27	5.84	4.48	3.69	3.40
10	2474	2023	1484	999	652	412	252	152	91.8	54.9	32.7	19.5	12.0	7.86	5.62	4.36	3.64	3.40
20	1295	1079	837	610	420	276	176	111	69.4	43.0	26.3	16.3	10.4	7.10	5.25	4.18	3.57	3.40
30	528	459	376	291	214	151	104	69.6	45.7	29.4	18.9	12.4	8.48	6.16	4.79	3.96	3.49	3.40
40	189	170	146	120	94.9	72.3	53.1	38.1	26.6	18.3	12.5	8.84	6.60	5.19	4.30	3.71	3.41	3.40
50	66.1	61.1	54.2	46.5	38.8	31.2	24.4	18.7	14.2	10.7	8.05	6.18	5.04	4.31	3.80	3.47	3.33	3.40
60	22.3	20.9	19.1	17.0	14.9	12.8	10.8	8.97	7.49	6.26	5.27	4.46	3.85	3.56	3.34	3.23	3.24	3.40
70	7.85	7.54	7.14	6.67	6.19	5.72	5.25	4.79	4.36	3.99	3.64	3.32	3.01	2.93	2.96	3.04	3.17	3.40
80	3.63	3.56	3.48	3.38	3.29	3.19	3.08	2.97	2.86	2.75	2.63	2.52	2.42	2.48	2.68	2.88	3.12	3.40
90	2.15	2.14	2.14	2.13	2.13	2.12	2.12	2.11	2.10	2.10	2.10	2.10	2.10	2.24	2.53	2.82	3.11	3.40
100	1.83	1.83	1.83	1.83	1.84	1.85	1.86	1.87	1.88	1.90	1.92	1.95	1.97	2.18	2.50	2.82	3.12	3.40
110	1.67	1.66	1.65	1.65	1.65	1.64	1.64	1.64	1.66	1.69	1.73	1.77	1.82	2.13	2.49	2.82	3.13	3.40
120	2.28	2.25	2.19	2.11	2.02	1.92	1.83	1.75	1.69	1.65	1.64	1.65	1.74	2.13	2.50	2.85	3.15	3.40
130	4.11	4.01	3.83	3.58	3.28	2.96	2.63	2.33	2.07	1.87	1.72	1.65	1.86	2.20	2.56	2.89	3.17	3.40
140	7.13	6.93	6.57	6.06	5.45	4.78	4.09	3.43	2.85	2.37	2.01	1.94	2.11	2.36	2.66	2.96	3.21	3.40
150	10.4	10.1	9.62	8.93	8.05	7.03	5.95	4.88	3.90	3.08	2.69	2.50	2.47	2.58	2.79	3.04	3.25	3.40
160	12.6	12.4	11.9	11.2	10.2	9.07	7.73	6.34	5.26	4.33	3.62	3.15	2.90	2.86	2.97	3.14	3.30	3.40
170	13.6	13.4	13.0	12.4	11.6	10.7	9.48	8.12	6.75	5.51	4.51	3.79	3.35	3.16	3.16	3.26	3.36	3.40
180	14.0	13.9	13.8	13.4	12.9	12.0	10.8	9.33	7.82	6.41	5.22	4.33	3.76	3.46	3.37	3.38	3.41	3.40

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: