

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	200.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	233.2V x 180.0H
	At 50% of Imax	149.1V x 151.2H
	At 90% of Imax	65.1V x 75.0H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	979.5 lumens per klm.
	To 50% of Imax	729.4 lumens per klm.
	To 90% of Imax	186.9 lumens per klm.

Upward LOR	14.5 %
Downward LOR	85.5 %

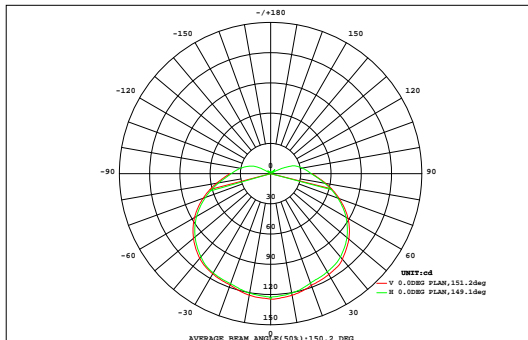
Luminaire Efficiency(Light Output Ratio)	100.0 %
--	---------

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-27

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:0.0967A P:19.54W PF:0.9150 Lamp Flux:620.729x1 lm		
NAME: L1433/A-WT-12-All-Prism	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:31.77lm/W	
MODEL	CREE	Imax(cd)	124.6
NOMINAL POWER(W)	20	AVAILABILITY(%)	97.9
RATED VOLTAGE(V)	AC 220V	Avai. FLUX(lm)	607.7
NOMINAL FLUX(lm)	620.729	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	620.7
TEST VOLTAGE(V)	AC 220V	θ @50%(H,V)	151,149DEG

VERTICAL( DEG )	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.11	0.33	0.56	0.80	1.03	1.21	1.34	1.41	1.43	1.42	1.38	1.30	1.19	1.03	0.82	0.58	0.34	0.11	16.4	16.4
90	0.11	0.36	0.64	0.95	1.26	1.52	1.73	1.86	1.91	1.90	1.83	1.69	1.50	1.26	0.96	0.66	0.37	0.12	20.6	20.6
80	0.12	0.39	0.72	1.10	1.50	1.85	2.12	2.31	2.40	2.38	2.28	2.09	1.83	1.50	1.12	0.74	0.40	0.12	25.0	25.0
70	0.12	0.42	0.80	1.24	1.71	2.14	2.47	2.71	2.81	2.81	2.68	2.45	2.13	1.71	1.26	0.82	0.43	0.12	28.8	28.8
60	0.12	0.44	0.87	1.37	1.89	2.38	2.75	3.01	3.13	3.13	2.99	2.73	2.37	1.90	1.38	0.89	0.45	0.13	31.9	31.9
50	0.13	0.47	0.93	1.47	2.04	2.55	2.95	3.20	3.34	3.35	3.21	2.92	2.53	2.04	1.48	0.94	0.48	0.13	34.1	34.1
40	0.13	0.48	0.98	1.55	2.14	2.67	3.07	3.31	3.45	3.45	3.30	3.03	2.64	2.13	1.57	0.99	0.49	0.13	35.5	35.5
30	0.13	0.50	1.01	1.61	2.21	2.76	3.15	3.41	3.57	3.56	3.37	3.08	2.72	2.21	1.63	1.02	0.50	0.13	36.6	36.6
20	0.13	0.50	1.02	1.64	2.25	2.80	3.20	3.50	3.69	3.65	3.46	3.16	2.80	2.27	1.66	1.04	0.51	0.13	37.4	37.4
10	0.13	0.50	1.02	1.63	2.24	2.78	3.16	3.45	3.65	3.69	3.51	3.21	2.83	2.28	1.66	1.04	0.51	0.13	37.4	37.4
0	0.13	0.49	1.00	1.60	2.19	2.70	3.08	3.37	3.56	3.58	3.43	3.17	2.79	2.24	1.63	1.02	0.50	0.13	36.6	36.6
-10	0.13	0.48	0.97	1.54	2.11	2.62	3.03	3.32	3.48	3.48	3.35	3.10	2.70	2.17	1.57	0.99	0.49	0.13	35.7	35.7
-20	0.13	0.46	0.92	1.45	2.00	2.50	2.91	3.20	3.36	3.37	3.24	2.97	2.57	2.06	1.49	0.94	0.47	0.13	34.2	34.2
-30	0.12	0.44	0.86	1.35	1.85	2.32	2.69	2.96	3.11	3.13	3.02	2.77	2.39	1.90	1.38	0.88	0.45	0.12	31.7	31.7
-40	0.12	0.42	0.79	1.22	1.66	2.07	2.39	2.63	2.77	2.79	2.70	2.47	2.13	1.71	1.25	0.80	0.42	0.12	28.5	28.5
-50	0.12	0.39	0.71	1.07	1.44	1.77	2.03	2.22	2.33	2.35	2.28	2.10	1.83	1.49	1.10	0.72	0.39	0.12	24.5	24.5
-60	0.11	0.36	0.63	0.92	1.21	1.44	1.62	1.76	1.83	1.85	1.82	1.70	1.50	1.25	0.94	0.64	0.36	0.11	20.0	20.0
-70	0.11	0.34	0.56	0.78	0.99	1.14	1.24	1.32	1.36	1.38	1.38	1.32	1.19	1.02	0.80	0.57	0.34	0.11	15.9	15.9
-80	0.11	0.34	0.56	0.78	0.99	1.14	1.24	1.32	1.36	1.38	1.38	1.32	1.19	1.02	0.80	0.57	0.34	0.11	15.9	15.9
-90	0.11	0.34	0.56	0.78	0.99	1.14	1.24	1.32	1.36	1.38	1.38	1.32	1.19	1.02	0.80	0.57	0.34	0.11	15.9	15.9
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL( DEG ) 20 30 40 50 60 70 80 90																				
Φ t	2.19	7.76	15.0	23.3	31.7	39.2	44.9	49.0	51.2	51.3	49.2	45.3	39.7	32.2	23.7	15.3	7.91	2.23	531	---
Φ a	2.19	7.76	15.0	23.3	31.7	39.2	44.9	49.0	51.2	51.3	49.2	45.3	39.7	32.2	23.7	15.3	7.91	2.23	---	531

one-half-peak spread: U:74.3,D:75.6 , L:76.7,R:75.3

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-27

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:0.0967A P:19.54W PF:0.9150 Lamp Flux:620.729x1 lm		
NAME: L1433/A-WT-12-All-Prism	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

207.33 lm

%lum = 33.4%

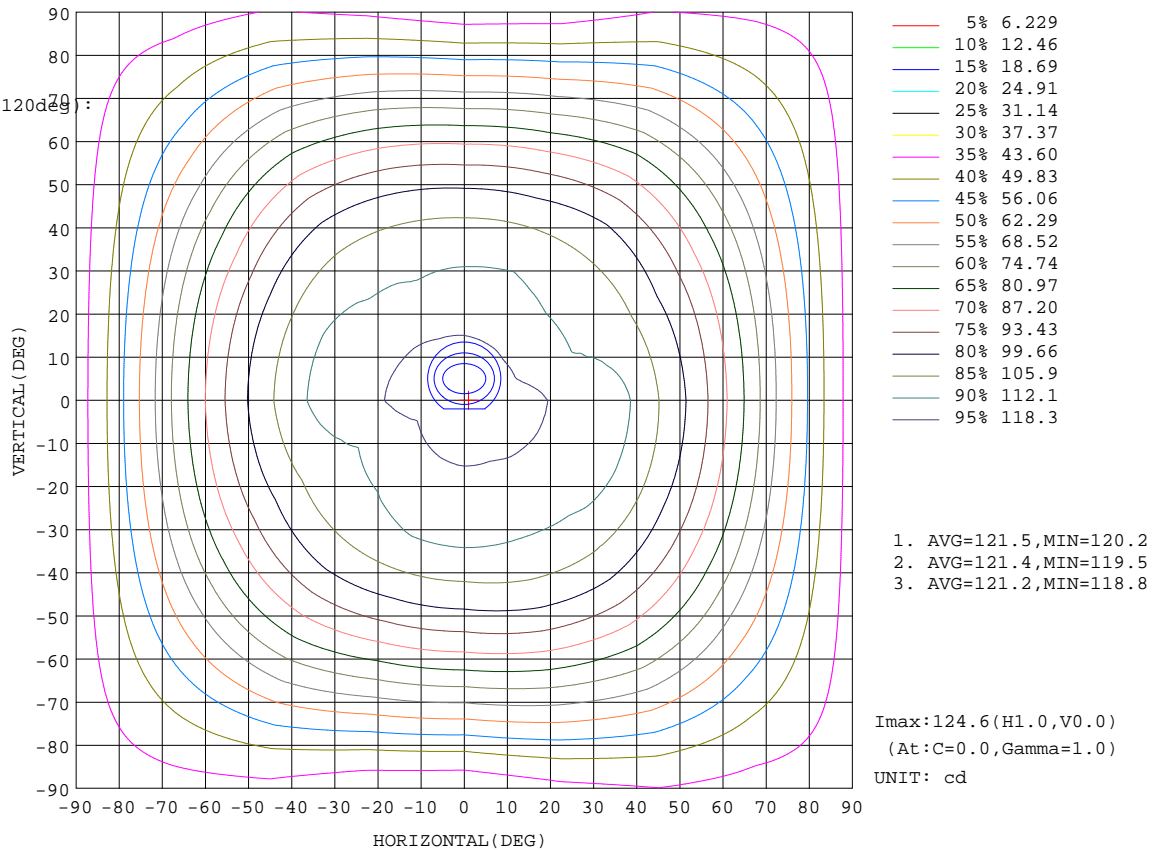
%lamp = 33.4%

Conical surface Flux(120deg):

332.44 lm

%lum = 53.6%

%lamp = 53.6%

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

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-27

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.290

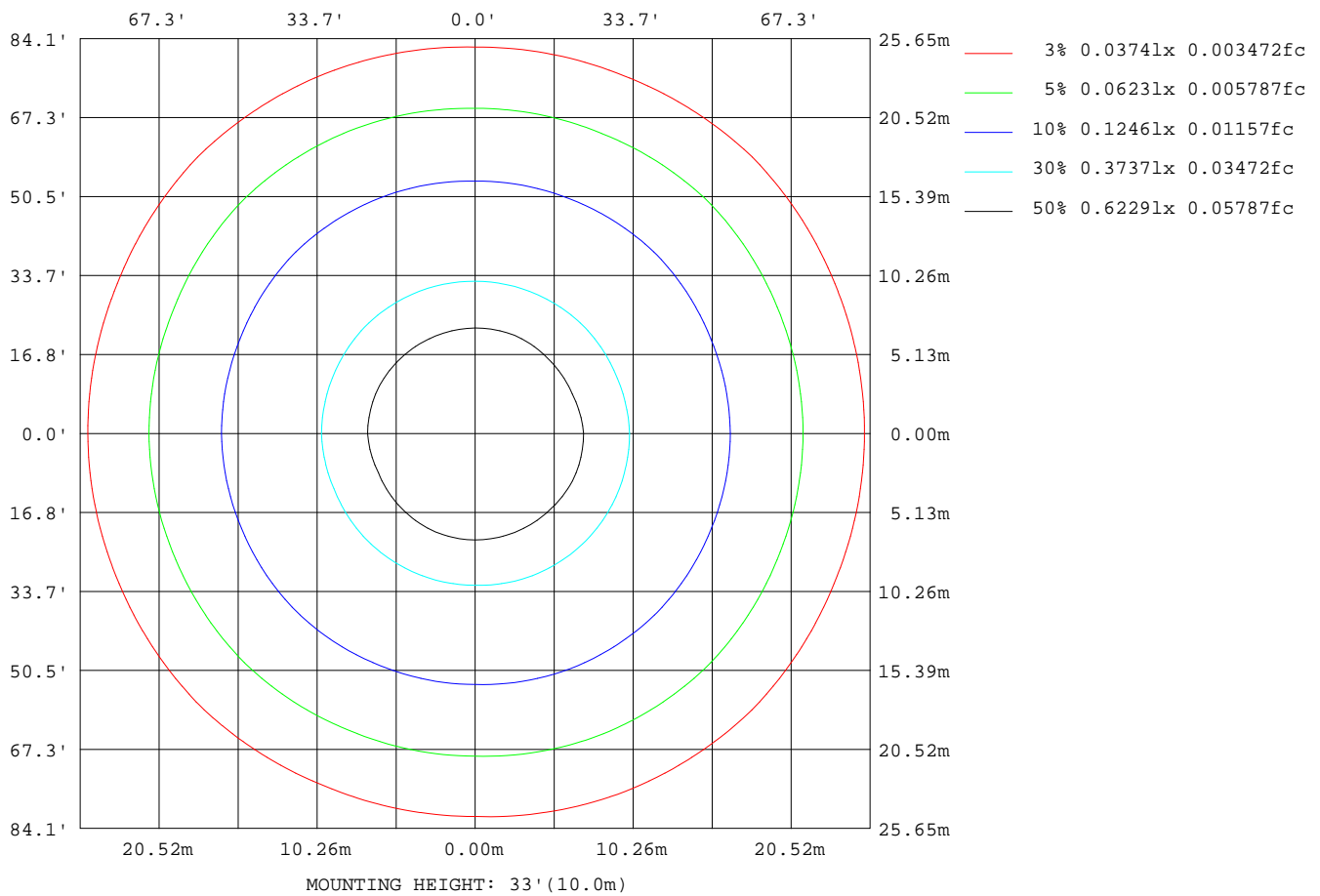
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

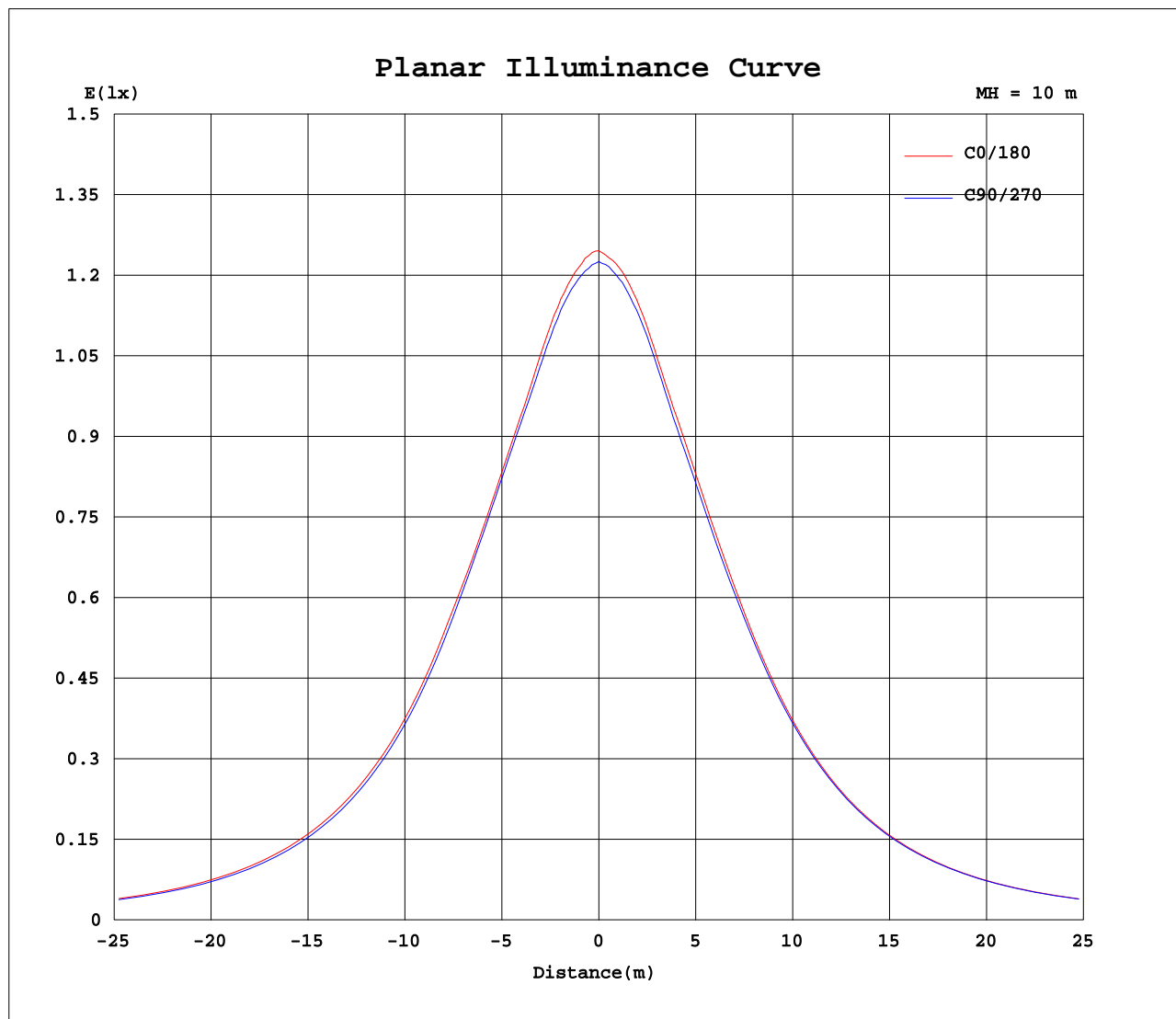
Test:U:220.7V I:0.0967A P:19.54W PF:0.9150 Lamp Flux:620.729x1 lm		
NAME: L1433/A-WT-12-All-Prism	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-27

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

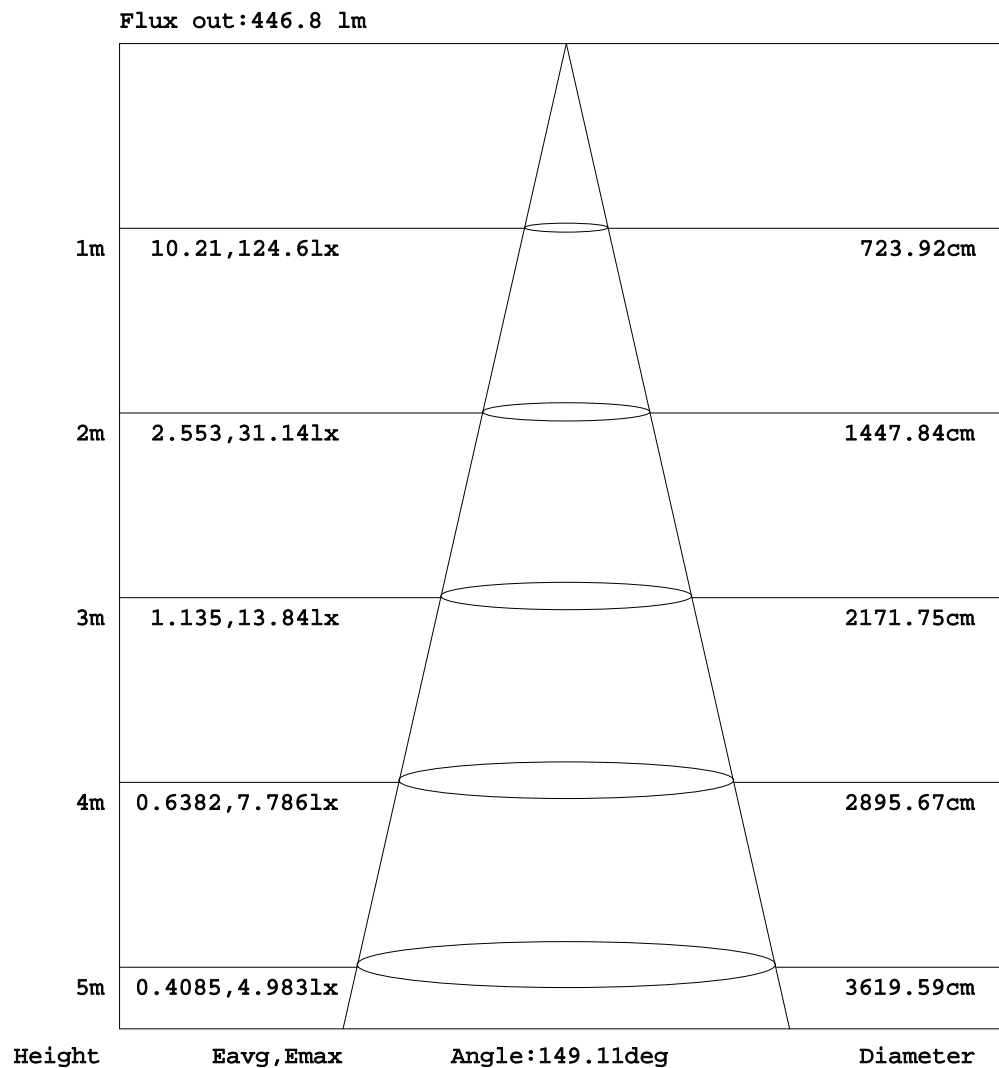


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-27

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:0.0967A P:19.54W PF:0.9150 Lamp Flux:620.729x1 lm		
NAME: L1433/A-WT-12-All-Prism	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:2018-12-27

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:0.0967A P:19.54W PF:0.9150 Lamp Flux:620.729x1 lm																	
NAME: L1433/A-WT-12-All-Prism									TYPE:PROJECTOR						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:1		
MFR.:									SUR.:						PROTECTION ANGLE:		

Table--1

UNIT: cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	40.7	36.2	31.8	27.4	23.1	18.3	5.02	6.76	7.81	4.78	2.37	1.92	1.95	1.99	2.02	2.02	2.02	2.02	1.95
-170	40.7	36.3	31.9	27.6	23.4	17.1	5.42	5.02	6.43	4.15	2.42	1.90	1.93	1.93	1.93	1.93	1.93	1.95	1.95
-160	40.7	36.6	32.4	28.3	24.2	17.8	6.56	3.30	5.01	3.63	2.47	1.96	1.91	1.93	1.93	1.94	1.95	1.94	1.92
-150	40.7	36.9	33.1	29.3	25.5	20.8	9.88	3.48	3.59	3.61	3.16	2.31	1.97	1.92	1.92	1.93	1.94	1.92	1.89
-140	40.7	37.4	34.0	30.7	27.3	24.0	17.4	5.82	3.43	3.83	4.04	4.40	3.65	3.53	3.16	2.93	2.46	2.22	2.13
-130	40.7	38.0	35.1	32.4	29.6	26.8	23.5	15.7	7.01	4.11	4.29	3.87	3.16	2.80	2.50	2.51	2.60	2.34	1.81
-120	40.7	38.6	36.5	34.3	32.2	30.1	28.0	24.3	17.9	9.01	3.44	6.31	9.05	9.22	7.78	6.78	6.56	6.87	7.73
-110	40.7	39.4	38.0	36.6	35.2	33.8	32.4	31.0	29.8	28.6	26.8	24.0	22.6	22.6	23.3	22.8	22.4	22.1	22.0
-100	40.7	40.1	39.5	38.9	38.3	37.7	37.0	36.4	35.8	35.2	34.3	33.4	32.6	31.9	31.4	31.1	30.9	30.8	30.7
-90	40.7	40.9	41.1	41.3	41.5	41.7	41.8	41.9	42.0	42.1	41.5	41.0	40.4	39.9	39.6	39.5	39.4	39.3	39.2
-80	40.7	41.7	42.8	44.0	45.1	46.3	47.4	48.5	49.5	50.6	51.0	51.2	51.3	51.3	51.5	51.8	52.0	52.1	52.1
-70	40.7	42.6	44.8	47.1	49.6	52.2	54.6	57.1	59.5	61.7	63.3	64.5	65.5	66.2	67.0	67.8	68.4	68.7	68.8
-60	40.7	43.5	46.8	50.6	54.4	58.3	62.1	65.8	69.2	72.4	75.1	77.2	79.0	80.4	81.6	83.0	84.0	84.6	84.9
-50	40.7	44.3	48.9	53.9	59.1	64.1	68.9	73.5	77.9	81.9	85.4	88.4	90.8	92.8	94.4	95.8	96.9	97.6	97.9
-40	40.7	45.1	50.7	56.9	63.2	69.2	74.9	80.3	85.3	89.8	93.8	97.3	100	102	104	105	107	107	108
-30	40.7	45.7	52.2	59.4	66.5	73.4	79.9	85.8	91.0	95.7	99.8	103	106	108	110	112	113	114	114
-20	40.7	46.2	53.4	61.3	69.1	76.6	83.7	90.1	95.5	100.0	104	107	109	111	112	114	115	116	116
-10	40.7	46.5	54.1	62.4	70.7	78.7	86.2	92.8	98.4	103	107	110	112	112	114	116	118	120	120
0	40.7	46.6	54.3	62.8	71.3	79.5	87.3	94.0	99.9	105	110	113	115	116	118	120	122	124	125
10	40.7	46.5	54.1	62.5	70.8	78.8	86.4	93.2	99.0	104	109	112	114	115	116	118	120	120	120
20	40.7	46.2	53.4	61.4	69.3	77.0	84.2	90.8	96.5	101	106	109	112	113	114	114	115	115	116
30	40.7	45.7	52.3	59.5	66.8	73.9	80.5	86.7	92.3	97.3	102	105	108	110	111	111	112	112	113
40	40.7	45.0	50.7	57.0	63.5	69.7	75.7	81.3	86.8	91.6	95.8	99.3	102	104	105	106	107	108	108
50	40.7	44.3	48.8	54.0	59.3	64.6	69.7	74.9	79.6	84.0	87.9	91.1	93.4	95.3	96.8	97.9	98.5	98.8	98.8
60	40.7	43.4	46.7	50.6	54.6	58.6	63.0	67.2	71.1	74.7	77.9	80.2	82.2	83.8	85.1	85.9	86.4	86.5	86.3
70	40.7	42.5	44.6	47.0	49.6	52.4	55.5	58.5	61.5	64.2	66.2	67.7	69.0	70.1	70.9	71.2	71.4	71.3	70.9
80	40.7	41.6	42.6	43.7	44.8	46.2	48.0	49.8	51.5	53.1	53.8	54.4	54.9	55.3	55.5	55.4	55.1	54.8	54.3
90	40.7	40.8	40.9	41.0	41.1	41.5	42.1	42.7	43.3	43.9	43.7	43.4	43.2	42.9	42.5	42.0	41.5	40.9	40.4
100	40.7	40.0	39.4	38.7	38.1	37.7	37.5	37.3	37.1	37.0	36.3	35.7	35.1	34.5	34.0	33.4	32.9	32.4	32.1
110	40.7	39.3	37.9	36.5	35.0	33.8	32.9	32.0	31.1	30.2	28.5	26.5	25.4	25.2	25.5	24.6	23.9	23.2	22.8
120	40.7	38.6	36.4	34.3	32.2	30.2	28.5	25.7	21.0	13.3	6.36	6.19	6.72	5.79	3.94	3.22	3.02	2.97	3.14
130	40.7	37.9	35.1	32.4	29.7	27.1	24.2	16.8	7.45	4.79	5.77	6.90	6.08	4.52	4.05	4.08	3.74	3.03	2.07
140	40.7	37.4	34.0	30.7	27.5	24.3	17.4	5.99	3.90	5.76	5.76	4.90	4.08	3.65	3.71	3.72	3.24	2.94	2.81
150	40.7	36.9	33.1	29.3	25.6	20.9	9.99	3.48	3.66	3.83	3.42	2.32	2.01	1.96	1.93	1.90	1.89	1.90	1.92
160	40.7	36.6	32.4	28.3	24.3	17.8	6.67	3.25	5.06	3.81	2.68	2.00	1.91	1.92	1.95	1.94	1.91	1.93	1.96
170	40.7	36.3	31.9	27.7	23.4	17.2	5.43	5.04	6.49	4.26	2.45	1.90	1.91	1.94	1.94	1.96	1.98	1.94	1.96
180	40.7	36.2	31.8	27.4	23.1	18.3	5.02	6.76	7.81	4.78	2.37	1.92	1.95	1.99	2.02	2.02	2.02	2.02	1.96

H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 0.5DEG  
 Test Speed: HIGH  
 Temperature:30DEG  
 Operators:Matthew  
 Test Date:2018-12-27

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:0.0967A P:19.54W PF:0.9150 Lamp Flux:620.729x1 lm																		
NAME: L1433/A-WT-12-All-Prism										TYPE:PROJECTOR					WEIGHT:			
SPEC.:										DIM.:					SERIAL No.:1			
MFR.:										SUR.:					PROTECTION ANGLE:			

Table--2

UNIT: cd

H(°) \ V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	1.98	1.97	1.96	1.95	1.92	1.92	1.90	2.12	4.78	8.09	7.62	4.52	18.3	23.6	27.9	32.3	36.8	41.4	
-170	1.97	1.96	1.98	2.00	2.00	1.96	1.92	2.28	4.11	6.87	5.76	4.94	16.6	23.6	28.1	32.5	36.9	41.4	
-160	1.95	1.96	1.94	1.94	1.95	1.93	1.97	2.89	4.16	5.64	3.52	6.07	16.8	24.4	28.8	32.9	37.1	41.4	
-150	1.92	1.93	1.94	1.92	1.94	2.00	2.48	3.57	4.18	3.78	3.17	8.27	19.4	25.9	29.8	33.5	37.5	41.4	
-140	2.28	2.58	3.04	3.20	3.46	3.57	4.35	5.40	4.72	3.34	4.28	14.7	24.0	27.7	31.1	34.5	37.9	41.4	
-130	2.32	2.68	2.67	2.58	3.61	4.94	4.99	4.59	4.15	5.90	14.4	23.6	27.2	30.0	32.8	35.6	38.5	41.4	
-120	6.96	6.73	6.97	7.95	9.38	9.26	7.08	5.88	12.1	20.2	25.5	28.5	30.4	32.5	34.7	36.9	39.1	41.4	
-110	22.4	22.9	23.5	24.3	24.2	24.5	25.6	27.7	29.5	30.6	31.7	32.9	34.0	35.4	36.9	38.4	39.8	41.4	
-100	31.2	31.7	32.4	33.0	33.7	34.3	34.9	35.6	36.4	36.7	37.1	37.5	37.9	38.5	39.2	39.9	40.6	41.4	
-90	39.9	40.6	41.2	41.9	42.4	42.6	42.9	43.2	43.5	43.1	42.7	42.2	41.8	41.6	41.5	41.5	41.4	41.4	
-80	52.8	53.4	53.8	54.1	54.2	53.9	53.6	53.1	52.4	51.0	49.6	48.1	46.6	45.3	44.2	43.2	42.2	41.4	
-70	69.4	69.7	69.8	69.7	69.1	68.1	67.0	65.6	63.8	61.2	58.4	55.6	52.7	50.1	47.6	45.2	43.1	41.4	
-60	85.3	85.4	85.1	84.4	83.2	81.6	79.7	77.6	74.6	71.2	67.4	63.3	59.1	55.1	51.2	47.4	44.0	41.4	
-50	98.3	98.3	98.0	97.0	95.5	93.5	91.1	88.0	84.1	79.9	75.3	70.3	65.2	59.9	54.6	49.6	44.9	41.4	
-40	108	108	107	106	105	103	100.0	96.5	92.4	87.5	82.1	76.4	70.5	64.2	57.8	51.5	45.7	41.4	
-30	114	113	113	112	111	109	106	103	98.4	93.6	87.8	81.5	74.8	67.7	60.4	53.1	46.4	41.4	
-20	116	116	115	114	114	113	111	107	103	97.7	92.1	85.3	78.0	70.3	62.3	54.3	46.9	41.4	
-10	120	120	118	117	116	115	114	110	105	100	94.5	87.7	80.0	71.9	63.5	55.1	47.3	41.4	
0	124	122	121	118	117	115	114	111	106	101	95.4	88.6	80.8	72.4	63.9	55.4	47.4	41.4	
10	119	118	116	114	113	112	111	108	104	99.7	94.2	87.6	80.1	72.0	63.6	55.2	47.3	41.4	
20	115	114	113	112	111	110	108	105	101	96.9	91.6	85.3	78.1	70.5	62.6	54.6	47.1	41.4	
30	112	112	111	110	108	107	104	101	97.2	92.7	87.5	81.6	75.0	68.1	60.8	53.5	46.6	41.4	
40	108	107	106	105	103	101	99.0	95.6	91.7	87.2	82.1	76.7	71.0	64.8	58.4	51.9	45.9	41.4	
50	98.6	98.0	97.0	96.0	94.6	92.8	90.6	87.7	84.1	80.1	75.6	71.0	66.0	60.8	55.4	50.1	45.2	41.4	
60	86.3	85.8	85.0	83.8	82.7	81.3	79.7	77.7	74.8	71.6	68.0	64.3	60.3	56.2	52.0	47.9	44.3	41.4	
70	70.9	70.7	70.2	69.4	68.8	68.0	67.1	66.0	64.3	61.9	59.4	56.8	54.1	51.3	48.5	45.8	43.4	41.4	
80	54.4	54.3	54.1	53.9	53.8	53.8	53.6	53.5	53.1	51.9	50.6	49.3	47.9	46.5	45.1	43.8	42.5	41.4	
90	40.5	40.6	40.7	40.8	41.2	41.8	42.5	43.1	43.8	43.5	43.3	43.1	42.9	42.6	42.3	42.0	41.7	41.4	
100	32.1	32.3	32.5	32.7	33.3	34.1	35.0	36.0	36.9	37.4	37.9	38.4	39.0	39.5	39.9	40.4	40.9	41.4	
110	23.1	23.5	24.1	24.7	24.4	24.7	25.9	28.1	30.3	31.4	32.5	33.8	35.0	36.3	37.6	38.8	40.1	41.4	
120	3.32	4.01	5.37	7.78	9.58	9.72	7.55	6.21	12.4	20.6	26.1	29.3	31.3	33.3	35.3	37.4	39.4	41.4	
130	3.56	4.72	4.98	4.04	3.52	4.16	6.34	5.65	4.63	6.01	14.9	24.3	27.9	30.6	33.3	36.0	38.7	41.4	
140	2.94	3.27	3.85	3.84	3.64	3.72	4.41	4.50	5.29	4.12	4.53	15.1	24.6	28.2	31.5	34.8	38.1	41.4	
150	1.88	1.86	1.86	1.86	1.89	1.84	1.85	2.34	3.13	4.25	3.76	8.40	19.7	26.3	30.1	33.8	37.6	41.4	
160	1.91	1.87	1.90	1.90	1.86	1.83	1.81	1.83	2.67	4.89	3.93	6.37	16.9	24.7	29.0	33.0	37.2	41.4	
170	1.92	1.94	1.90	1.85	1.84	1.84	1.84	2.15	3.48	6.21	5.84	5.11	16.6	23.7	28.2	32.6	36.9	41.4	
180	1.98	1.97	1.96	1.95	1.92	1.92	1.90	2.12	4.78	8.09	7.62	4.52	18.3	23.6	27.9	32.3	36.8	41.4	

H(β) Range:-90 - 90DEG

H(β) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-27

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: