

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	197.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	235.0V x 180.0H
	At 50% of Imax	151.1V x 154.0H
	At 90% of Imax	74.9V x 82.1H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	974.0 lumens per klm.
	To 50% of Imax	716.5 lumens per klm.
	To 90% of Imax	232.7 lumens per klm.

Upward LOR	15.3 %
Downward LOR	84.7 %

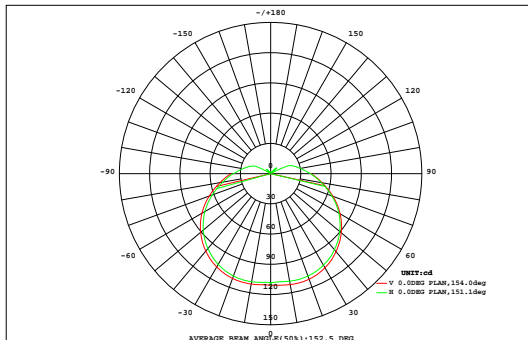
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-28

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:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.7V I:0.0977A P:19.76W PF:0.9163 Lamp Flux:566.963x1 lm		
NAME: L1433/A-WT-12-All-Drum	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:28.69lm/W	
MODEL	CREE	Imax(cd)	112.0
NOMINAL POWER(W)	20	AVAILABILITY(%)	97.3
RATED VOLTAGE(V)	AC 220V	Avai. FLUX(lm)	551.8
NOMINAL FLUX(lm)	566.963	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	567.0
TEST VOLTAGE(V)	AC 220V	θ @50%(H,V)	154,151DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.11	0.32	0.54	0.74	0.94	1.10	1.22	1.32	1.36	1.36	1.31	1.22	1.09	0.93	0.74	0.53	0.32	0.11	15.3	15.3
90	0.11	0.34	0.60	0.86	1.12	1.35	1.53	1.67	1.74	1.74	1.67	1.53	1.34	1.11	0.85	0.59	0.34	0.11	18.6	18.6
80	0.11	0.37	0.66	0.99	1.32	1.62	1.88	2.06	2.16	2.16	2.06	1.87	1.62	1.31	0.98	0.66	0.37	0.11	22.3	22.3
70	0.12	0.39	0.73	1.11	1.52	1.89	2.20	2.42	2.54	2.54	2.41	2.19	1.88	1.50	1.10	0.72	0.39	0.12	25.8	25.8
60	0.12	0.41	0.79	1.23	1.69	2.12	2.47	2.72	2.85	2.85	2.71	2.45	2.10	1.67	1.21	0.78	0.41	0.12	28.7	28.7
50	0.12	0.43	0.84	1.33	1.83	2.30	2.68	2.95	3.08	3.08	2.93	2.66	2.27	1.80	1.31	0.84	0.43	0.12	31.0	31.0
40	0.12	0.44	0.88	1.40	1.94	2.44	2.84	3.11	3.23	3.22	3.08	2.80	2.39	1.90	1.39	0.88	0.45	0.12	32.6	32.6
30	0.12	0.45	0.91	1.45	2.01	2.53	2.94	3.20	3.30	3.28	3.15	2.88	2.48	1.99	1.45	0.92	0.46	0.13	33.6	33.6
20	0.12	0.46	0.93	1.48	2.05	2.58	2.99	3.25	3.31	3.27	3.20	2.97	2.57	2.06	1.49	0.94	0.47	0.13	34.3	34.3
10	0.12	0.46	0.92	1.47	2.03	2.55	2.95	3.18	3.27	3.34	3.27	3.01	2.60	2.07	1.49	0.94	0.47	0.13	34.3	34.3
0	0.12	0.45	0.90	1.43	1.96	2.45	2.84	3.13	3.28	3.31	3.21	2.95	2.54	2.02	1.46	0.92	0.46	0.13	33.6	33.6
-10	0.12	0.44	0.86	1.36	1.86	2.34	2.75	3.04	3.20	3.23	3.11	2.84	2.44	1.94	1.41	0.89	0.45	0.12	32.4	32.4
-20	0.12	0.42	0.82	1.27	1.75	2.21	2.60	2.88	3.04	3.05	2.93	2.67	2.28	1.83	1.33	0.85	0.43	0.12	30.6	30.6
-30	0.12	0.40	0.76	1.17	1.61	2.03	2.38	2.64	2.79	2.80	2.68	2.44	2.09	1.68	1.23	0.79	0.42	0.12	28.2	28.2
-40	0.11	0.38	0.70	1.06	1.44	1.80	2.11	2.34	2.46	2.47	2.37	2.16	1.86	1.50	1.11	0.73	0.39	0.12	25.1	25.1
-50	0.11	0.36	0.63	0.93	1.24	1.54	1.79	1.97	2.07	2.08	2.00	1.83	1.59	1.29	0.98	0.66	0.37	0.11	21.6	21.6
-60	0.11	0.33	0.57	0.81	1.05	1.27	1.45	1.59	1.66	1.66	1.61	1.49	1.31	1.09	0.85	0.60	0.35	0.11	17.9	17.9
-70	0.10	0.31	0.51	0.70	0.88	1.03	1.16	1.24	1.29	1.29	1.26	1.18	1.06	0.91	0.73	0.54	0.32	0.11	14.6	14.6
-80	0.10	0.31	0.51	0.70	0.88	1.03	1.16	1.24	1.29	1.29	1.26	1.18	1.06	0.91	0.73	0.54	0.32	0.11	14.6	14.6
-90	0.10	0.31	0.51	0.70	0.88	1.03	1.16	1.24	1.29	1.29	1.26	1.18	1.06	0.91	0.73	0.54	0.32	0.11	14.6	14.6
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																				
Φ t	2.10	7.17	13.5	20.8	28.2	35.1	40.8	44.7	46.6	46.7	45.0	41.1	35.5	28.6	21.1	13.8	7.30	2.13	480	---
Φ a	2.10	7.17	13.5	20.8	28.2	35.1	40.8	44.7	46.6	46.7	45.0	41.1	35.5	28.6	21.1	13.8	7.30	2.13	---	480

one-half-peak spread: U:61.9,D:64.0 , L:65.1,R:64.7

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:0.0977A P:19.76W PF:0.9163 Lamp Flux:566.963x1 lm		
NAME: L1433/A-WT-12-All-Drum	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

190.38 lm

%lum = 33.6%

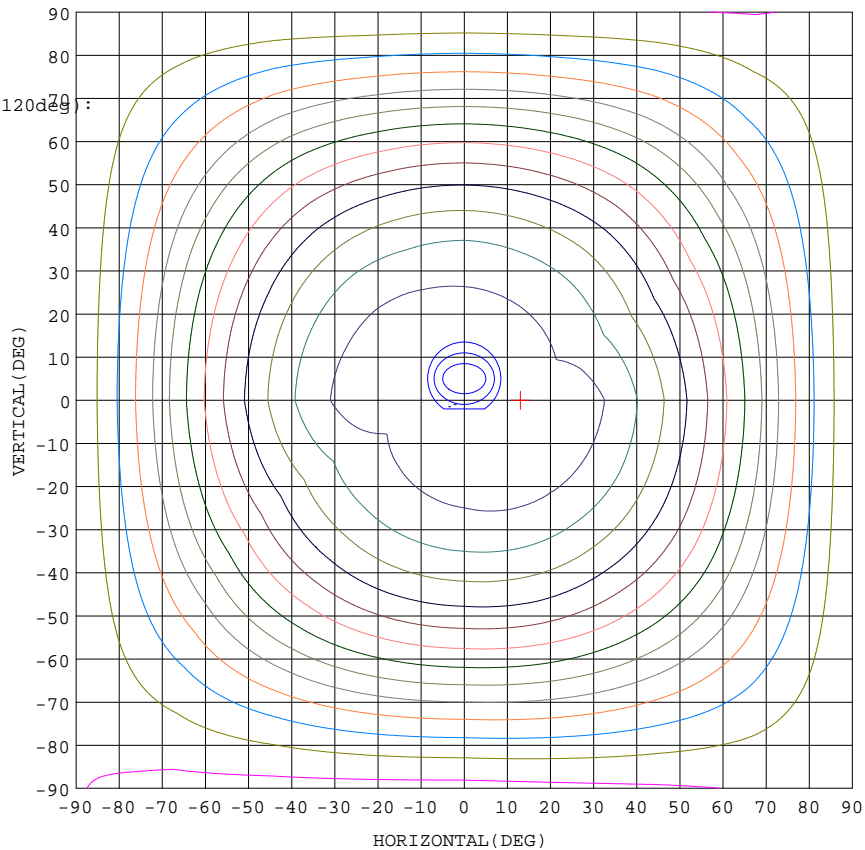
%lamp = 33.6%

Conical surface Flux(120deg):

302 lm

%lum = 53.3%

%lamp = 53.3%

H(β) Range:-90 - 90DEGH(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

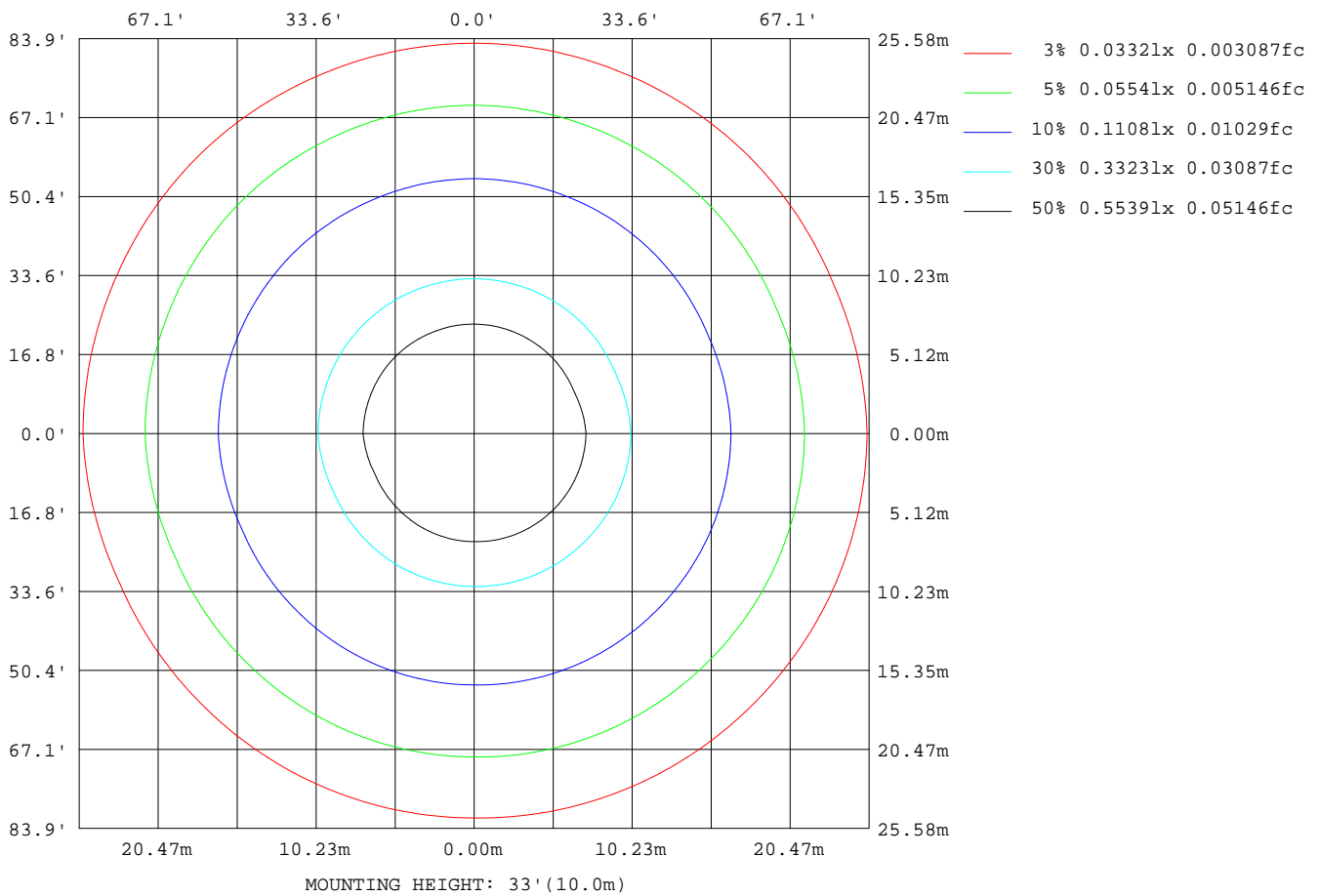
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

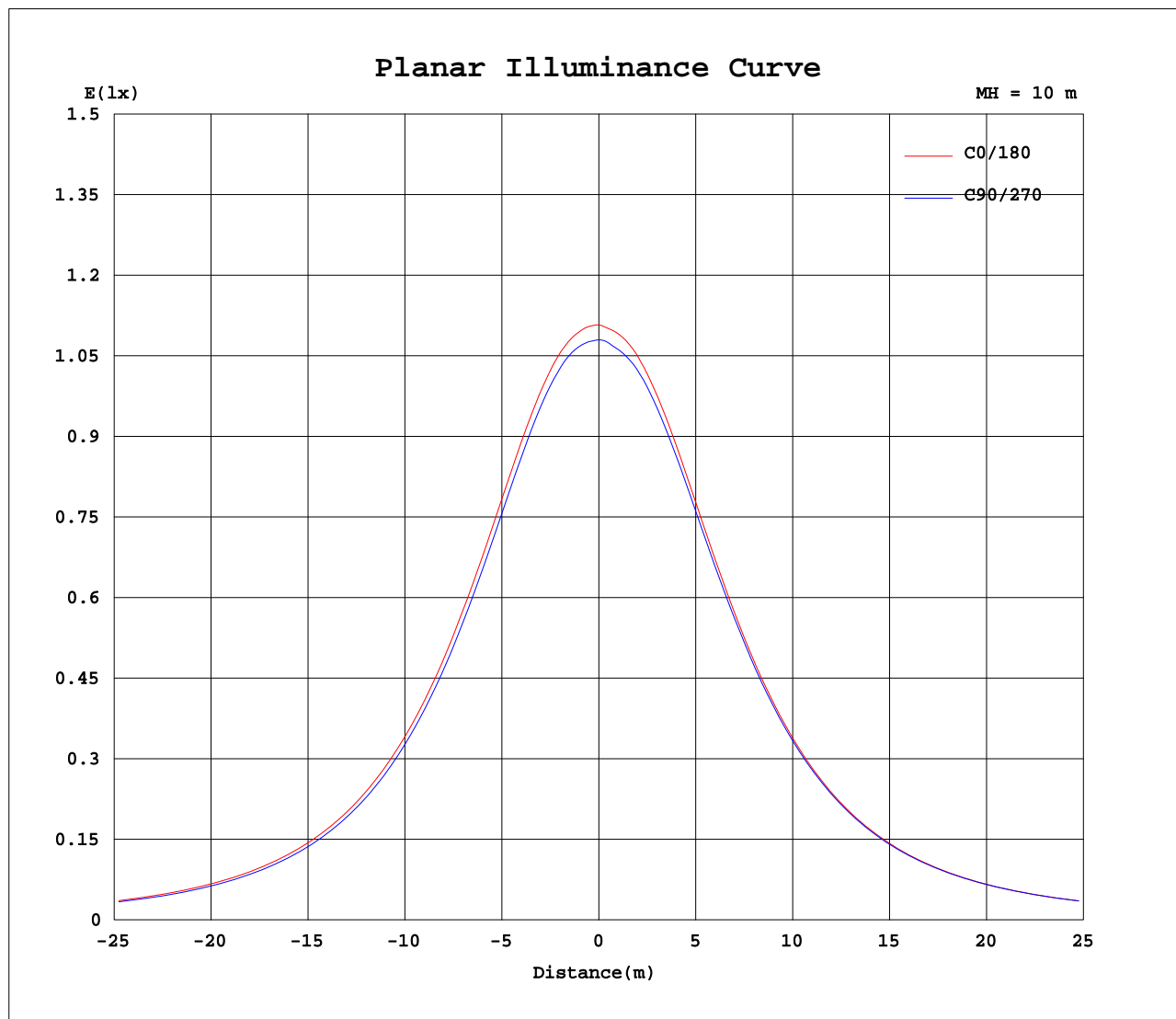
Test:U:220.7V I:0.0977A P:19.76W PF:0.9163 Lamp Flux:566.963x1 lm		
NAME: L1433/A-WT-12-All-Drum	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



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:

Planar Illuminance Curve

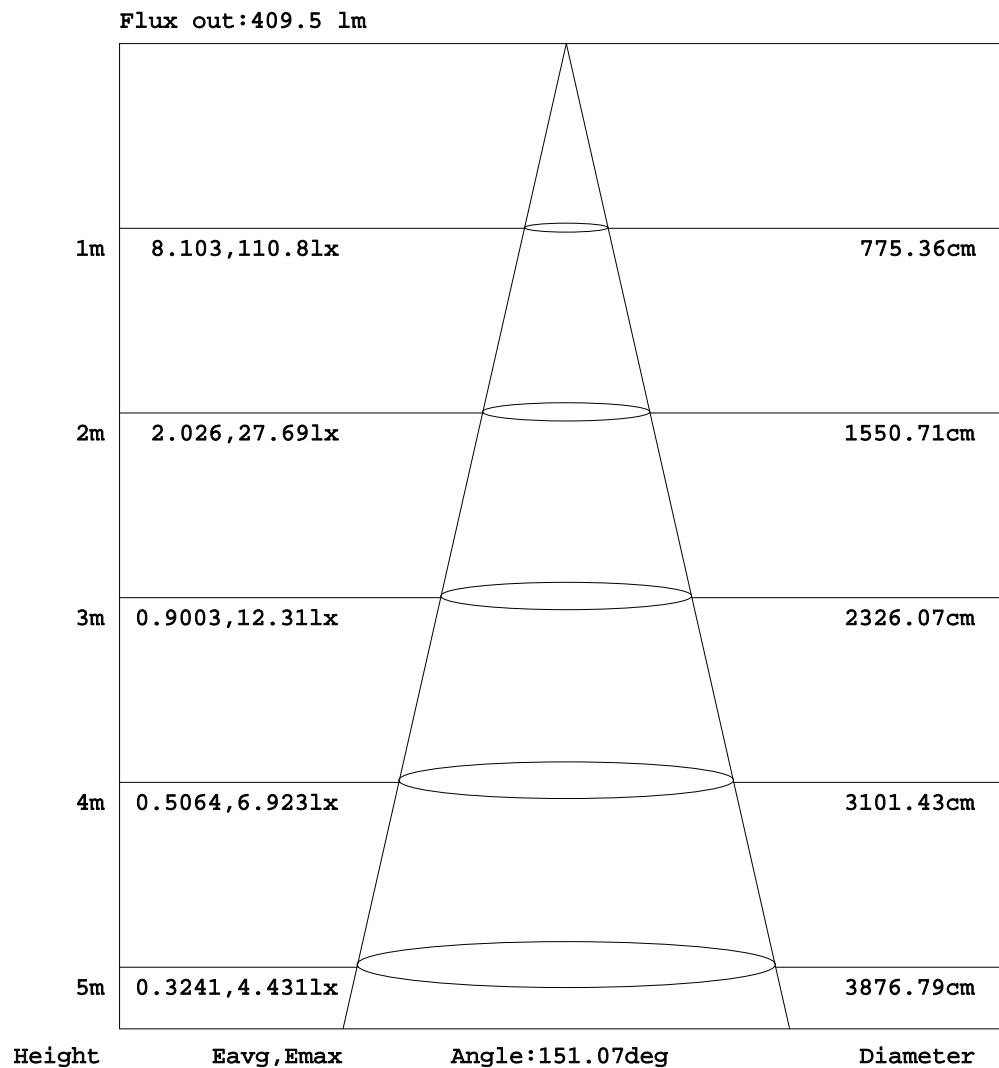


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-28

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:

AAI Figure

Test:U:220.7V I:0.0977A P:19.76W PF:0.9163 Lamp Flux:566.963x1 lm		
NAME: L1433/A-WT-12-All-Drum	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(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:0.0977A P:19.76W PF:0.9163 Lamp Flux:566.963x1 lm																		
NAME: L1433/A-WT-12-All-Drum									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	39.4	34.1	29.6	26.0	22.8	18.3	5.48	8.19	10.7	8.01	5.46	3.26	1.83	1.86	1.85	1.85	1.85	1.85	1.79
-170	39.4	34.1	29.6	26.0	22.8	17.2	5.88	6.64	8.73	6.58	4.71	2.90	1.79	1.80	1.80	1.80	1.80	1.81	1.79
-160	39.4	34.2	29.9	26.3	23.2	17.8	7.02	4.86	6.81	5.22	3.99	3.19	1.96	1.79	1.79	1.80	1.80	1.80	1.78
-150	39.4	34.5	30.4	27.0	24.0	20.2	10.3	4.29	5.58	5.28	4.58	3.70	2.79	2.66	1.99	1.79	1.81	1.80	1.78
-140	39.4	35.0	31.2	27.9	25.1	22.6	16.9	6.52	4.24	4.86	5.64	6.03	5.20	5.54	5.40	5.64	5.09	4.77	4.68
-130	39.4	35.6	32.2	29.2	26.7	24.4	21.9	15.0	7.06	4.48	4.94	4.02	3.24	3.53	3.32	3.29	3.17	2.66	1.88
-120	39.4	36.3	33.4	30.9	28.6	26.6	25.0	22.0	16.7	8.84	3.87	6.18	8.93	9.33	8.14	6.94	6.36	6.25	6.67
-110	39.4	37.1	34.9	32.9	31.1	29.5	28.3	27.2	26.2	25.4	23.9	21.8	21.0	21.5	22.3	21.9	21.7	21.5	21.4
-100	39.4	38.0	36.6	35.3	34.1	33.1	32.3	31.6	31.0	30.4	29.9	29.5	29.2	28.9	28.7	28.5	28.3	28.2	28.2
-90	39.4	39.0	38.5	38.1	37.6	37.4	37.3	37.2	37.1	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
-80	39.4	40.0	40.4	40.9	41.3	41.8	42.6	43.3	44.0	44.6	45.3	46.0	46.5	47.0	47.5	47.8	48.0	48.2	48.2
-70	39.4	40.9	42.3	43.7	45.1	46.5	48.2	49.9	51.6	53.2	54.8	56.2	57.6	58.8	59.8	60.5	61.1	61.4	61.6
-60	39.4	41.7	44.1	46.5	48.9	51.3	54.1	57.0	59.8	62.4	64.9	67.2	69.2	71.0	72.5	73.7	74.6	75.1	75.4
-50	39.4	42.6	45.8	49.2	52.7	56.3	60.1	63.9	67.6	71.1	74.2	77.1	79.7	81.9	83.8	85.2	86.3	87.0	87.3
-40	39.4	43.3	47.4	51.8	56.3	61.0	65.5	70.0	74.4	78.5	82.1	85.3	88.1	90.7	92.8	94.5	95.7	96.5	96.9
-30	39.4	43.9	48.8	54.0	59.5	65.1	70.4	75.4	79.8	84.2	88.1	91.7	94.7	97.4	99.6	101	103	104	104
-20	39.4	44.4	49.9	55.8	62.1	68.4	74.4	79.9	84.7	88.9	92.5	96.2	99.4	102	104	105	107	108	108
-10	39.4	44.8	50.6	57.1	63.9	70.7	77.2	83.1	88.4	93.1	97.1	100	103	105	106	107	108	108	109
0	39.4	45.0	51.0	57.7	64.9	72.0	78.8	85.0	90.7	95.8	100	104	107	109	111	111	111	111	111
10	39.4	44.9	50.8	57.4	64.4	71.4	78.0	84.2	89.6	94.7	99.1	103	106	108	109	110	110	109	108
20	39.4	44.6	50.2	56.4	63.0	69.6	76.0	81.9	87.1	91.9	96.3	99.9	103	105	107	108	108	108	108
30	39.4	44.2	49.3	54.8	60.8	66.9	72.7	78.2	83.2	87.7	91.7	95.3	98.3	101	102	104	104	105	105
40	39.4	43.6	48.1	52.8	57.9	63.2	68.3	73.2	77.8	82.0	85.6	88.8	91.6	93.8	95.6	96.8	97.8	98.4	98.5
50	39.4	42.9	46.6	50.4	54.5	58.7	62.9	67.1	71.0	74.7	77.9	80.7	83.0	85.0	86.6	87.9	88.8	89.3	89.5
60	39.4	42.1	44.9	47.8	50.7	53.8	56.9	60.1	63.1	66.0	68.5	70.7	72.6	74.3	75.6	76.7	77.4	77.9	78.1
70	39.4	41.3	43.1	45.0	46.9	48.8	50.8	52.8	54.7	56.5	58.2	59.6	60.8	61.9	62.8	63.5	64.1	64.4	64.5
80	39.4	40.4	41.3	42.2	43.1	44.0	44.9	45.8	46.7	47.5	48.2	48.8	49.3	49.7	50.1	50.4	50.7	50.9	51.0
90	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.6	39.7	39.7	39.7	39.6	39.5	39.5	39.4	39.5	39.5	39.5	39.5
100	39.4	38.4	37.5	36.6	35.7	34.9	34.2	33.6	33.0	32.5	32.0	31.5	31.1	30.7	30.4	30.2	30.1	30.1	30.1
110	39.4	37.5	35.7	34.0	32.5	31.1	29.9	28.8	27.9	27.1	25.7	24.2	23.5	23.5	23.8	23.5	23.2	23.0	23.0
120	39.4	36.6	34.1	31.8	29.8	28.0	26.5	24.1	20.2	13.6	7.26	6.93	7.38	6.62	4.63	3.51	3.07	2.84	2.92
130	39.4	35.9	32.7	30.0	27.6	25.6	23.3	16.6	7.72	5.04	6.13	7.19	7.15	5.81	5.12	5.18	4.96	4.19	2.95
140	39.4	35.2	31.6	28.5	25.9	23.5	17.1	6.88	4.85	6.98	7.68	6.76	6.04	5.90	6.22	6.79	6.24	5.76	5.51
150	39.4	34.7	30.7	27.4	24.6	20.6	10.5	4.55	5.64	5.54	4.81	3.53	2.95	2.85	2.35	2.01	1.77	1.77	1.77
160	39.4	34.4	30.1	26.6	23.6	17.9	7.30	4.83	6.85	5.24	4.04	3.24	1.97	1.81	1.81	1.80	1.78	1.77	1.79
170	39.4	34.1	29.8	26.2	23.0	17.3	5.97	6.64	8.77	6.59	4.69	2.94	1.81	1.80	1.80	1.81	1.82	1.79	1.79
180	39.4	34.1	29.6	26.0	22.8	18.3	5.48	8.19	10.7	8.01	5.46	3.26	1.83	1.86	1.85	1.85	1.85	1.85	1.79

H(β) Range:-90 - 90DEG
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 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:0.0977A P:19.76W PF:0.9163 Lamp Flux:566.963x1 lm																		
NAME: L1433/A-WT-12-All-Drum									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	1.82	1.82	1.80	1.79	1.80	1.78	2.24	1.99	7.96	10.7	8.76	5.09	17.9	22.9	26.2	30.0	34.6	40.1	
-170	1.81	1.80	1.82	1.83	1.83	1.81	1.88	2.98	6.74	8.91	7.10	5.45	16.5	22.9	26.4	30.1	34.6	40.1	
-160	1.80	1.81	1.80	1.80	1.80	1.80	2.78	4.15	5.63	7.12	5.02	6.51	16.9	23.5	26.8	30.5	34.8	40.1	
-150	1.80	1.81	1.80	1.99	2.56	2.65	3.67	4.82	5.55	5.68	4.13	8.76	19.3	24.6	27.6	31.1	35.2	40.1	
-140	4.77	5.08	5.62	5.36	5.32	4.85	5.84	6.60	5.77	4.16	5.05	15.1	23.0	25.9	28.7	31.9	35.7	40.1	
-130	2.26	2.42	2.39	2.80	4.02	5.04	5.14	4.93	4.22	6.73	15.0	22.6	25.5	27.7	30.2	33.1	36.4	40.1	
-120	6.38	6.60	7.24	8.45	9.52	9.15	7.61	7.73	13.2	19.5	23.7	26.2	28.0	29.9	32.0	34.4	37.1	40.1	
-110	21.5	21.8	22.1	22.6	22.3	22.5	23.3	24.8	26.1	27.2	28.3	29.6	31.0	32.6	34.2	36.1	38.0	40.1	
-100	28.3	28.5	28.7	29.0	29.4	29.8	30.3	30.8	31.5	32.2	33.0	33.9	34.9	35.9	36.8	37.9	39.0	40.1	
-90	37.3	37.4	37.6	37.8	37.9	38.1	38.2	38.4	38.5	38.8	39.0	39.2	39.5	39.6	39.8	39.9	40.0	40.1	
-80	48.4	48.5	48.4	48.3	48.1	47.8	47.4	46.9	46.4	45.9	45.3	44.7	44.1	43.3	42.5	41.7	40.9	40.1	
-70	61.7	61.6	61.3	60.8	60.1	59.2	58.0	56.8	55.4	53.9	52.3	50.7	49.1	47.3	45.4	43.6	41.8	40.1	
-60	75.5	75.3	74.8	73.9	72.6	71.1	69.3	67.2	64.9	62.4	59.8	57.0	54.1	51.2	48.3	45.4	42.7	40.1	
-50	87.4	87.1	86.5	85.3	83.8	81.9	79.6	76.9	73.9	70.6	67.0	63.2	59.1	55.0	51.0	47.2	43.5	40.1	
-40	97.0	96.7	96.0	94.7	93.0	90.7	88.1	85.2	81.8	77.8	73.4	68.7	63.6	58.5	53.4	48.7	44.2	40.1	
-30	104	104	103	102	100	97.9	95.0	91.7	87.9	83.7	78.6	73.2	67.4	61.5	55.5	50.0	44.8	40.1	
-20	108	108	108	107	105	103	100	96.6	92.4	87.7	82.5	76.6	70.3	63.8	57.1	51.0	45.3	40.1	
-10	110	110	111	110	109	106	103	99.7	95.3	90.3	84.8	78.7	72.2	65.2	58.2	51.6	45.6	40.1	
0	111	112	112	111	110	108	105	101	96.5	91.4	85.8	79.6	72.9	65.8	58.6	51.8	45.7	40.1	
10	108	108	108	107	106	104	102	98.3	94.2	89.5	84.2	78.3	71.9	65.0	58.1	51.5	45.5	40.1	
20	108	107	106	105	103	101	97.8	94.1	90.5	86.2	81.4	75.9	69.8	63.4	56.9	50.8	45.2	40.1	
30	105	104	103	101	99.3	96.8	93.8	90.2	86.2	81.7	77.3	72.3	66.8	61.0	55.2	49.8	44.8	40.1	
40	98.2	97.5	96.4	94.9	93.0	90.6	87.8	84.5	80.8	76.7	72.3	67.6	62.9	58.0	53.1	48.5	44.1	40.1	
50	89.2	88.6	87.5	86.2	84.5	82.4	80.0	77.1	73.8	70.3	66.4	62.3	58.3	54.4	50.6	46.9	43.4	40.1	
60	77.9	77.3	76.5	75.4	73.9	72.2	70.3	68.0	65.4	62.6	59.6	56.4	53.3	50.5	47.8	45.2	42.6	40.1	
70	64.4	64.1	63.5	62.7	61.8	60.6	59.3	57.8	56.2	54.3	52.4	50.4	48.4	46.6	45.0	43.3	41.7	40.1	
80	50.9	50.7	50.4	50.0	49.6	49.1	48.6	47.9	47.2	46.4	45.5	44.5	43.5	42.7	42.1	41.4	40.8	40.1	
90	39.5	39.5	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.4	39.2	39.1	39.0	39.1	39.3	39.6	39.8	40.1	
100	30.0	30.1	30.2	30.3	30.6	30.9	31.3	31.8	32.3	32.8	33.4	34.0	34.6	35.5	36.5	37.7	38.9	40.1	
110	23.0	23.1	23.3	23.6	23.2	23.1	23.7	25.1	26.7	27.5	28.5	29.6	30.8	32.3	34.0	35.9	37.9	40.1	
120	3.03	3.58	4.52	6.08	7.81	8.29	7.31	7.03	12.6	19.3	23.6	26.0	27.6	29.6	31.8	34.3	37.0	40.1	
130	4.26	5.10	5.44	5.33	5.84	7.31	7.49	6.20	4.75	6.31	14.4	22.3	25.2	27.4	30.0	32.9	36.3	40.1	
140	5.74	6.21	6.76	6.12	5.32	5.02	6.85	7.94	7.37	4.87	5.07	14.6	22.8	25.8	28.6	31.8	35.7	40.1	
150	1.75	1.73	1.84	2.41	2.49	2.36	3.28	4.23	5.71	6.08	4.57	8.72	19.0	24.5	27.5	31.0	35.2	40.1	
160	1.74	1.74	1.75	1.74	1.72	1.68	1.77	3.72	5.06	7.14	5.27	6.72	16.7	23.4	26.7	30.4	34.8	40.1	
170	1.76	1.80	1.75	1.70	1.70	1.72	1.71	2.30	6.47	8.74	7.20	5.58	16.4	22.8	26.3	30.1	34.6	40.1	
180	1.82	1.82	1.80	1.79	1.80	1.78	2.24	1.99	7.96	10.7	8.76	5.09	17.9	22.9	26.2	30.0	34.6	40.1	

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: