

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	222.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	224.7V x 180.0H
	At 50% of Imax	140.5V x 140.6H
	At 90% of Imax	57.0V x 58.9H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	979.0 lumens per klm.
	To 50% of Imax	679.1 lumens per klm.
	To 90% of Imax	155.6 lumens per klm.

Upward LOR	12.9 %
Downward LOR	87.2 %

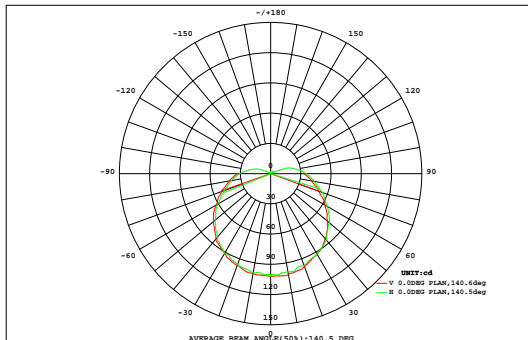
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-25

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:0.0973A P:19.65W PF:0.9151 Lamp Flux:460.989x1 lm		
NAME: L1433/t-RGBW-10-All-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:23.46lm/W	
MODEL	CREE XQE	Imax(cd)	102.4
NOMINAL POWER(W)	20	AVAILABILITY(%)	97.8
RATED VOLTAGE(V)	AC 220V	Avai. FLUX(lm)	451.0
NOMINAL FLUX(lm)	460.989	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	461.0
TEST VOLTAGE(V)	AC 220V	θ @50%(H,V)	141,141DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.09	0.27	0.45	0.63	0.80	0.95	1.06	1.14	1.19	1.19	1.14	1.06	0.94	0.79	0.62	0.44	0.27	0.09	13.1	13.1
90	0.09	0.29	0.50	0.72	0.93	1.13	1.29	1.40	1.47	1.47	1.40	1.28	1.11	0.92	0.71	0.49	0.28	0.09	15.6	15.6
80	0.09	0.31	0.54	0.81	1.08	1.34	1.55	1.70	1.79	1.79	1.70	1.54	1.32	1.06	0.79	0.53	0.30	0.09	18.4	18.4
70	0.10	0.32	0.59	0.90	1.23	1.55	1.82	2.01	2.12	2.13	2.01	1.80	1.53	1.21	0.89	0.58	0.32	0.10	21.2	21.2
60	0.10	0.33	0.63	0.99	1.38	1.76	2.06	2.30	2.42	2.42	2.29	2.05	1.72	1.35	0.97	0.62	0.33	0.10	23.8	23.8
50	0.10	0.35	0.67	1.07	1.49	1.91	2.28	2.54	2.68	2.68	2.53	2.26	1.89	1.47	1.05	0.66	0.34	0.10	26.1	26.1
40	0.10	0.36	0.71	1.13	1.58	2.05	2.44	2.71	2.84	2.84	2.69	2.42	2.02	1.57	1.11	0.69	0.35	0.10	27.7	27.7
30	0.10	0.37	0.73	1.17	1.65	2.14	2.54	2.82	2.97	2.95	2.79	2.51	2.12	1.64	1.16	0.72	0.36	0.10	28.8	28.8
20	0.10	0.37	0.74	1.20	1.69	2.19	2.59	2.89	3.04	3.01	2.88	2.59	2.19	1.69	1.18	0.73	0.37	0.10	29.5	29.5
10	0.10	0.37	0.73	1.19	1.68	2.17	2.56	2.85	2.99	3.04	2.90	2.62	2.20	1.70	1.19	0.73	0.36	0.10	29.5	29.5
0	0.10	0.36	0.72	1.15	1.62	2.08	2.46	2.76	2.94	2.96	2.83	2.56	2.15	1.65	1.16	0.72	0.36	0.10	28.7	28.7
-10	0.10	0.35	0.69	1.08	1.52	1.97	2.37	2.65	2.81	2.82	2.69	2.43	2.02	1.58	1.11	0.69	0.35	0.10	27.3	27.3
-20	0.10	0.34	0.65	1.01	1.41	1.82	2.18	2.47	2.62	2.63	2.50	2.22	1.85	1.46	1.04	0.66	0.34	0.10	25.4	25.4
-30	0.10	0.33	0.60	0.94	1.28	1.64	1.96	2.20	2.32	2.33	2.22	1.98	1.66	1.32	0.96	0.62	0.33	0.10	22.9	22.9
-40	0.09	0.31	0.56	0.84	1.15	1.44	1.70	1.90	2.00	2.01	1.90	1.71	1.46	1.17	0.86	0.57	0.31	0.09	20.1	20.1
-50	0.09	0.30	0.52	0.75	1.00	1.23	1.43	1.57	1.65	1.65	1.58	1.44	1.24	1.01	0.77	0.53	0.30	0.09	17.1	17.1
-60	0.09	0.28	0.47	0.67	0.86	1.03	1.18	1.28	1.33	1.33	1.28	1.18	1.04	0.87	0.68	0.48	0.28	0.09	14.4	14.4
-70	0.09	0.26	0.43	0.59	0.73	0.86	0.96	1.03	1.07	1.07	1.03	0.97	0.87	0.74	0.59	0.43	0.26	0.09	12.1	12.1
-80	0.09	0.26	0.43	0.59	0.73	0.86	0.96	1.03	1.07	1.07	1.03	0.97	0.87	0.74	0.59	0.43	0.26	0.09	12.1	12.1
-90	0.09	0.26	0.43	0.59	0.73	0.86	0.96	1.03	1.07	1.07	1.03	0.97	0.87	0.74	0.59	0.43	0.26	0.09	12.1	12.1
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																				
Φ t	1.74	5.85	10.9	16.8	23.1	29.2	34.4	38.2	40.3	40.3	38.4	34.6	29.3	23.2	16.8	10.9	5.82	1.73	402	---
Φ a	1.74	5.85	10.9	16.8	23.1	29.2	34.4	38.2	40.3	40.3	38.4	34.6	29.3	23.2	16.8	10.9	5.82	1.73	---	402

one-half-peak spread: U:30.4,D:23.0 , L:59.2,R:52.3

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-25

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:0.0973A P:19.65W PF:0.9151 Lamp Flux:460.989x1 lm		
NAME: L1433/t-RGBW-10-All-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

165.4 lm

%lum = 35.9%

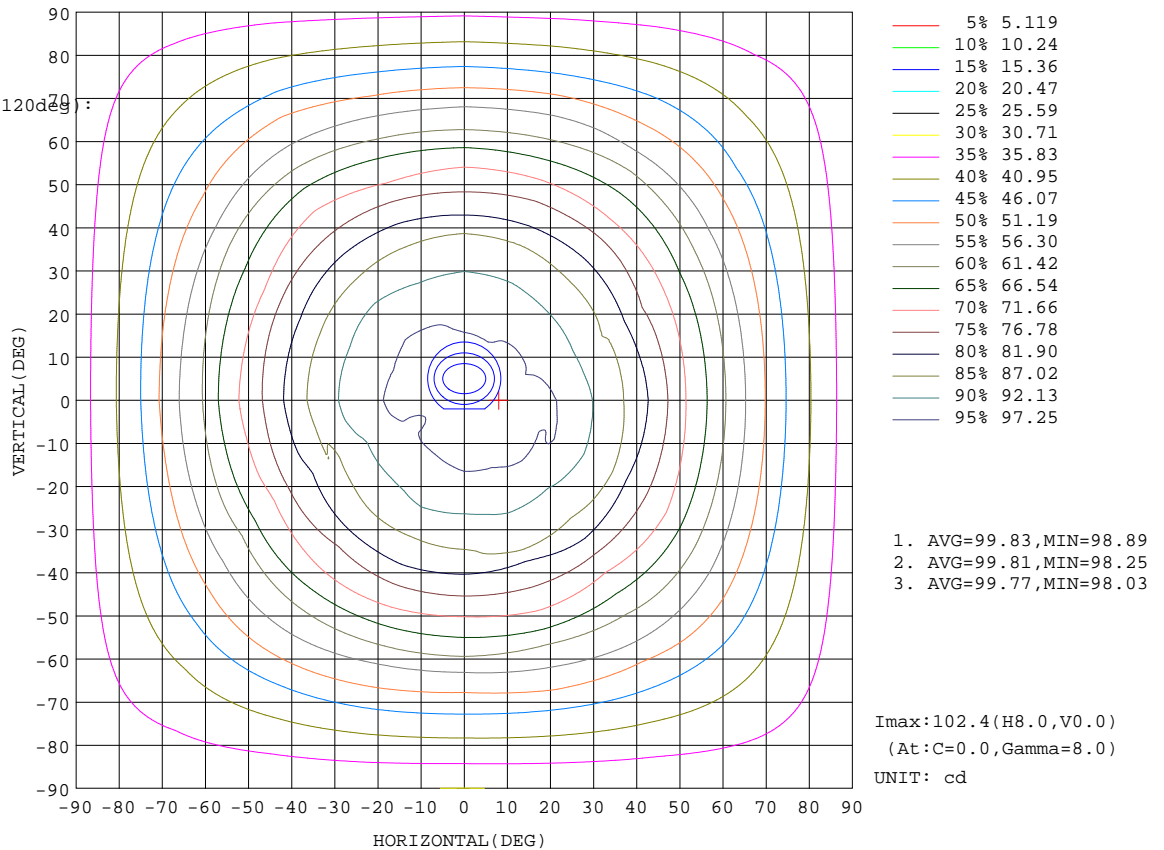
%lamp = 35.9%

Conical surface Flux(120deg):

256.74 lm

%lum = 55.7%

%lamp = 55.7%

H(β) Range:-90 - 90DEGH(β) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-25

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

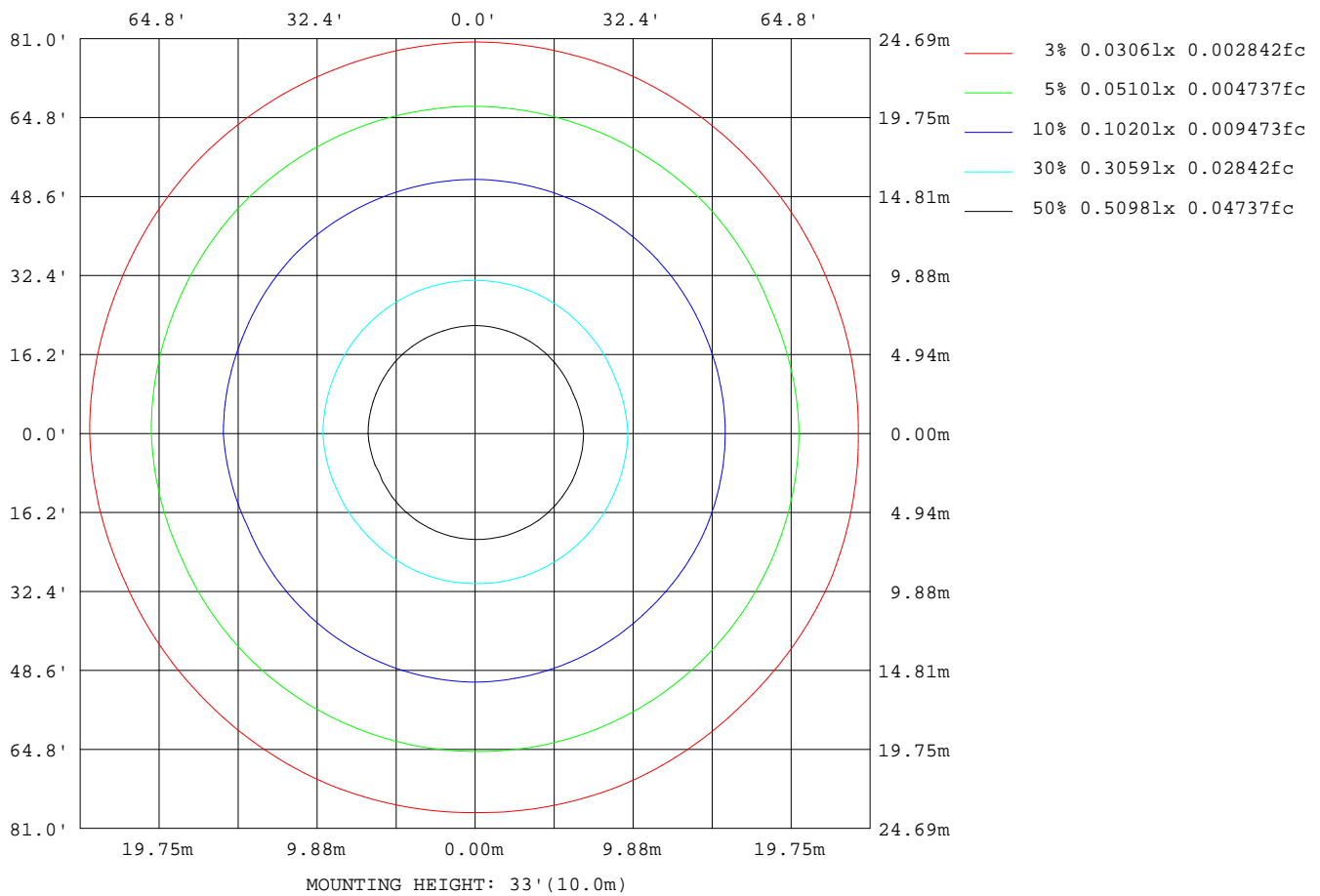
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

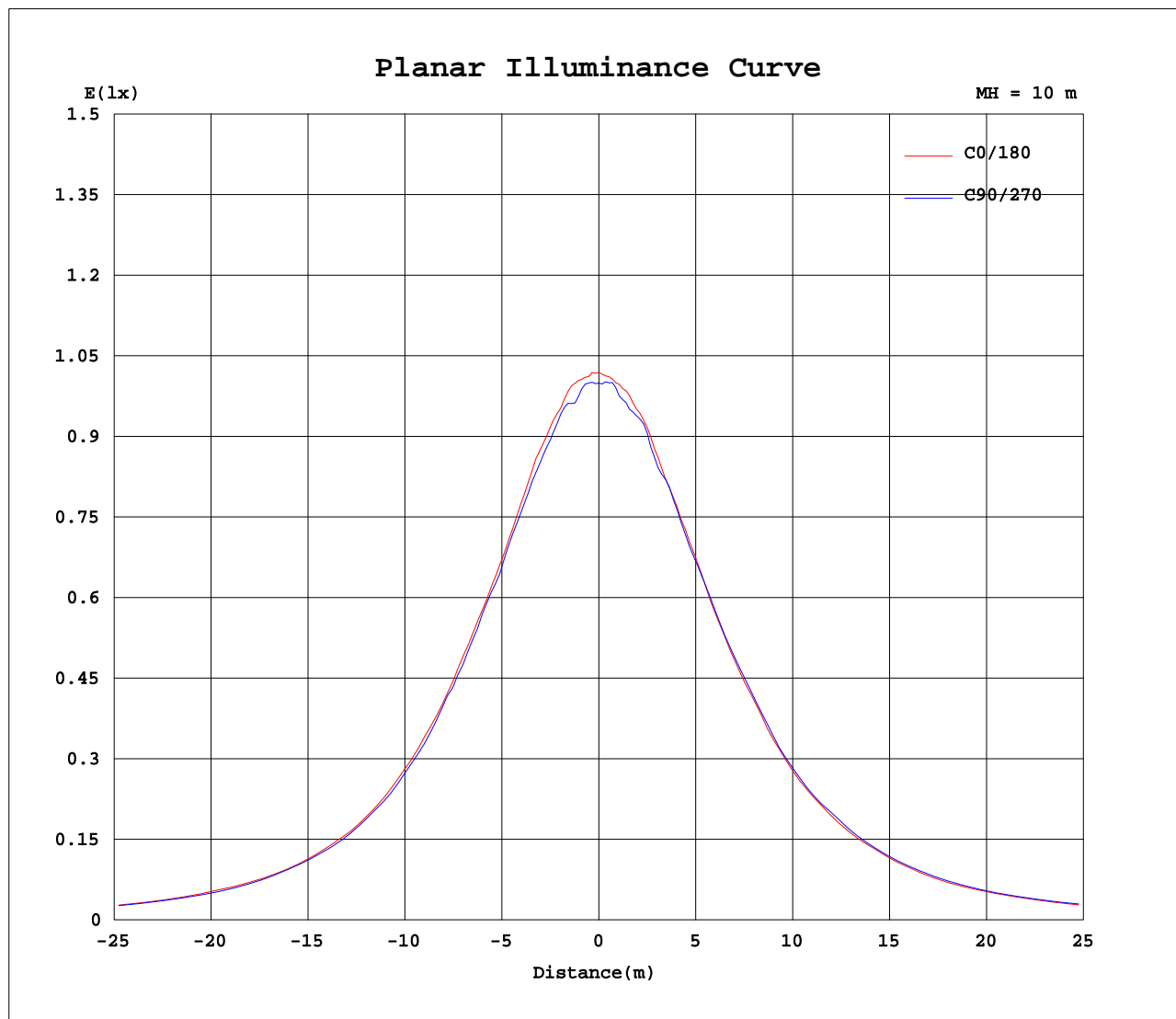
Test:U:220.7V I:0.0973A P:19.65W PF:0.9151 Lamp Flux:460.989x1 lm		
NAME: L1433/t-RGBW-10-All-Dome	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-25

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

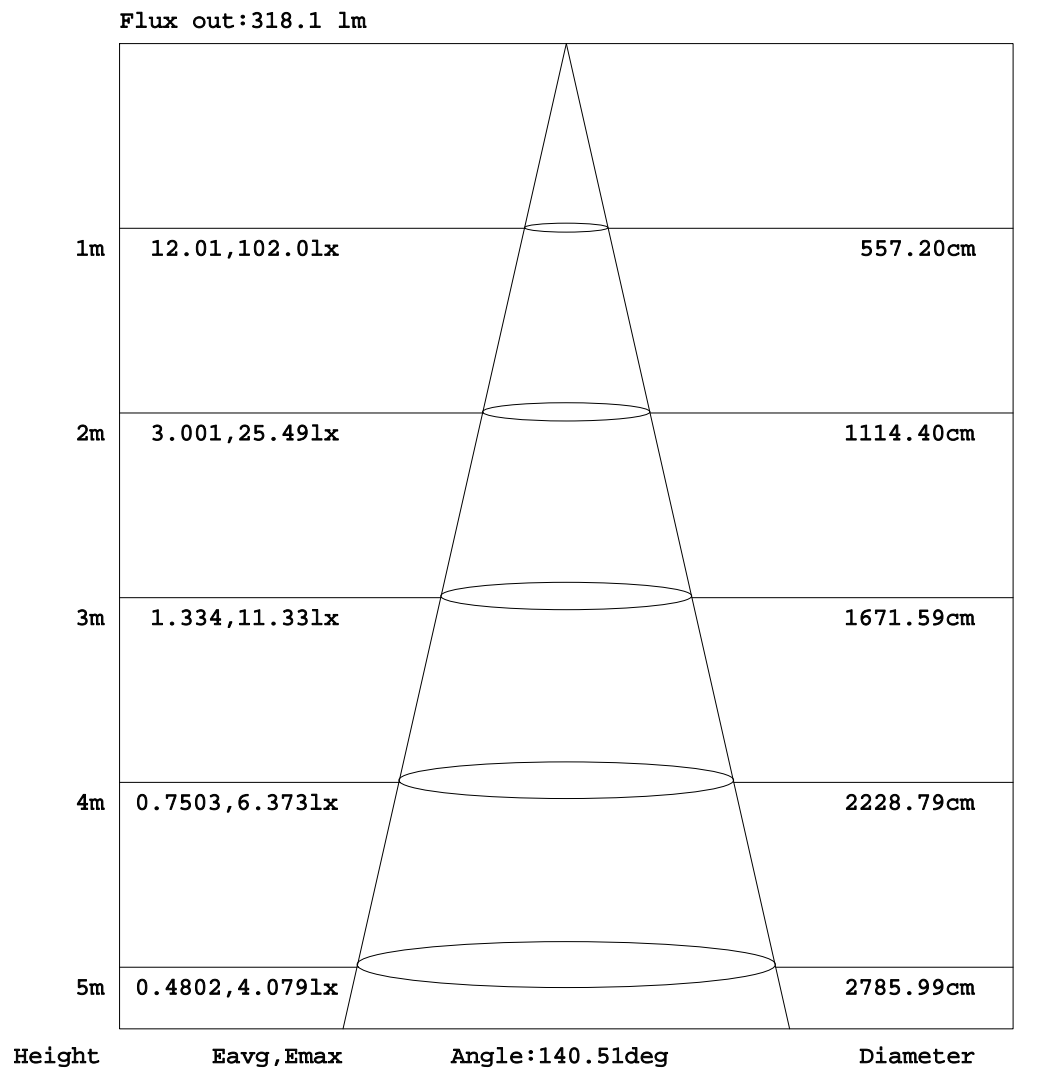


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-25

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:0.0973A P:19.65W PF:0.9151 Lamp Flux:460.989x1 lm		
NAME: L1433/t-RGBW-10-All-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(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-25

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:0.0973A P:19.65W PF:0.9151 Lamp Flux:460.989x1 lm																		
NAME: L1433/t-RGBW-10-All-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	32.9	28.2	23.6	19.3	15.0	4.84	4.21	5.71	3.46	1.87	1.42	1.45	1.50	1.54	1.55	1.55	1.55	1.55	1.54
-170	32.9	28.2	23.6	19.4	14.5	4.86	3.26	4.91	3.15	1.89	1.42	1.45	1.48	1.51	1.52	1.51	1.49	1.53	1.53
-160	32.9	28.4	24.0	19.8	15.0	5.82	2.24	3.95	2.96	2.03	1.46	1.44	1.45	1.46	1.45	1.47	1.51	1.51	1.47
-150	32.9	28.7	24.5	20.7	16.6	8.52	2.63	2.59	2.40	2.23	1.82	1.48	1.44	1.45	1.46	1.47	1.49	1.45	1.42
-140	32.9	29.1	25.4	21.8	18.5	13.1	4.46	2.21	2.28	2.52	2.46	2.04	1.77	1.51	1.43	1.43	1.43	1.43	1.42
-130	32.9	29.6	26.4	23.3	20.5	17.8	11.8	4.66	2.58	2.46	2.10	2.15	2.44	2.36	2.68	2.78	2.31	1.96	1.71
-120	32.9	30.3	27.7	25.2	22.8	20.6	17.7	12.7	6.45	2.77	2.84	3.82	3.14	1.98	1.42	1.45	1.44	1.42	1.41
-110	32.9	31.0	29.1	27.2	25.5	23.8	22.4	21.0	18.6	14.8	12.0	11.1	11.7	13.2	14.6	14.1	13.7	13.6	13.6
-100	32.9	31.8	30.6	29.5	28.4	27.5	26.7	25.9	25.2	24.6	24.0	23.5	23.1	22.7	22.4	22.1	21.9	21.8	21.7
-90	32.9	32.6	32.2	31.9	31.6	31.3	31.2	31.1	31.0	30.9	30.9	30.9	30.9	30.9	30.8	30.8	30.8	30.7	30.7
-80	32.9	33.3	33.8	34.1	34.5	34.9	35.5	36.1	36.6	37.0	37.5	38.0	38.4	38.8	39.1	39.3	39.4	39.5	39.5
-70	32.9	34.1	35.2	36.3	37.4	38.4	39.6	40.7	41.8	42.8	43.9	45.2	46.1	47.2	48.0	48.5	48.8	49.0	49.0
-60	32.9	34.8	36.6	38.4	40.1	41.6	43.5	45.7	47.6	49.9	51.9	53.8	55.1	56.4	57.9	59.1	59.8	60.2	60.4
-50	32.9	35.4	37.9	40.3	42.5	45.1	47.6	51.2	54.0	56.9	58.9	61.7	64.3	66.4	68.3	69.9	71.0	71.7	71.9
-40	32.9	36.0	39.0	42.0	45.1	48.5	52.4	55.9	59.1	62.6	66.5	70.0	72.6	75.2	77.3	79.3	81.1	82.0	82.4
-30	32.9	36.5	40.0	43.4	47.5	51.9	56.2	59.8	63.8	68.4	72.2	76.2	79.2	83.4	85.8	87.4	88.5	90.0	90.9
-20	32.9	36.9	40.7	44.8	49.7	54.5	58.9	63.7	68.7	72.7	77.6	81.0	85.5	87.5	90.5	92.2	94.2	95.2	95.8
-10	32.9	37.1	41.3	45.6	51.1	56.5	61.0	67.3	71.8	76.8	81.2	85.7	87.9	91.1	93.0	95.8	97.0	98.8	99.9
0	32.9	37.2	41.5	46.1	51.8	57.5	62.3	69.4	74.0	78.5	84.7	87.9	91.3	94.7	96.9	99.8	101	101	102
10	32.9	37.2	41.4	46.0	51.5	57.1	62.0	68.3	72.9	77.9	82.8	87.1	90.5	93.8	95.1	97.6	99.4	99.1	99.0
20	32.9	37.0	41.1	45.5	50.6	55.4	60.6	66.2	70.6	75.3	79.8	84.4	87.6	90.6	93.1	94.2	95.9	96.6	97.1
30	32.9	36.7	40.5	44.1	48.8	53.1	58.3	63.0	67.4	71.3	75.5	79.6	83.6	86.3	88.2	89.5	90.4	91.4	92.1
40	32.9	36.3	39.7	42.9	46.7	50.8	54.4	59.0	63.2	67.2	70.6	73.8	76.3	79.1	81.1	82.7	84.2	85.2	85.8
50	32.9	35.8	38.6	41.4	44.1	47.5	50.7	53.7	57.3	60.8	63.9	66.9	69.1	70.4	71.6	73.2	74.6	75.6	76.3
60	32.9	35.2	37.4	39.6	41.7	43.8	46.4	49.2	51.5	53.7	55.8	58.0	59.7	61.1	61.8	62.8	63.7	64.4	64.8
70	32.9	34.5	36.1	37.6	39.1	40.6	42.1	43.5	45.1	46.5	47.9	49.5	50.6	51.2	52.0	52.9	53.7	54.3	54.8
80	32.9	33.8	34.6	35.5	36.3	37.1	38.0	38.8	39.6	40.3	40.9	41.5	41.9	42.4	42.7	43.0	43.3	43.4	43.6
90	32.9	33.0	33.1	33.2	33.3	33.5	33.7	33.9	34.1	34.3	34.4	34.5	34.6	34.7	34.7	34.8	34.9	35.0	35.1
100	32.9	32.2	31.5	30.8	30.2	29.5	29.0	28.5	28.1	27.7	27.2	26.9	26.5	26.3	26.0	25.9	25.8	25.7	25.8
110	32.9	31.4	29.9	28.4	27.0	25.7	24.5	23.3	21.5	18.9	16.7	15.5	15.5	16.4	17.5	16.8	16.2	16.1	16.3
120	32.9	30.7	28.4	26.2	24.1	22.2	19.8	15.4	8.28	3.47	3.08	3.92	2.92	1.91	1.34	1.31	1.35	1.35	1.32
130	32.9	30.0	27.0	24.2	21.6	19.0	12.4	5.11	3.14	3.22	4.82	4.65	3.52	3.60	4.49	4.66	4.32	4.14	4.10
140	32.9	29.4	25.9	22.6	19.4	13.4	4.95	2.51	3.16	3.26	2.82	2.27	1.97	1.93	1.88	1.72	1.49	1.40	1.36
150	32.9	28.9	24.9	21.2	17.1	8.80	2.84	2.64	2.27	2.24	1.85	1.49	1.42	1.42	1.42	1.40	1.39	1.42	1.45
160	32.9	28.5	24.2	20.2	15.2	6.05	2.31	3.85	2.91	2.07	1.54	1.41	1.42	1.44	1.48	1.47	1.44	1.45	1.50
170	32.9	28.3	23.8	19.6	14.5	4.95	3.29	4.86	3.15	1.91	1.42	1.42	1.42	1.44	1.47	1.51	1.55	1.49	1.55
180	32.9	28.2	23.6	19.3	15.0	4.84	4.21	5.71	3.46	1.87	1.42	1.45	1.50	1.54	1.55	1.55	1.55	1.55	1.55

H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:Matthew
 Test Date:2018-12-25

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:0.0973A P:19.65W PF:0.9151 Lamp Flux:460.989x1 lm																		
NAME: L1433/t-RGBW-10-All-Dome									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	1.54	1.54	1.52	1.51	1.48	1.43	1.42	1.42	1.76	3.19	5.36	4.05	4.69	14.4	18.8	23.1	27.7	32.5	
-170	1.55	1.53	1.52	1.54	1.53	1.49	1.45	1.43	1.77	2.98	4.69	3.17	4.69	13.8	18.9	23.2	27.7	32.5	
-160	1.51	1.52	1.47	1.45	1.46	1.45	1.46	1.44	1.98	2.91	3.90	2.09	5.46	14.2	19.5	23.6	27.9	32.5	
-150	1.45	1.48	1.47	1.44	1.41	1.41	1.43	1.76	2.24	2.54	2.63	2.44	7.51	15.7	20.4	24.2	28.3	32.5	
-140	1.43	1.43	1.44	1.42	1.47	1.63	1.89	2.34	2.84	2.62	2.04	3.48	11.8	18.1	21.6	25.1	28.7	32.5	
-130	1.93	2.24	2.54	2.33	2.05	2.37	3.33	3.17	2.44	2.42	3.66	10.5	17.0	20.4	23.2	26.2	29.3	32.5	
-120	1.40	1.40	1.39	1.34	2.12	3.27	3.82	2.80	3.21	7.34	13.3	18.0	20.7	22.8	25.1	27.5	29.9	32.5	
-110	13.4	13.5	13.8	14.2	13.5	12.9	13.2	14.6	16.9	19.4	21.1	22.6	24.0	25.6	27.2	28.9	30.7	32.5	
-100	21.8	21.9	22.1	22.3	22.7	23.1	23.5	24.0	24.6	25.3	26.1	26.9	27.8	28.7	29.6	30.5	31.5	32.5	
-90	30.7	30.8	30.8	30.9	30.9	31.0	31.0	31.1	31.1	31.3	31.4	31.6	31.8	31.9	32.1	32.2	32.4	32.5	
-80	39.5	39.5	39.4	39.2	39.0	38.7	38.3	37.9	37.5	37.1	36.6	36.1	35.6	35.0	34.5	33.8	33.2	32.5	
-70	49.0	48.9	48.6	47.9	47.2	46.5	45.4	44.4	43.4	42.5	41.5	40.4	39.2	38.0	36.7	35.3	34.0	32.5	
-60	60.2	59.8	59.4	58.7	57.5	56.0	54.4	52.2	50.3	48.4	46.5	44.4	42.6	40.7	38.8	36.7	34.7	32.5	
-50	71.9	71.5	70.7	69.3	67.3	64.8	62.3	60.4	58.1	55.4	52.5	48.6	46.1	43.2	40.6	38.0	35.3	32.5	
-40	81.8	81.0	80.4	78.7	76.2	73.1	70.7	68.1	64.2	61.1	57.6	53.8	49.1	45.5	42.2	39.1	35.9	32.5	
-30	90.6	89.1	88.6	88.1	84.5	81.9	78.0	74.2	71.2	66.3	61.7	57.4	52.6	47.8	43.6	40.0	36.3	32.5	
-20	95.5	95.1	94.4	92.2	90.4	88.5	83.7	79.2	75.0	70.9	64.9	60.0	54.5	49.4	44.6	40.7	36.7	32.5	
-10	99.7	99.2	97.9	97.2	95.6	91.1	88.4	82.8	78.1	72.7	67.4	61.5	56.1	50.6	45.2	41.1	36.9	32.5	
0	102	102	100	98.2	94.9	91.9	89.4	84.2	79.6	73.5	68.3	62.1	56.7	51.0	45.5	41.3	37.0	32.5	
10	98.1	98.5	96.1	94.5	92.8	89.6	87.2	82.5	77.7	72.5	67.3	61.6	56.0	50.7	45.3	41.1	36.9	32.5	
20	96.3	95.5	93.8	92.0	89.5	87.1	83.4	78.4	74.8	70.1	65.1	59.9	54.4	49.8	44.7	40.7	36.7	32.5	
30	91.5	90.4	89.3	87.6	85.9	82.4	78.2	75.0	70.8	66.3	62.0	57.0	52.5	48.3	43.7	40.1	36.4	32.5	
40	85.1	83.9	82.4	80.3	78.3	75.9	72.4	69.1	65.9	62.0	57.1	53.7	49.9	45.8	42.4	39.2	36.0	32.5	
50	75.8	75.0	73.6	71.9	70.0	68.1	65.5	62.8	59.8	56.0	53.2	49.9	46.3	43.4	40.8	38.2	35.4	32.5	
60	64.4	63.8	63.0	61.9	60.5	58.7	56.7	55.1	52.9	50.4	48.2	45.5	43.0	41.0	39.0	36.9	34.8	32.5	
70	54.4	53.8	53.0	52.1	51.2	50.2	48.9	47.5	46.0	44.2	42.7	41.3	39.8	38.4	37.0	35.6	34.1	32.5	
80	43.4	43.2	42.9	42.6	42.2	41.7	41.1	40.4	39.7	38.9	38.1	37.2	36.3	35.5	34.8	34.1	33.3	32.5	
90	35.0	34.9	34.7	34.6	34.5	34.3	34.1	33.9	33.8	33.5	33.2	32.9	32.7	32.5	32.5	32.5	32.5	32.5	
100	25.7	25.7	25.7	25.8	26.0	26.2	26.5	26.8	27.2	27.5	27.9	28.3	28.7	29.4	30.1	30.9	31.7	32.5	
110	15.3	14.9	15.2	16.3	16.2	15.3	15.3	16.3	18.4	20.9	22.7	23.8	25.0	26.3	27.8	29.3	30.9	32.5	
120	1.29	1.26	1.24	1.22	1.51	1.87	2.39	2.67	3.12	7.48	14.2	19.0	21.5	23.5	25.6	27.8	30.1	32.5	
130	3.48	2.74	1.91	1.65	2.09	2.20	1.29	1.39	2.44	2.38	4.03	10.5	17.7	21.0	23.6	26.5	29.4	32.5	
140	1.38	1.44	1.61	1.69	1.39	1.64	2.16	2.74	1.92	1.90	2.56	4.14	11.8	18.6	22.0	25.3	28.8	32.5	
150	1.41	1.37	1.37	1.37	1.36	1.33	1.34	1.43	1.85	2.00	2.33	2.90	7.79	15.9	20.7	24.4	28.3	32.5	
160	1.44	1.42	1.44	1.43	1.38	1.34	1.33	1.36	1.56	2.54	3.59	2.22	5.80	14.2	19.7	23.7	28.0	32.5	
170	1.47	1.53	1.47	1.42	1.39	1.36	1.36	1.37	1.69	2.73	4.53	3.10	4.85	13.8	19.0	23.3	27.8	32.5	
180	1.54	1.54	1.52	1.51	1.48	1.43	1.42	1.42	1.76	3.19	5.36	4.05	4.69	14.4	18.8	23.1	27.7	32.5	

H(β) Range:-90 - 90DEG

H(β) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-25

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: