

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	221.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	230.2V x 180.0H
	At 50% of Imax	138.0V x 139.5H
	At 90% of Imax	56.9V x 59.4H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	980.5 lumens per klm.
	To 50% of Imax	670.9 lumens per klm.
	To 90% of Imax	158.7 lumens per klm.

Upward LOR	13.4 %
Downward LOR	86.6 %

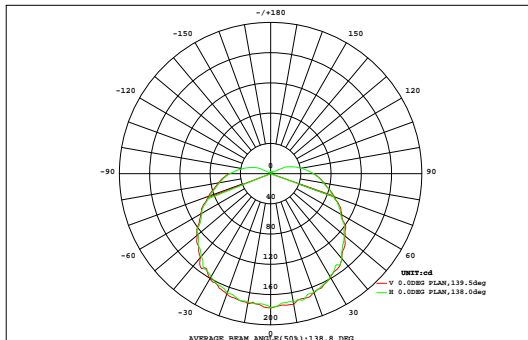
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-28

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:

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.7V I:0.0928A P:18.63W PF:0.9093 Lamp Flux:800.715x1 lm		
NAME: L1433/A-WR-12-4000K-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:42.98lm/W	
MODEL	CREE	Imax(cd)	177.6
NOMINAL POWER(W)	20	AVAILABILITY(%)	98.0
RATED VOLTAGE(V)	AC 220V	Avai. FLUX(lm)	784.5
NOMINAL FLUX(lm)	800.715	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	800.7
TEST VOLTAGE(V)	AC 220V	θ @50%(H,V)	139,138DEG

VERTICAL( DEG )	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.15	0.45	0.76	1.06	1.33	1.56	1.75	1.87	1.94	1.94	1.87	1.74	1.56	1.32	1.06	0.76	0.46	0.15	21.7	21.7
90	0.15	0.45	0.76	1.06	1.33	1.56	1.75	1.87	1.94	1.94	1.87	1.74	1.56	1.32	1.06	0.76	0.46	0.15	21.7	21.7
80	0.15	0.49	0.84	1.20	1.55	1.87	2.13	2.32	2.41	2.41	2.31	2.12	1.85	1.54	1.20	0.84	0.49	0.16	25.9	25.9
70	0.16	0.52	0.92	1.35	1.81	2.23	2.59	2.85	2.98	2.97	2.82	2.57	2.22	1.80	1.35	0.92	0.52	0.16	30.7	30.7
60	0.16	0.54	0.99	1.53	2.07	2.60	3.06	3.39	3.56	3.55	3.37	3.03	2.57	2.05	1.52	1.00	0.55	0.17	35.7	35.7
50	0.17	0.57	1.08	1.68	2.33	2.98	3.51	3.90	4.10	4.09	3.88	3.48	2.94	2.31	1.67	1.08	0.57	0.17	40.5	40.5
40	0.17	0.59	1.15	1.82	2.57	3.28	3.93	4.39	4.60	4.57	4.33	3.86	3.24	2.54	1.81	1.16	0.60	0.17	44.8	44.8
30	0.17	0.60	1.20	1.93	2.74	3.57	4.25	4.69	4.92	4.90	4.62	4.15	3.49	2.71	1.94	1.22	0.62	0.17	47.9	47.9
20	0.17	0.62	1.24	2.01	2.87	3.74	4.43	4.91	5.14	5.10	4.85	4.33	3.68	2.85	2.02	1.26	0.63	0.18	50.0	50.0
10	0.17	0.62	1.26	2.04	2.93	3.82	4.52	5.03	5.26	5.24	4.98	4.46	3.79	2.94	2.07	1.29	0.64	0.18	51.2	51.2
0	0.17	0.62	1.26	2.03	2.91	3.80	4.50	4.99	5.24	5.27	5.01	4.49	3.81	2.95	2.08	1.29	0.64	0.18	51.2	51.2
-10	0.17	0.61	1.23	1.98	2.82	3.67	4.35	4.82	5.15	5.15	4.89	4.39	3.74	2.89	2.05	1.27	0.63	0.18	50.0	50.0
-20	0.17	0.60	1.18	1.88	2.68	3.45	4.12	4.62	4.92	4.92	4.67	4.23	3.55	2.77	1.97	1.23	0.62	0.18	47.7	47.7
-30	0.17	0.58	1.12	1.76	2.48	3.18	3.79	4.30	4.56	4.58	4.37	3.90	3.29	2.60	1.84	1.17	0.60	0.17	44.5	44.5
-40	0.16	0.56	1.04	1.62	2.23	2.86	3.41	3.83	4.04	4.06	3.89	3.50	2.98	2.34	1.70	1.10	0.58	0.17	40.1	40.1
-50	0.16	0.53	0.96	1.46	1.98	2.48	2.94	3.29	3.48	3.50	3.36	3.04	2.60	2.09	1.55	1.02	0.56	0.17	35.2	35.2
-60	0.16	0.50	0.89	1.29	1.71	2.12	2.47	2.73	2.88	2.91	2.80	2.57	2.23	1.82	1.37	0.94	0.53	0.16	30.1	30.1
-70	0.15	0.47	0.81	1.15	1.47	1.77	2.02	2.21	2.31	2.33	2.26	2.10	1.86	1.56	1.22	0.86	0.50	0.16	25.2	25.2
-80	0.15	0.44	0.73	1.01	1.25	1.48	1.65	1.78	1.85	1.87	1.83	1.72	1.55	1.33	1.07	0.78	0.47	0.15	21.1	21.1
-90	0.15	0.44	0.73	1.01	1.25	1.48	1.65	1.78	1.85	1.87	1.83	1.72	1.55	1.33	1.07	0.78	0.47	0.15	21.1	21.1
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL( DEG ) 20 30 40 50 60 70 80 90																				
Φ t	2.94	9.91	18.7	28.8	39.7	50.5	59.4	65.9	69.3	69.3	66.1	59.7	50.9	40.4	29.5	19.2	10.2	3.02	694	---
Φ a	2.94	9.91	18.7	28.8	39.7	50.5	59.4	65.9	69.3	69.3	66.1	59.7	50.9	40.4	29.5	19.2	10.2	3.02	---	694

one-half-peak spread: U:33.5,D:33.4 , L:33.5,R:46.8

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-28

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:220.7V I:0.0928A P:18.63W PF:0.9093 Lamp Flux:800.715x1 lm		
NAME: L1433/A-WR-12-4000K-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

287.12 lm

%lum = 35.9%

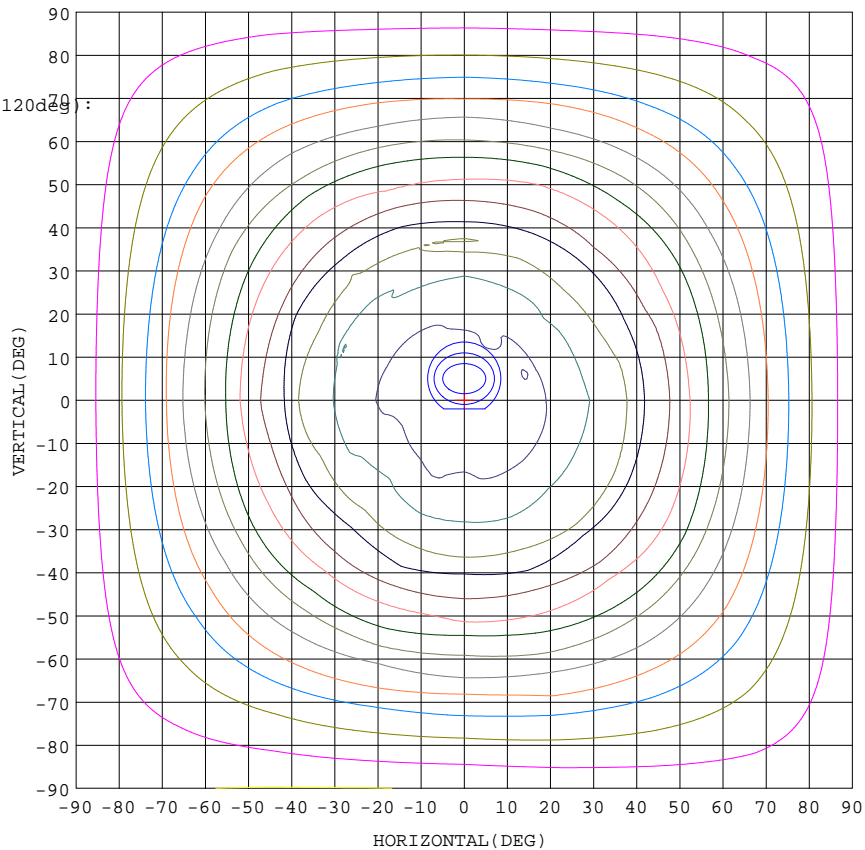
%lamp = 35.9%

Conical surface Flux(120deg):

445.06 lm

%lum = 55.6%

%lamp = 55.6%



5%	8.882
10%	17.76
15%	26.65
20%	35.53
25%	44.41
30%	53.29
35%	62.17
40%	71.05
45%	79.94
50%	88.82
55%	97.70
60%	106.6
65%	115.5
70%	124.3
75%	133.2
80%	142.1
85%	151.0
90%	159.9
95%	168.8

1. AVG=173.4,MIN=171.2
2. AVG=173.4,MIN=170.2
3. AVG=173.1,MIN=169.3

Imax:177.6(H0.0,V0.0)  
(At:C=0.0,Gamma=0.0)

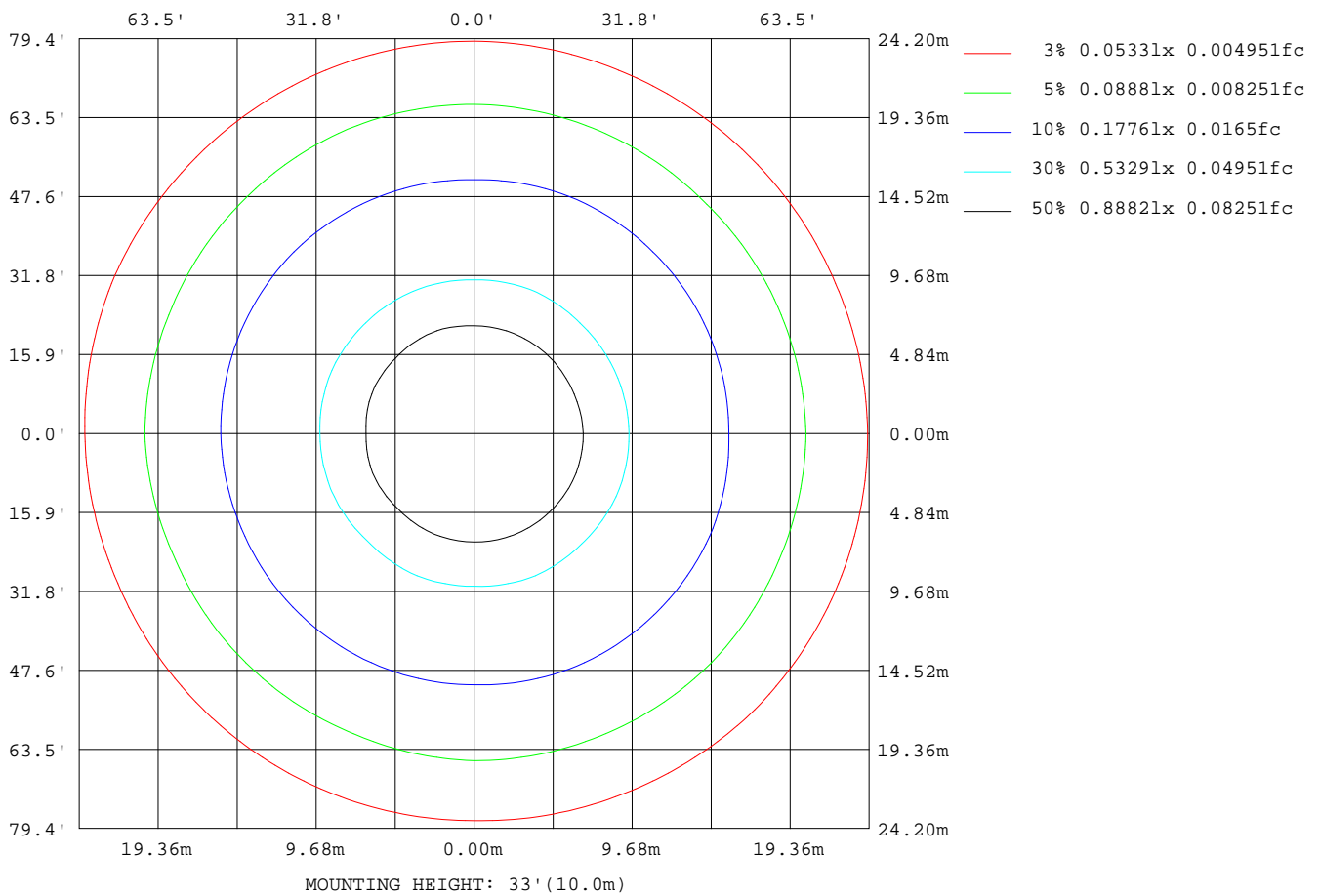
UNIT: cd

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-28

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

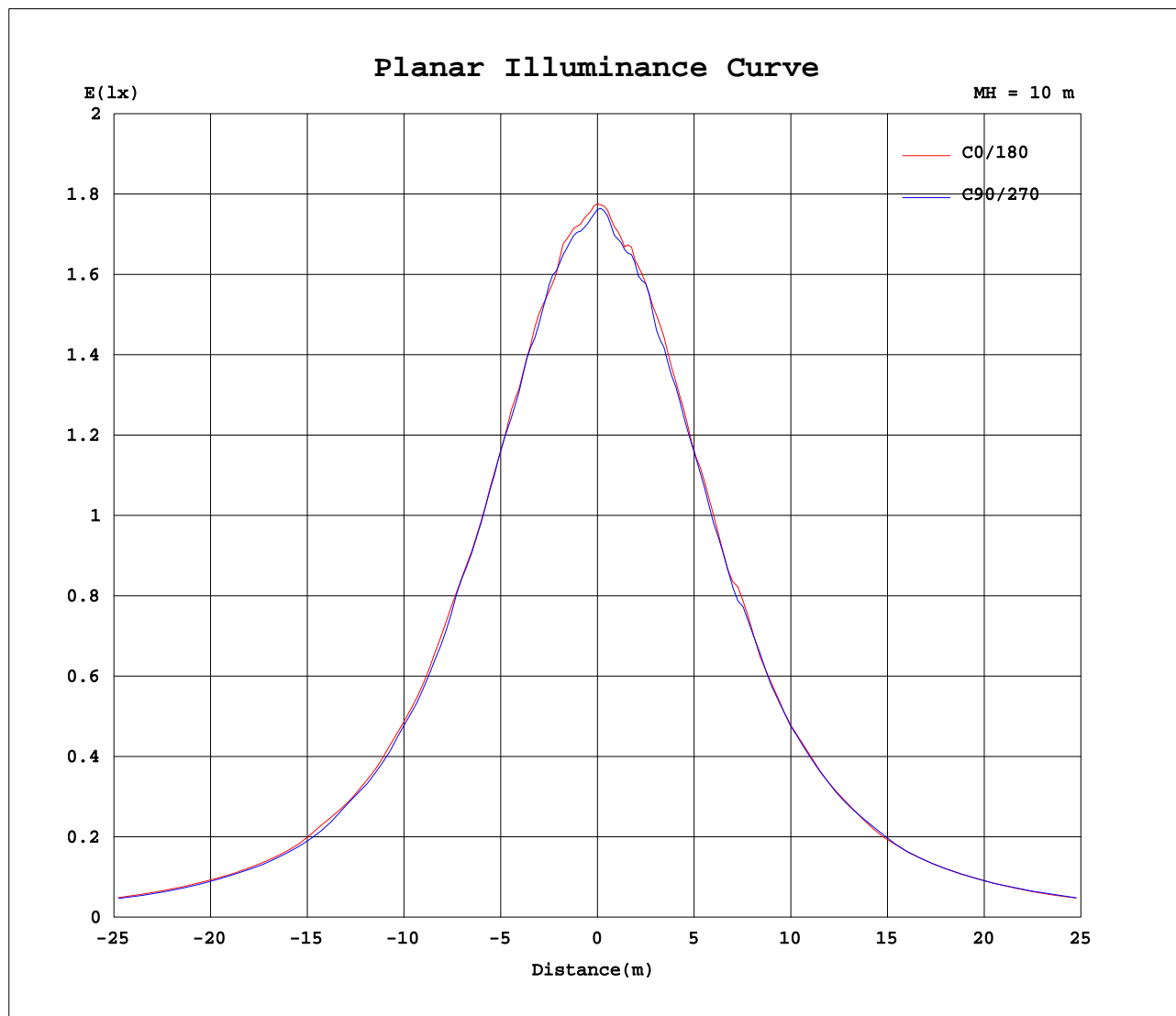
Test:U:220.7V I:0.0928A P:18.63W PF:0.9093 Lamp Flux:800.715x1 lm		
NAME: L1433/A-WR-12-4000K-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-28

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

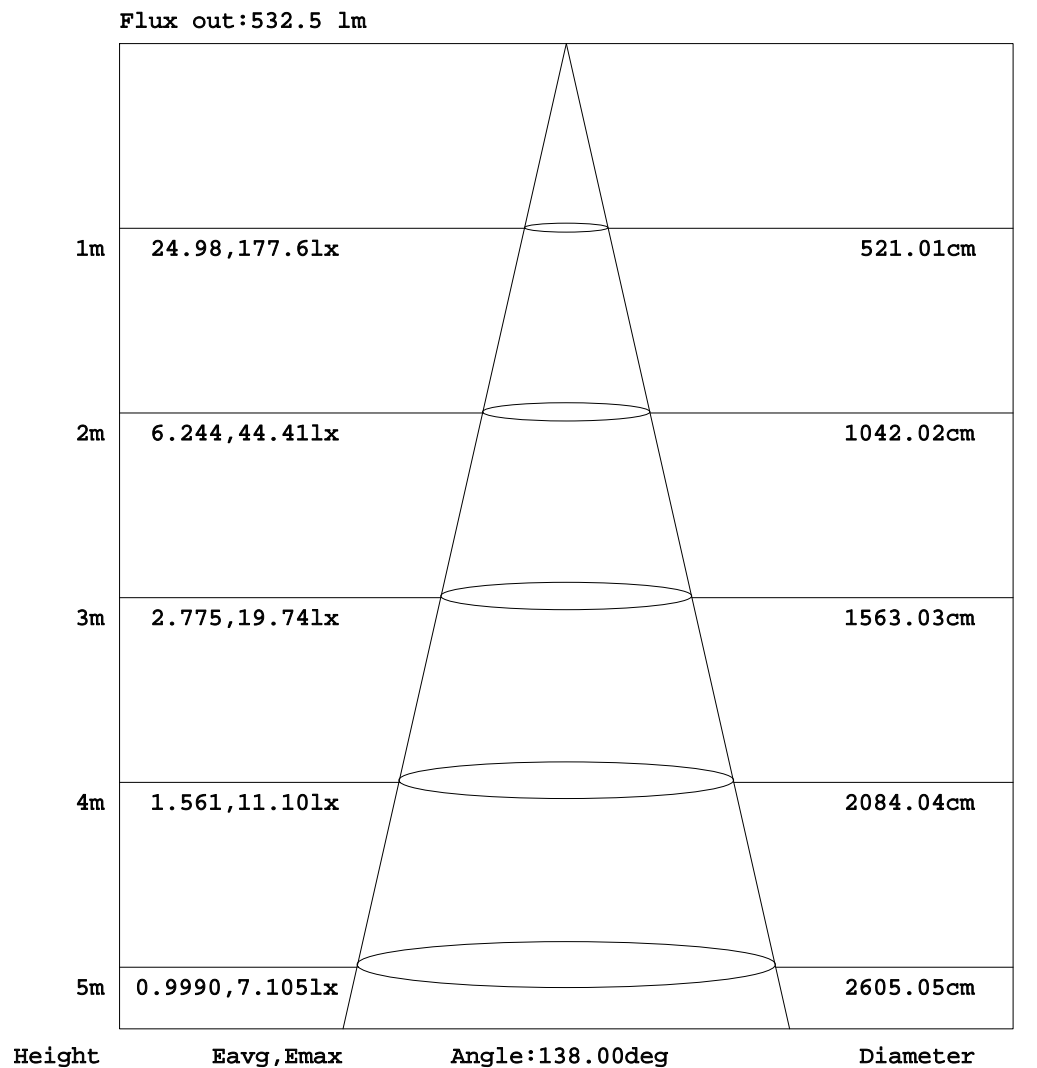


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-28

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:220.7V I:0.0928A P:18.63W PF:0.9093 Lamp Flux:800.715x1 lm		
NAME: L1433/A-WR-12-4000K-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-28

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:220.7V I:0.0928A P:18.63W PF:0.9093 Lamp Flux:800.715x1 lm		
NAME: L1433/A-WR-12-4000K-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

H(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
V(°)	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0
-180	55.1	46.9	39.2	32.0	25.3	18.0	3.63	7.05	5.38	2.94	2.49	2.55	2.63	2.68	2.74	2.78	2.79	2.79	2.78
-170	55.1	47.0	39.3	32.2	25.5	16.8	4.42	5.30	4.82	2.99	2.50	2.57	2.63	2.68	2.72	2.72	2.70	2.77	2.76
-160	55.1	47.3	39.9	33.0	26.6	17.9	5.83	3.54	4.37	3.10	2.51	2.55	2.57	2.59	2.60	2.67	2.71	2.71	2.68
-150	55.1	47.8	41.0	34.5	28.5	21.7	8.71	3.77	3.33	3.36	2.93	2.55	2.54	2.54	2.56	2.60	2.63	2.60	2.57
-140	55.1	48.6	42.4	36.5	31.1	26.0	17.4	4.68	3.84	3.59	4.33	3.72	3.18	2.82	2.54	2.53	2.53	2.52	2.51
-130	55.1	49.5	44.3	39.2	34.4	30.0	25.1	15.8	6.68	4.33	4.26	3.46	3.32	3.41	2.96	3.01	3.00	2.76	2.41
-120	55.1	50.7	46.4	42.4	38.5	34.8	31.4	26.0	18.0	8.37	3.43	6.71	9.12	8.62	6.63	4.99	4.13	3.67	3.63
-110	55.1	52.0	48.9	45.9	43.1	40.5	38.1	35.8	33.8	31.8	28.7	25.5	24.3	24.6	25.6	24.9	24.5	24.2	24.1
-100	55.1	53.3	51.6	49.9	48.2	46.8	45.4	44.2	43.0	41.9	41.0	40.3	39.6	39.1	38.7	38.4	38.2	38.1	38.1
-90	55.1	54.8	54.4	54.1	53.7	53.5	53.4	53.2	53.1	53.0	53.0	53.0	53.1	53.1	53.2	53.3	53.5	53.6	53.8
-80	55.1	56.2	57.2	58.1	59.0	59.9	60.9	61.8	62.6	63.4	64.4	65.2	65.9	66.6	67.2	67.7	68.1	68.5	68.7
-70	55.1	57.5	59.7	61.9	63.9	65.9	68.0	70.0	71.8	73.4	75.3	77.4	79.2	80.9	82.5	83.8	84.7	85.1	85.2
-60	55.1	58.8	62.1	65.4	68.6	71.7	74.8	78.6	82.3	86.1	90.0	92.3	94.9	97.5	99.5	102	104	104	105
-50	55.1	59.9	64.3	68.6	72.9	77.6	83.1	88.2	93.1	97.9	102	107	112	116	120	122	124	125	125
-40	55.1	60.8	66.2	71.5	76.9	84.1	90.0	96.3	103	109	116	122	127	132	135	139	141	142	143
-30	55.1	61.6	67.8	73.8	81.1	88.8	96.8	105	112	121	127	133	138	143	150	153	156	157	158
-20	55.1	62.2	69.0	75.6	84.6	92.9	102	110	121	128	136	143	150	154	156	161	165	167	168
-10	55.1	62.6	69.8	76.9	86.5	96.5	105	114	125	133	142	151	157	161	164	167	170	172	173
0	55.1	62.8	70.1	77.5	87.1	98.4	107	116	127	135	145	152	160	165	169	172	175	174	178
10	55.1	62.7	69.9	77.3	87.0	97.2	106	115	126	135	144	154	159	161	166	170	172	172	173
20	55.1	62.4	69.3	76.3	85.7	94.2	104	112	123	129	140	148	154	159	160	165	165	166	167
30	55.1	61.9	68.3	74.7	82.6	91.3	99.1	107	116	124	130	138	144	151	152	156	156	157	158
40	55.1	61.1	66.9	72.6	78.6	86.7	93.8	99.4	107	114	121	126	131	135	139	142	144	146	147
50	55.1	60.2	65.1	69.9	74.7	79.7	86.7	92.5	97.0	101	107	112	116	120	123	124	125	126	127
60	55.1	59.2	63.0	66.8	70.4	74.2	77.9	81.9	86.6	90.9	93.6	97.0	99.4	103	105	106	107	107	107
70	55.1	58.0	60.7	63.4	65.9	68.4	70.8	73.1	75.2	77.2	79.9	81.8	84.0	86.1	87.2	87.8	88.4	88.6	88.6
80	55.1	56.7	58.2	59.6	61.0	62.4	63.7	64.9	66.0	67.1	67.9	68.7	69.3	69.9	70.3	70.7	70.9	71.1	71.1
90	55.1	55.3	55.5	55.7	55.8	56.0	56.2	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8
100	55.1	53.9	52.6	51.4	50.2	49.1	48.0	47.0	46.2	45.4	44.5	43.7	43.0	42.4	42.0	41.6	41.4	41.3	41.3
110	55.1	52.4	49.8	47.3	44.9	42.6	40.4	38.4	36.5	34.8	32.4	30.0	28.6	28.3	28.5	27.9	27.4	27.2	27.2
120	55.1	51.1	47.3	43.6	40.0	36.6	33.4	29.2	22.9	13.1	5.43	6.94	7.99	6.68	3.96	3.20	3.15	3.05	3.07
130	55.1	49.9	45.0	40.2	35.7	31.4	26.9	17.3	7.03	5.14	5.60	6.71	5.47	3.95	3.09	3.35	3.59	3.18	2.44
140	55.1	48.9	43.0	37.4	32.0	27.0	17.9	5.14	4.34	5.38	4.79	3.96	3.35	3.16	3.05	2.80	2.55	2.50	2.46
150	55.1	48.1	41.4	35.1	29.2	22.2	9.05	3.88	3.38	3.43	2.97	2.56	2.53	2.56	2.57	2.56	2.56	2.58	2.60
160	55.1	47.4	40.2	33.4	27.0	18.1	5.96	3.52	4.40	3.15	2.55	2.48	2.51	2.57	2.63	2.64	2.61	2.65	2.68
170	55.1	47.1	39.5	32.4	25.7	16.9	4.46	5.30	4.84	3.02	2.47	2.50	2.55	2.58	2.65	2.69	2.77	2.72	2.78
180	55.1	46.9	39.2	32.0	25.3	18.0	3.63	7.05	5.38	2.94	2.49	2.55	2.63	2.68	2.74	2.78	2.79	2.79	2.79

H(β) Range:-90 - 90DEG

H(β) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-28

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:220.7V I:0.0928A P:18.63W PF:0.9093 Lamp Flux:800.715x1 lm																		
NAME: L1433/A-WR-12-4000K-Dome									TYPE:PROJECTOR					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:1				
MFR.:									SUR.:					PROTECTION ANGLE:				

Table--2

UNIT: cd

H(DEC) V(DEC)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	2.78	2.77	2.72	2.67	2.65	2.57	2.52	2.49	3.43	6.13	8.02	3.72	18.4	26.5	33.4	40.9	48.8	57.0	
-170	2.78	2.74	2.73	2.73	2.69	2.62	2.56	2.51	3.41	5.51	6.18	4.41	16.8	26.6	33.8	41.2	48.9	57.0	
-160	2.71	2.71	2.66	2.61	2.59	2.57	2.54	2.63	3.57	5.05	4.05	5.77	17.6	28.0	34.8	41.9	49.3	57.0	
-150	2.61	2.63	2.60	2.55	2.51	2.51	2.62	3.21	3.83	3.90	3.66	7.87	21.2	30.2	36.4	43.0	49.9	57.0	
-140	2.52	2.53	2.52	2.58	2.84	3.15	3.81	4.83	5.29	3.90	4.05	15.5	27.3	33.2	38.7	44.6	50.8	57.0	
-130	2.49	2.53	2.53	2.78	3.69	5.25	5.58	4.69	4.62	5.81	15.6	26.9	32.3	36.9	41.6	46.6	51.8	57.0	
-120	3.78	4.39	5.44	7.31	9.32	9.52	7.65	6.52	13.0	22.4	29.5	34.1	37.6	41.2	45.0	48.9	53.0	57.0	
-110	24.4	25.0	25.7	26.6	26.7	27.4	29.0	31.6	34.3	36.4	38.6	41.0	43.5	46.1	48.8	51.5	54.3	57.0	
-100	38.4	38.9	39.4	40.1	40.9	41.7	42.7	43.8	45.0	46.1	47.4	48.8	50.2	51.6	52.9	54.3	55.7	57.0	
-90	54.2	54.5	54.9	55.2	55.5	55.8	56.1	56.4	56.7	56.8	57.0	57.1	57.2	57.3	57.2	57.2	57.1	57.0	
-80	69.0	69.3	69.4	69.4	69.3	68.9	68.5	68.0	67.3	66.5	65.7	64.7	63.7	62.5	61.2	59.8	58.4	57.0	
-70	85.9	86.3	86.2	85.6	84.5	83.0	81.8	79.8	77.8	76.0	74.1	72.1	69.9	67.5	65.0	62.3	59.7	57.0	
-60	105	106	105	104	102	99.6	97.0	94.8	91.5	87.3	83.5	79.5	75.8	72.2	68.5	64.7	60.9	57.0	
-50	125	126	125	123	120	116	112	107	103	98.0	93.5	87.9	82.0	76.4	71.6	66.8	61.9	57.0	
-40	143	142	141	139	135	131	125	122	115	108	101	95.1	88.1	80.9	74.3	68.6	62.8	57.0	
-30	157	156	155	153	150	141	138	132	125	119	109	101	92.9	84.8	76.5	70.1	63.6	57.0	
-20	166	165	163	160	156	153	148	140	132	124	115	105	96.8	87.5	78.5	71.2	64.1	57.0	
-10	172	171	170	166	163	157	152	144	137	127	120	108	99.3	89.3	80.0	71.8	64.4	57.0	
0	174	176	171	168	164	158	154	147	138	129	121	109	100	89.8	80.5	72.0	64.5	57.0	
10	170	171	169	164	161	155	151	143	135	126	119	107	98.9	88.9	79.8	71.7	64.4	57.0	
20	164	163	162	159	154	150	145	137	129	122	113	104	95.9	87.0	78.1	70.9	64.0	57.0	
30	156	154	153	149	148	141	135	129	123	116	107	100	92.0	84.2	75.9	69.7	63.4	57.0	
40	145	143	140	138	132	130	125	119	114	106	100	93.4	86.7	79.7	73.5	68.2	62.6	57.0	
50	126	126	125	122	118	115	112	106	101	96.6	91.7	86.3	80.5	75.1	70.7	66.3	61.7	57.0	
60	107	106	105	103	101	98.5	96.3	92.6	89.5	86.8	82.1	77.8	73.9	70.8	67.5	64.1	60.6	57.0	
70	88.5	88.2	87.4	86.5	85.6	83.5	81.1	79.4	77.4	74.7	72.6	70.5	68.3	66.2	64.0	61.7	59.4	57.0	
80	71.0	70.8	70.4	70.0	69.5	68.9	68.2	67.5	66.6	65.7	64.6	63.5	62.3	61.3	60.3	59.2	58.1	57.0	
90	56.8	56.7	56.7	56.6	56.6	56.5	56.5	56.5	56.5	56.4	56.3	56.2	56.2	56.2	56.4	56.6	56.8	57.0	
100	41.3	41.4	41.7	42.0	42.5	43.1	43.8	44.6	45.5	46.3	47.3	48.4	49.6	50.9	52.4	53.9	55.5	57.0	
110	27.2	27.4	27.9	28.6	28.3	28.5	29.9	32.2	35.0	36.8	38.8	40.9	43.2	45.7	48.4	51.2	54.1	57.0	
120	3.08	3.41	4.04	5.41	7.90	8.95	7.42	5.53	12.5	22.6	29.5	33.9	37.2	40.9	44.7	48.7	52.8	57.0	
130	3.44	4.29	4.84	4.47	4.55	6.20	7.86	5.98	5.36	5.84	15.2	26.9	32.1	36.6	41.4	46.4	51.7	57.0	
140	2.46	2.51	2.76	3.01	3.10	3.14	3.46	4.85	6.11	4.65	4.60	15.3	27.3	33.0	38.6	44.5	50.7	57.0	
150	2.55	2.49	2.47	2.47	2.45	2.42	2.51	2.88	3.20	3.65	4.15	8.26	21.1	30.2	36.3	42.9	49.9	57.0	
160	2.63	2.59	2.60	2.59	2.51	2.44	2.40	2.59	3.30	4.40	4.12	6.03	17.6	28.0	34.7	41.8	49.3	57.0	
170	2.70	2.73	2.68	2.59	2.53	2.49	2.44	2.44	3.34	5.10	6.03	4.54	16.9	26.6	33.7	41.1	48.9	57.0	
180	2.78	2.77	2.72	2.67	2.65	2.57	2.52	2.49	3.43	6.13	8.02	3.72	18.4	26.5	33.4	40.9	48.8	57.0	

H( $\beta$ ) Range:-90 - 90DEGH( $\beta$ ) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-28

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: