

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

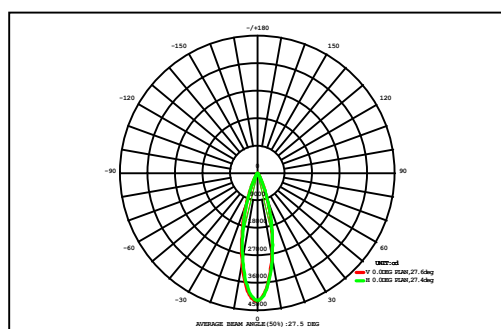
Maximum Intensity		3393.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	52.0V x 52.2H
	At 50% of Imax	27.4V x 27.6H
	At 90% of Imax	9.9V x 10.2H
Beam Flux	Total	1000.5 lumens per klm.
	To 10% of Imax	825.4 lumens per klm.
	To 50% of Imax	428.4 lumens per klm.
	To 90% of Imax	77.1 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:2018-07-31

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:0.5878A P:125.8W PF:0.9702 Lamp Flux:12352.1x1 lm		
NAME: L0228-120W-48-4000K-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:80.65lm/W	
MODEL	CREE XPG3 4000K	Imax(cd)	41922
NOMINAL POWER(W)	120	AVAILABILITY(%)	82.4
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	10172
NOMINAL FLUX(lm)	12352.1	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	12352
TEST VOLTAGE(V)	AC 220	q @50% (H,V)	28,27DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.05	0.16	0.27	0.37	0.46	0.54	0.61	0.65	0.67	0.67	0.65	0.60	0.54	0.46	0.36	0.26	0.18	0.07	7.59	0.00
90	0.05	0.16	0.27	0.37	0.46	0.54	0.61	0.65	0.67	0.67	0.65	0.60	0.54	0.46	0.36	0.26	0.18	0.07	7.59	0.00
80	0.05	0.17	0.30	0.43	0.55	0.66	0.76	0.84	0.88	0.88	0.84	0.76	0.66	0.55	0.42	0.30	0.19	0.07	9.33	0.00
70	0.06	0.18	0.33	0.48	0.68	0.92	1.20	1.46	1.62	1.62	1.46	1.20	0.92	0.68	0.48	0.33	0.20	0.07	13.9	0.00
60	0.06	0.19	0.36	0.61	1.05	1.77	2.75	3.72	4.36	4.34	3.68	2.69	1.73	1.02	0.60	0.37	0.22	0.07	29.6	0.00
50	0.06	0.20	0.41	0.86	1.90	3.86	6.71	9.81	11.9	11.9	9.61	6.50	3.69	1.80	0.82	0.42	0.23	0.08	70.7	0.00
40	0.06	0.21	0.49	1.28	3.40	7.75	15.0	24.9	33.9	33.6	24.3	14.4	7.32	3.15	1.20	0.51	0.25	0.08	172	0.00
30	0.06	0.22	0.58	1.83	5.43	13.8	33.9	84.4	149	147	80.5	31.9	12.9	5.00	1.72	0.61	0.26	0.08	569	262
20	0.06	0.23	0.68	2.38	7.57	22.1	82.2	282	518	507	263	74.3	20.3	6.99	2.25	0.71	0.28	0.08	1790	1606
10	0.06	0.24	0.73	2.73	9.06	30.2	147	525	1001	969	481	129	27.2	8.39	2.61	0.79	0.29	0.08	3334	3179
0	0.06	0.24	0.75	2.77	9.12	30.6	150	528	1005	978	488	130	27.3	8.44	2.64	0.80	0.29	0.08	3362	3208
-10	0.06	0.24	0.72	2.49	7.75	22.8	85.4	288	529	516	265	75.0	20.6	7.16	2.35	0.75	0.29	0.08	1824	1641
-20	0.06	0.24	0.65	2.00	5.71	14.3	35.2	88.1	154	150	81.1	31.9	13.1	5.24	1.86	0.67	0.28	0.08	584	276
-30	0.06	0.24	0.57	1.49	3.70	8.13	15.6	26.0	34.8	34.0	24.5	14.5	7.48	3.37	1.37	0.58	0.27	0.08	177	0.00
-40	0.06	0.23	0.51	1.05	2.19	4.24	7.17	10.3	12.3	12.1	9.87	6.72	3.89	1.99	0.98	0.51	0.26	0.08	74.5	0.00
-50	0.06	0.23	0.45	0.77	1.29	2.10	3.15	4.17	4.76	4.69	4.00	2.96	1.94	1.20	0.74	0.45	0.25	0.08	33.3	0.00
-60	0.06	0.22	0.42	0.63	0.87	1.17	1.49	1.78	1.93	1.91	1.72	1.43	1.12	0.84	0.61	0.42	0.24	0.08	16.9	0.00
-70	0.06	0.21	0.39	0.56	0.72	0.86	0.99	1.08	1.12	1.12	1.06	0.97	0.85	0.71	0.55	0.40	0.23	0.08	11.9	0.00
-80	0.06	0.21	0.37	0.51	0.64	0.75	0.83	0.89	0.92	0.92	0.89	0.83	0.75	0.64	0.51	0.38	0.23	0.08	10.4	0.00
-90	0.05	0.16	0.27	0.37	0.46	0.54	0.61	0.65	0.67	0.67	0.65	0.60	0.54	0.46	0.36	0.26	0.18	0.07	7.59	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
F t	1.09	3.88	8.99	23.2	62.1	167	590	1881	3466	3374	1741	526	152	57.6	22.1	9.23	4.43	1.39	12091	---
F a	0.00	0.00	0.00	0.00	0.00	0.00	289	1671	3277	3184	1530	221	0.00	0.00	0.00	0.00	0.00	0.00	---	10172

one-half-peak spread: U:13.9,D:13.8 , L:13.4,R:14.4

NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG
H(h) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-07-31

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:0.5878A P:125.8W PF:0.9702 Lamp Flux:12352.1x1 lm		
NAME: L0228-120W-48-4000K-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):

11714 lm

%lum = 94.8%

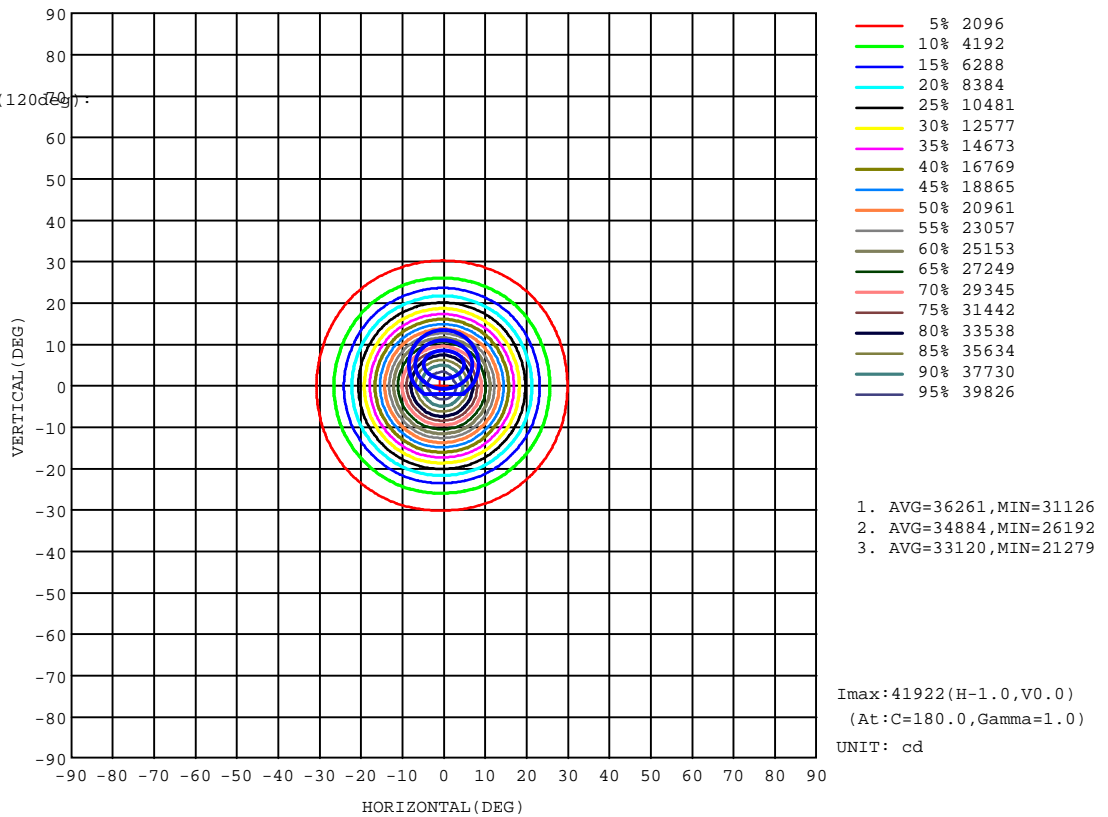
%lamp = 94.8%

Conical surface Flux(120deg):

11976 lm

%lum = 96.9%

%lamp = 97.0%



H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-31

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

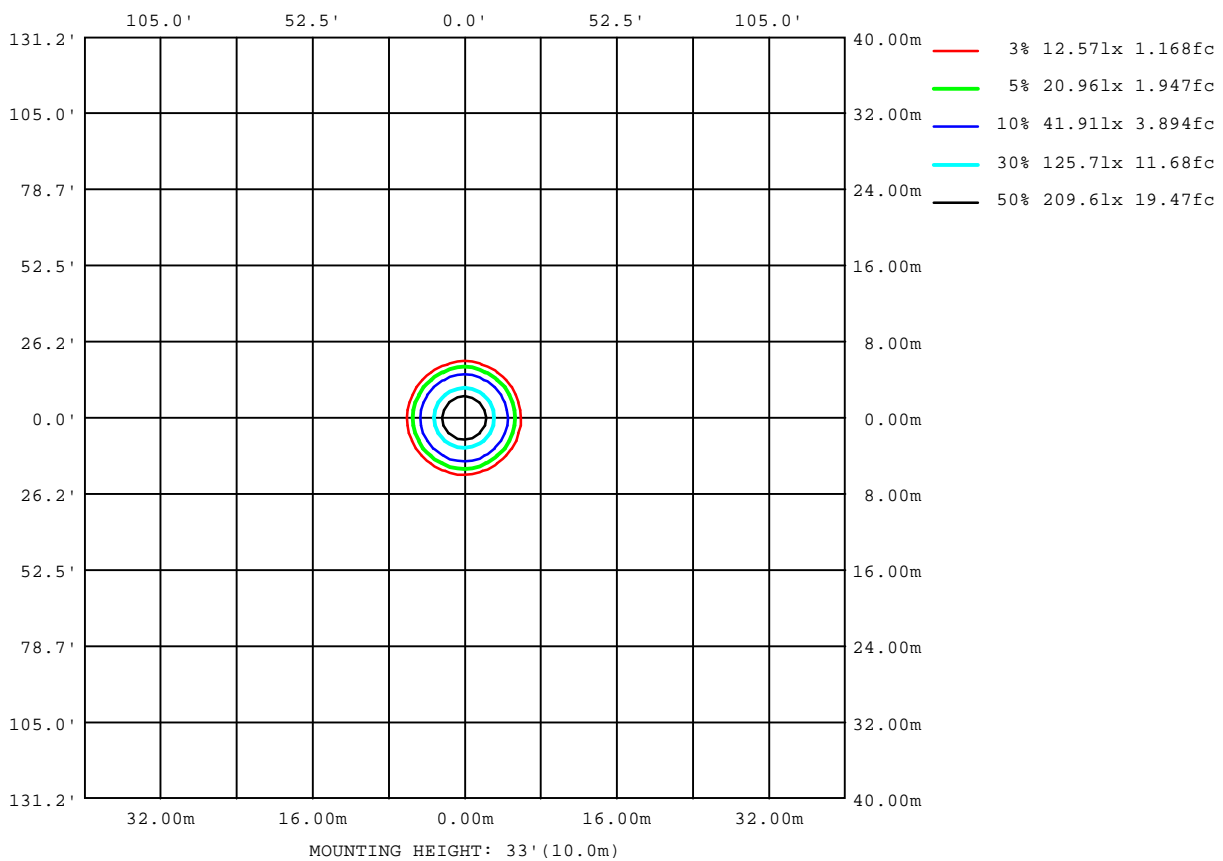
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

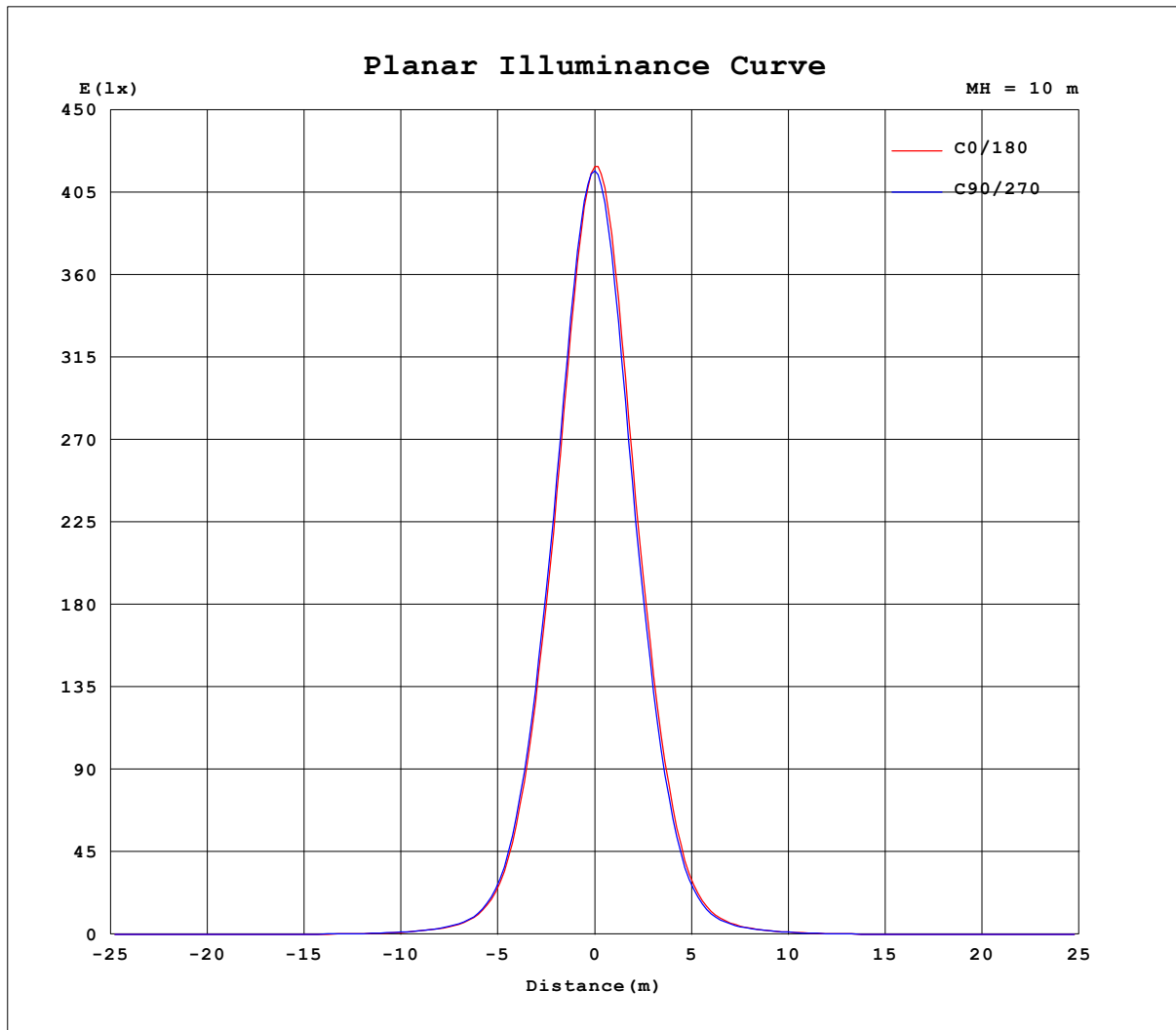
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NAME: L0228-120W-48-4000K-HQ40D+5D-XPG3	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: 广东亮美集照明科技有限公司	SUR.:	PROTECTION ANGLE:



H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-07-31

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

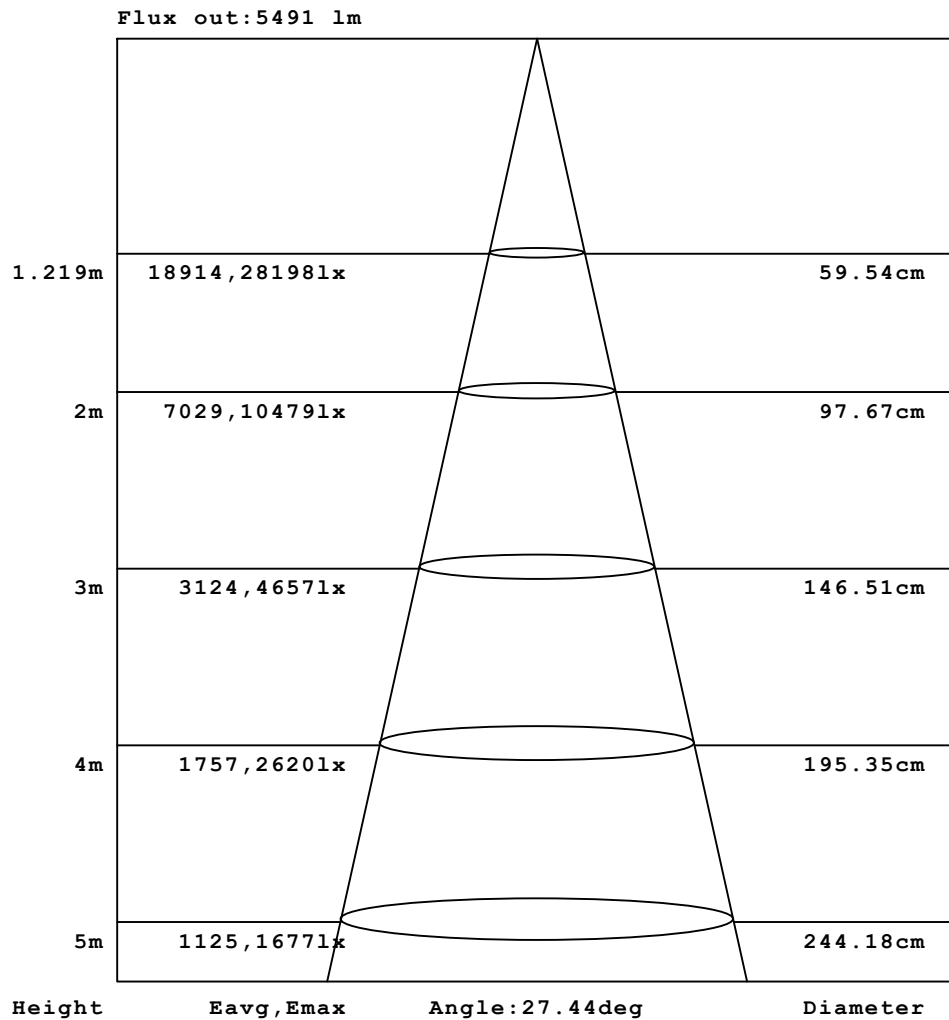


H(θ) Range:-90 - 90DEG
H(θ) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-07-31

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:0.5878A P:125.8W PF:0.9702 Lamp Flux:12352.1x1 lm		
NAME: L0228-120W-48-4000K-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: 2018-07-31

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:0.5878A P:125.8W PF:0.9702 Lamp Flux:12352.1x1 lm		
NAME: L0228-120W-48-4000K-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	1.93	1.67	1.34	1.03	0.84	0.85	1.08	1.64	2.59	3.92	5.57	7.30	8.86	10.1	10.8	11.2	11.2	11.2	11.1
-170	1.93	1.72	1.45	1.21	1.08	1.14	1.43	2.04	3.04	4.41	6.07	7.81	9.36	10.5	11.1	11.3	11.4	11.3	11.3
-160	1.93	1.77	1.58	1.41	1.33	1.41	1.69	2.26	3.17	4.41	5.90	7.30	8.61	9.68	10.4	10.9	11.2	11.3	11.3
-150	1.93	1.83	1.71	1.61	1.58	1.66	1.90	2.35	3.05	3.78	4.68	5.71	6.79	7.81	8.67	9.33	9.79	10.1	10.2
-140	1.93	1.89	1.85	1.83	1.85	1.93	2.13	2.33	2.54	2.92	3.44	4.05	4.72	5.39	6.01	6.55	6.98	7.26	7.37
-130	1.93	1.95	1.98	2.03	2.11	2.23	2.31	2.27	2.28	2.38	2.55	2.80	3.09	3.40	3.70	3.97	4.19	4.33	4.39
-120	1.93	2.00	2.10	2.21	2.36	2.52	2.46	2.38	2.32	2.28	2.27	2.28	2.33	2.38	2.45	2.52	2.58	2.62	2.64
-110	1.93	2.04	2.19	2.36	2.55	2.70	2.65	2.60	2.54	2.49	2.44	2.40	2.36	2.34	2.32	2.31	2.30	2.30	2.30
-100	1.93	2.08	2.26	2.46	2.66	2.79	2.78	2.77	2.76	2.75	2.73	2.72	2.70	2.68	2.67	2.66	2.66	2.65	2.65
-90	1.93	2.12	2.32	2.51	2.71	2.81	2.81	2.82	2.82	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
-80	1.93	2.19	2.43	2.64	2.85	2.98	3.02	3.06	3.09	3.13	3.16	3.18	3.20	3.22	3.24	3.25	3.26	3.26	3.26
-70	1.93	2.24	2.50	2.74	2.97	3.16	3.25	3.35	3.46	3.58	3.70	3.84	3.97	4.11	4.23	4.33	4.40	4.43	4.43
-60	1.93	2.27	2.56	2.82	3.08	3.38	3.61	3.88	4.25	4.71	5.28	5.92	6.65	7.38	8.10	8.68	9.13	9.37	9.39
-50	1.93	2.29	2.60	2.88	3.21	3.65	4.23	4.98	6.04	7.49	9.37	11.6	14.1	16.8	19.5	21.8	23.6	24.6	24.8
-40	1.93	2.31	2.62	2.93	3.35	4.04	5.19	6.92	9.41	12.9	17.5	23.2	29.9	37.4	45.3	53.4	59.6	63.5	64.4
-30	1.93	2.31	2.62	2.96	3.52	4.55	6.41	9.53	14.3	21.0	30.1	42.3	58.5	79.5	107	142	181	209	217
-20	1.93	2.31	2.61	2.97	3.65	5.04	7.70	12.3	19.6	30.3	45.9	69.9	109	182	318	539	803	1007	1069
-10	1.93	2.29	2.58	2.95	3.70	5.37	8.65	14.4	23.8	38.1	61.2	101	189	401	826	1430	2089	2652	2845
0	1.93	2.27	2.53	2.87	3.63	5.35	8.82	15.0	25.2	41.1	67.6	117	236	543	1140	1966	2956	3866	4191
10	1.93	2.27	2.52	2.85	3.55	5.14	8.32	14.0	23.3	37.6	60.3	99.1	182	385	806	1411	2070	2606	2821
20	1.93	2.25	2.50	2.79	3.36	4.61	7.09	11.5	18.6	29.2	44.8	68.1	105	175	308	524	773	977	1052
30	1.93	2.23	2.46	2.70	3.11	3.96	5.58	8.43	12.9	19.6	28.7	40.8	56.9	77.0	103	136	172	203	215
40	1.93	2.20	2.41	2.60	2.87	3.36	4.24	5.74	8.11	11.5	16.0	21.7	28.3	35.8	43.6	51.1	57.7	62.1	63.5
50	1.93	2.16	2.35	2.51	2.67	2.91	3.31	3.95	4.92	6.26	8.02	10.2	12.6	15.2	17.8	20.1	22.0	23.3	23.7
60	1.93	2.12	2.27	2.40	2.52	2.64	2.79	3.01	3.31	3.70	4.20	4.79	5.46	6.14	6.80	7.41	7.90	8.21	8.31
70	1.93	2.07	2.17	2.27	2.36	2.44	2.51	2.58	2.66	2.75	2.85	2.97	3.09	3.21	3.33	3.43	3.50	3.55	3.57
80	1.93	2.00	2.07	2.12	2.17	2.22	2.26	2.30	2.33	2.36	2.39	2.42	2.45	2.47	2.49	2.50	2.51	2.51	2.51
90	1.93	1.92	1.92	1.92	1.92	1.92	1.91	1.91	1.91	1.90	1.90	1.90	1.90	1.90	1.89	1.89	1.88	1.88	1.87
100	1.93	1.88	1.84	1.81	1.76	1.72	1.67	1.61	1.56	1.52	1.47	1.44	1.40	1.37	1.35	1.32	1.30	1.29	1.28
110	1.93	1.84	1.76	1.67	1.56	1.45	1.34	1.24	1.14	1.06	1.00	0.95	0.91	0.88	0.86	0.85	0.83	0.82	0.82
120	1.93	1.81	1.67	1.51	1.34	1.19	1.05	0.94	0.86	0.82	0.81	0.82	0.86	0.91	0.97	1.02	1.07	1.10	1.11
130	1.93	1.77	1.58	1.36	1.16	0.99	0.87	0.82	0.83	0.91	1.05	1.25	1.50	1.78	2.06	2.31	2.51	2.64	2.68
140	1.93	1.74	1.50	1.24	1.02	0.87	0.82	0.87	1.05	1.36	1.80	2.37	3.01	3.69	4.34	4.92	5.35	5.62	5.71
150	1.93	1.71	1.43	1.14	0.93	0.82	0.86	1.07	1.49	2.13	2.99	4.02	5.14	6.22	7.20	7.98	8.52	8.84	8.95
160	1.93	1.69	1.38	1.08	0.88	0.82	0.96	1.34	2.02	3.00	4.28	5.72	7.16	8.43	9.42	10.1	10.5	10.7	10.8
170	1.93	1.68	1.35	1.04	0.85	0.84	1.05	1.56	2.43	3.68	5.24	6.91	8.45	9.68	10.5	11.0	11.2	11.2	11.1
180	1.93	1.67	1.34	1.03	0.84	0.85	1.08	1.64	2.59	3.92	5.57	7.30	8.86	10.1	10.8	11.2	11.2	11.2	11.1

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-31

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:0.5878A P:125.8W PF:0.9702 Lamp Flux:12352.1x1 lm		
NAME: L0228-120W-48-4000K-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	11.2	11.3	11.5	11.4	11.1	10.3	9.12	7.59	5.97	4.56	3.46	2.70	2.34	2.30	2.44	2.64	2.80	2.84
-170	11.3	11.4	11.4	11.3	10.8	9.98	8.74	7.22	5.69	4.36	3.33	2.65	2.33	2.30	2.45	2.65	2.80	2.84
-160	11.3	11.2	11.0	10.6	9.92	8.91	7.62	6.24	4.95	3.86	3.03	2.51	2.29	2.32	2.47	2.66	2.80	2.84
-150	10.1	9.87	9.47	8.85	8.03	7.03	5.95	4.91	3.97	3.20	2.66	2.36	2.28	2.35	2.52	2.69	2.81	2.84
-140	7.30	7.06	6.66	6.15	5.54	4.88	4.20	3.57	3.03	2.62	2.37	2.28	2.31	2.42	2.58	2.73	2.82	2.84
-130	4.36	4.23	4.03	3.78	3.48	3.17	2.88	2.62	2.42	2.31	2.28	2.31	2.40	2.53	2.65	2.76	2.83	2.84
-120	2.62	2.59	2.53	2.47	2.40	2.34	2.30	2.28	2.28	2.31	2.37	2.45	2.54	2.64	2.73	2.80	2.83	2.84
-110	2.30	2.30	2.30	2.31	2.33	2.36	2.39	2.43	2.48	2.53	2.59	2.64	2.70	2.75	2.79	2.82	2.83	2.84
-100	2.65	2.65	2.66	2.67	2.68	2.69	2.71	2.73	2.75	2.77	2.78	2.79	2.80	2.82	2.83	2.83	2.83	2.84
-90	2.83	2.83	2.83	2.83	2.83	2.83	2.84	2.84	2.84	2.84	2.84	2.83	2.83	2.83	2.83	2.83	2.83	2.84
-80	3.25	3.24	3.23	3.22	3.20	3.18	3.16	3.14	3.12	3.09	3.06	3.02	2.99	2.96	2.94	2.90	2.87	2.84
-70	4.40	4.33	4.24	4.12	3.99	3.85	3.72	3.60	3.49	3.39	3.31	3.23	3.15	3.09	3.02	2.97	2.90	2.84
-60	9.25	8.90	8.37	7.71	6.98	6.25	5.56	4.95	4.45	4.06	3.75	3.53	3.36	3.23	3.12	3.02	2.94	2.84
-50	24.3	22.9	20.9	18.5	15.8	13.1	10.6	8.56	6.89	5.62	4.69	4.06	3.65	3.39	3.22	3.08	2.96	2.84
-40	62.4	57.6	50.5	42.7	34.9	27.7	21.3	16.0	11.7	8.57	6.37	4.95	4.09	3.60	3.32	3.13	2.98	2.84
-30	203	171	133	99.4	73.6	54.0	38.9	27.7	19.2	13.0	8.79	6.18	4.66	3.84	3.42	3.18	3.00	2.84
-20	979	758	491	282	162	98.6	64.2	42.3	27.9	18.1	11.5	7.51	5.26	4.08	3.51	3.21	3.01	2.84
-10	2582	1979	1320	736	347	166	91.4	56.2	35.3	22.2	13.7	8.58	5.72	4.26	3.57	3.23	3.02	2.84
0	3711	2751	1791	1003	463	205	105	62.0	38.3	23.8	14.5	8.98	5.89	4.33	3.59	3.24	3.02	2.84
10	2537	1964	1299	719	340	164	90.5	55.5	34.8	21.7	13.4	8.32	5.53	4.13	3.48	3.18	2.99	2.84
20	957	741	491	286	162	97.7	63.1	41.2	26.9	17.2	10.9	7.01	4.89	3.83	3.33	3.10	2.95	2.84
30	201	168	131	99.0	73.4	53.8	38.3	26.7	18.0	11.8	7.90	5.49	4.16	3.48	3.17	3.01	2.91	2.84
40	61.6	56.8	50.0	42.2	34.4	27.1	20.6	15.1	10.7	7.58	5.41	4.15	3.49	3.16	3.00	2.91	2.86	2.84
50	23.1	21.8	19.8	17.4	14.8	12.2	9.79	7.71	6.01	4.74	3.85	3.26	2.99	2.89	2.84	2.81	2.81	2.84
60	8.19	7.86	7.36	6.74	6.07	5.38	4.73	4.16	3.67	3.29	3.00	2.79	2.64	2.66	2.68	2.71	2.77	2.84
70	3.55	3.51	3.43	3.33	3.22	3.10	2.98	2.87	2.76	2.67	2.58	2.50	2.41	2.44	2.52	2.61	2.71	2.84
80	2.51	2.51	2.50	2.49	2.47	2.44	2.41	2.38	2.34	2.30	2.26	2.22	2.17	2.22	2.36	2.51	2.66	2.84
90	1.87	1.88	1.88	1.88	1.88	1.87	1.87	1.86	1.86	1.86	1.86	1.86	1.86	1.97	2.19	2.40	2.62	2.84
100	1.29	1.29	1.31	1.32	1.34	1.37	1.40	1.43	1.47	1.51	1.55	1.60	1.65	1.83	2.12	2.38	2.61	2.84
110	0.82	0.83	0.84	0.86	0.87	0.90	0.93	0.97	1.03	1.10	1.18	1.28	1.38	1.69	2.04	2.35	2.62	2.84
120	1.11	1.08	1.04	0.99	0.93	0.88	0.84	0.82	0.82	0.85	0.91	1.01	1.16	1.58	1.98	2.34	2.62	2.84
130	2.66	2.55	2.36	2.13	1.85	1.57	1.31	1.10	0.94	0.84	0.82	0.85	1.13	1.54	1.95	2.33	2.64	2.84
140	5.65	5.41	5.01	4.45	3.82	3.15	2.49	1.92	1.45	1.11	0.90	0.96	1.23	1.58	1.97	2.35	2.66	2.84
150	8.86	8.57	8.06	7.32	6.38	5.32	4.21	3.17	2.28	1.60	1.36	1.30	1.43	1.69	2.03	2.39	2.68	2.84
160	10.7	10.5	10.1	9.48	8.55	7.35	5.95	4.53	3.49	2.66	2.08	1.76	1.70	1.86	2.14	2.46	2.71	2.84
170	11.1	11.1	10.9	10.5	9.84	8.96	7.76	6.34	4.92	3.73	2.83	2.26	2.02	2.07	2.27	2.54	2.76	2.84
180	11.2	11.3	11.5	11.4	11.1	10.3	9.12	7.59	5.97	4.56	3.46	2.70	2.34	2.30	2.44	2.64	2.80	2.84

H(h) Range:-90 - 90DEG

H(h) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-07-31

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: