

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	196.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of I <sub>max</sub>	228.6V x 180.0H
	At 50% of I <sub>max</sub>	152.8V x 154.9H
	At 90% of I <sub>max</sub>	78.2V x 83.6H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of I <sub>max</sub>	972.3 lumens per klm.
	To 50% of I <sub>max</sub>	731.9 lumens per klm.
	To 90% of I <sub>max</sub>	252.6 lumens per klm.

Upward LOR	14.6 %
Downward LOR	85.5 %

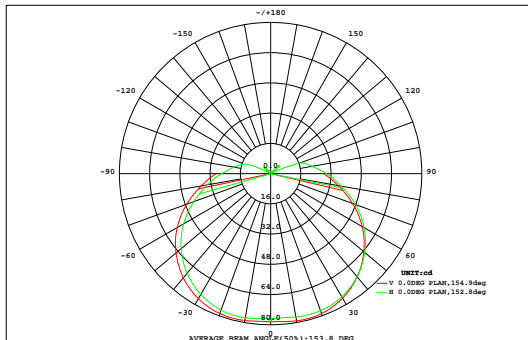
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-25

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:0.0974A P:19.67W PF:0.9150 Lamp Flux:402.722x1 lm		
NAME: L1433/t-RGBW-10-All-Drum	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:20.48lm/W	
MODEL	CREE 5050	Imax(cd)	79.20
NOMINAL POWER(W)	20	AVAILABILITY(%)	97.1
RATED VOLTAGE(V)	AC 220V	Avai. FLUX(lm)	391.0
NOMINAL FLUX(lm)	402.722	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	402.7
TEST VOLTAGE(V)	AC 220V	θ @50%(H,V)	155,153DEG

VERTICAL( DEG )	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.08	0.24	0.40	0.56	0.70	0.82	0.92	0.99	1.02	1.01	0.97	0.90	0.80	0.67	0.53	0.38	0.23	0.08	11.3	11.3
90	0.08	0.24	0.40	0.56	0.70	0.82	0.92	0.99	1.02	1.01	0.97	0.90	0.80	0.67	0.53	0.38	0.23	0.08	11.3	11.3
80	0.08	0.25	0.44	0.64	0.83	1.01	1.15	1.25	1.29	1.29	1.23	1.12	0.98	0.80	0.62	0.42	0.24	0.08	13.7	13.7
70	0.08	0.27	0.49	0.73	0.98	1.21	1.39	1.52	1.59	1.58	1.51	1.36	1.17	0.95	0.70	0.47	0.26	0.08	16.4	16.4
60	0.08	0.29	0.54	0.82	1.12	1.39	1.61	1.77	1.85	1.85	1.75	1.58	1.35	1.08	0.79	0.51	0.28	0.08	18.8	18.8
50	0.09	0.30	0.58	0.90	1.24	1.55	1.80	1.98	2.07	2.06	1.95	1.76	1.50	1.20	0.87	0.56	0.29	0.08	20.8	20.8
40	0.09	0.32	0.62	0.97	1.33	1.67	1.94	2.13	2.22	2.21	2.11	1.90	1.62	1.29	0.93	0.59	0.30	0.09	22.3	22.3
30	0.09	0.33	0.65	1.02	1.41	1.76	2.04	2.23	2.32	2.31	2.20	2.00	1.71	1.35	0.99	0.62	0.32	0.09	23.4	23.4
20	0.09	0.33	0.67	1.06	1.45	1.82	2.10	2.28	2.35	2.33	2.24	2.05	1.76	1.41	1.02	0.65	0.32	0.09	24.0	24.0
10	0.09	0.34	0.68	1.07	1.48	1.85	2.14	2.31	2.35	2.32	2.27	2.11	1.82	1.45	1.05	0.66	0.33	0.09	24.4	24.4
0	0.09	0.33	0.67	1.06	1.46	1.83	2.11	2.27	2.33	2.36	2.31	2.13	1.83	1.46	1.05	0.66	0.33	0.09	24.4	24.4
-10	0.09	0.33	0.65	1.03	1.41	1.76	2.04	2.23	2.33	2.35	2.27	2.08	1.79	1.42	1.03	0.65	0.32	0.09	23.9	23.9
-20	0.09	0.32	0.63	0.98	1.34	1.69	1.97	2.17	2.28	2.29	2.20	2.00	1.71	1.36	0.99	0.62	0.31	0.09	23.0	23.0
-30	0.09	0.31	0.59	0.92	1.26	1.59	1.86	2.06	2.16	2.16	2.07	1.88	1.60	1.28	0.93	0.59	0.30	0.09	21.7	21.7
-40	0.09	0.29	0.55	0.85	1.16	1.46	1.70	1.88	1.98	1.98	1.89	1.72	1.47	1.17	0.86	0.55	0.29	0.08	20.0	20.0
-50	0.08	0.28	0.51	0.77	1.04	1.29	1.51	1.66	1.74	1.75	1.67	1.52	1.30	1.04	0.77	0.51	0.27	0.08	17.8	17.8
-60	0.08	0.26	0.46	0.68	0.90	1.10	1.28	1.40	1.46	1.46	1.40	1.28	1.11	0.90	0.68	0.46	0.26	0.08	15.3	15.3
-70	0.08	0.24	0.42	0.59	0.76	0.91	1.04	1.12	1.17	1.17	1.12	1.04	0.91	0.76	0.59	0.42	0.24	0.08	12.7	12.7
-80	0.08	0.23	0.37	0.51	0.63	0.74	0.82	0.88	0.91	0.91	0.88	0.82	0.74	0.63	0.51	0.37	0.23	0.07	10.3	10.3
-90	0.08	0.23	0.37	0.51	0.63	0.74	0.82	0.88	0.91	0.91	0.88	0.82	0.74	0.63	0.51	0.37	0.23	0.07	10.3	10.3
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL( DEG ) 20 30 40 50 60 70 80 90																				
Φ t	1.54	5.26	9.92	15.2	20.5	25.4	29.4	32.1	33.4	33.4	32.1	29.3	25.2	20.2	14.9	9.70	5.13	1.49	344	---
Φ a	1.54	5.26	9.92	15.2	20.5	25.4	29.4	32.1	33.4	33.4	32.1	29.3	25.2	20.2	14.9	9.70	5.13	1.49	---	344

one-half-peak spread: U:59.6,D:63.0 , L:63.4,R:61.3

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:0.0974A P:19.67W PF:0.9150 Lamp Flux:402.722x1 lm		
NAME: L1433/t-RGBW-10-All-Drum	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

135.73 lm

%lum = 33.7%

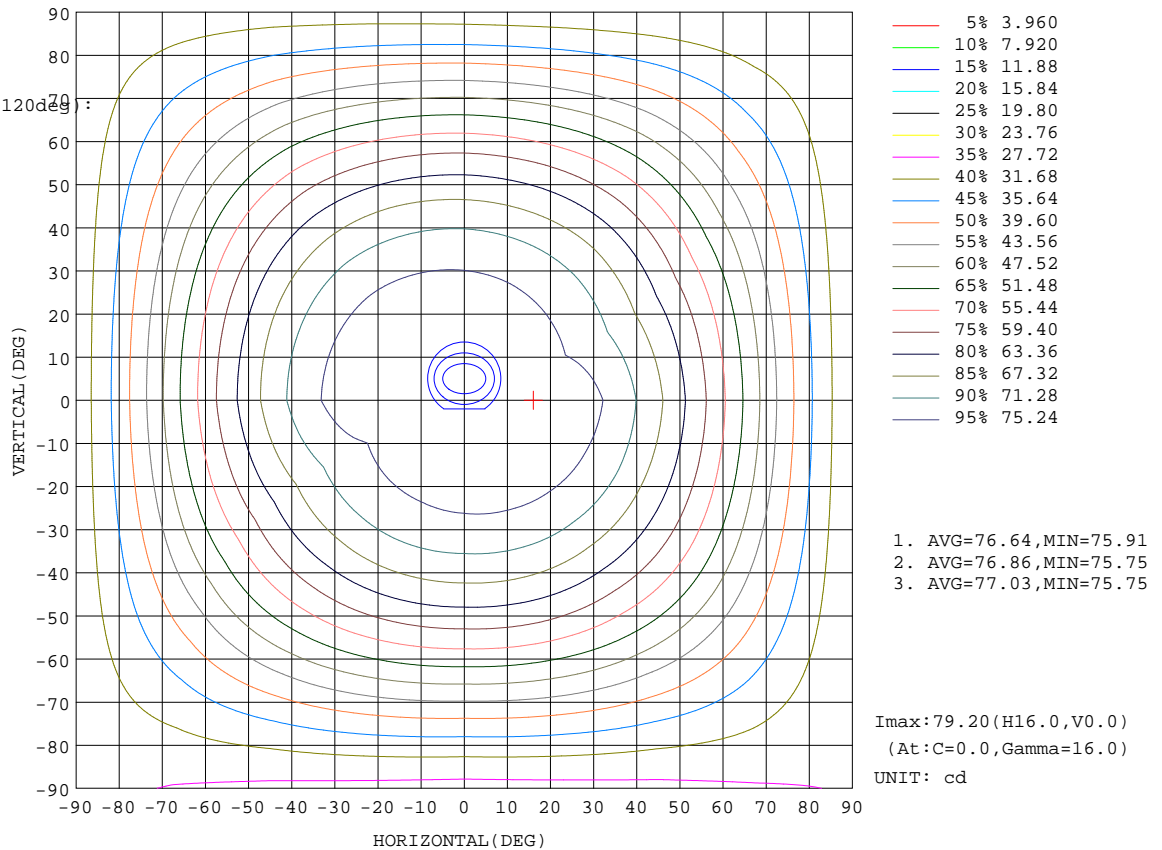
%lamp = 33.7%

Conical surface Flux(120deg):

215.69 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:2018-12-25

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

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

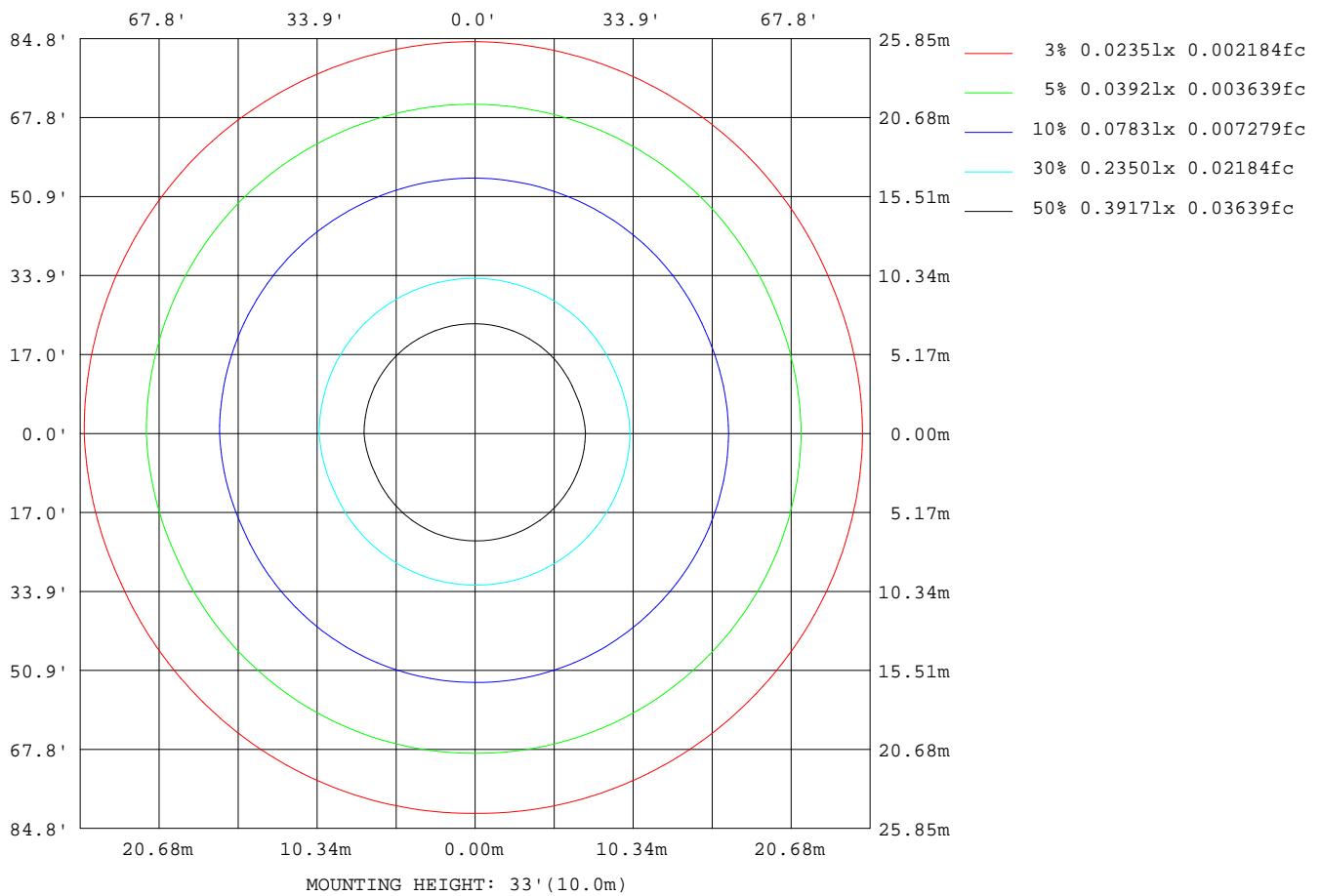
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

## ISOLUX DIAGRAM

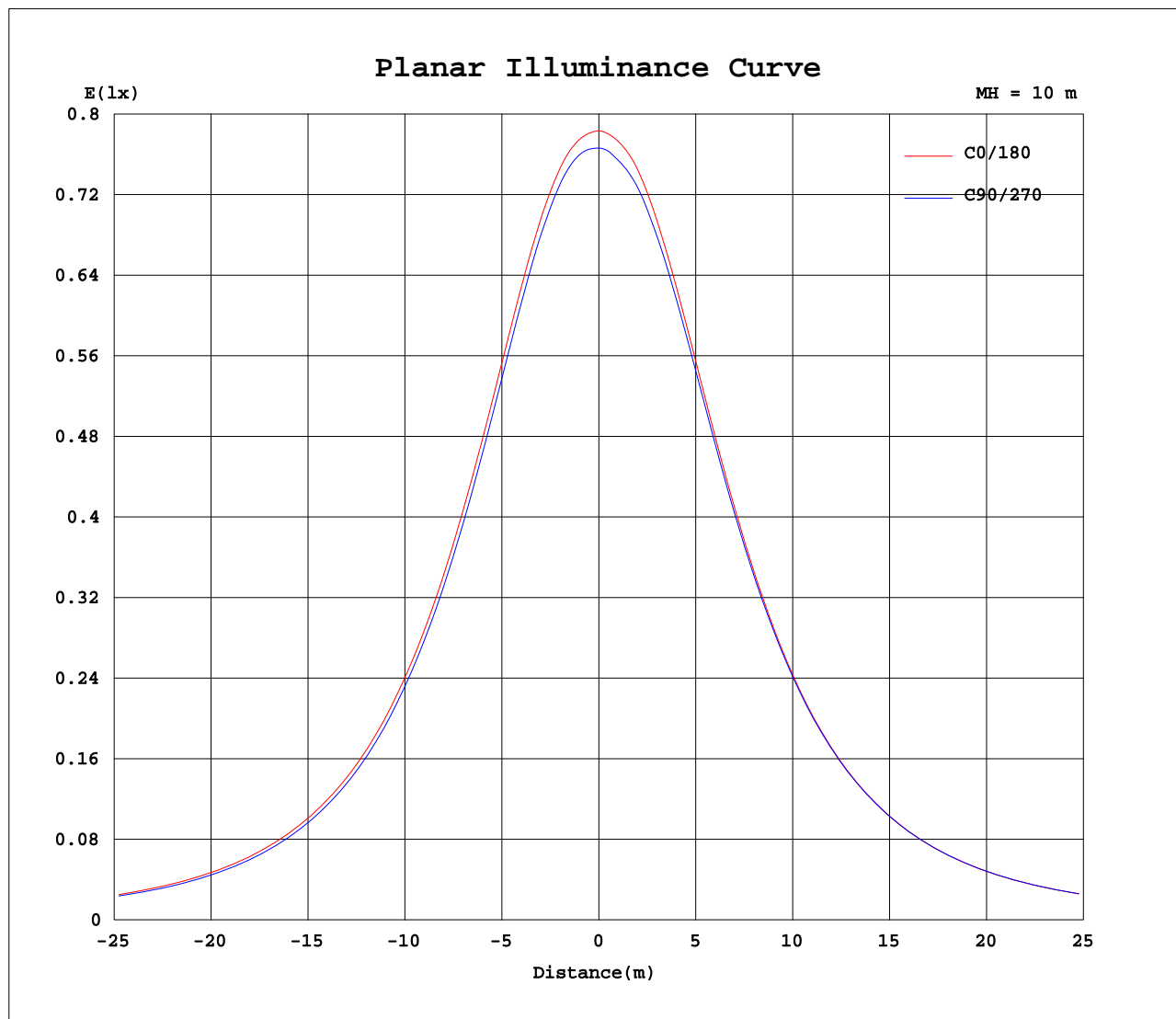
Test:U:220.7V I:0.0974A P:19.67W PF:0.9150 Lamp Flux:402.722x1 lm		
NAME: L1433/t-RGBW-10-All-Drum	TYPE:PROJECTOR	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



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

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

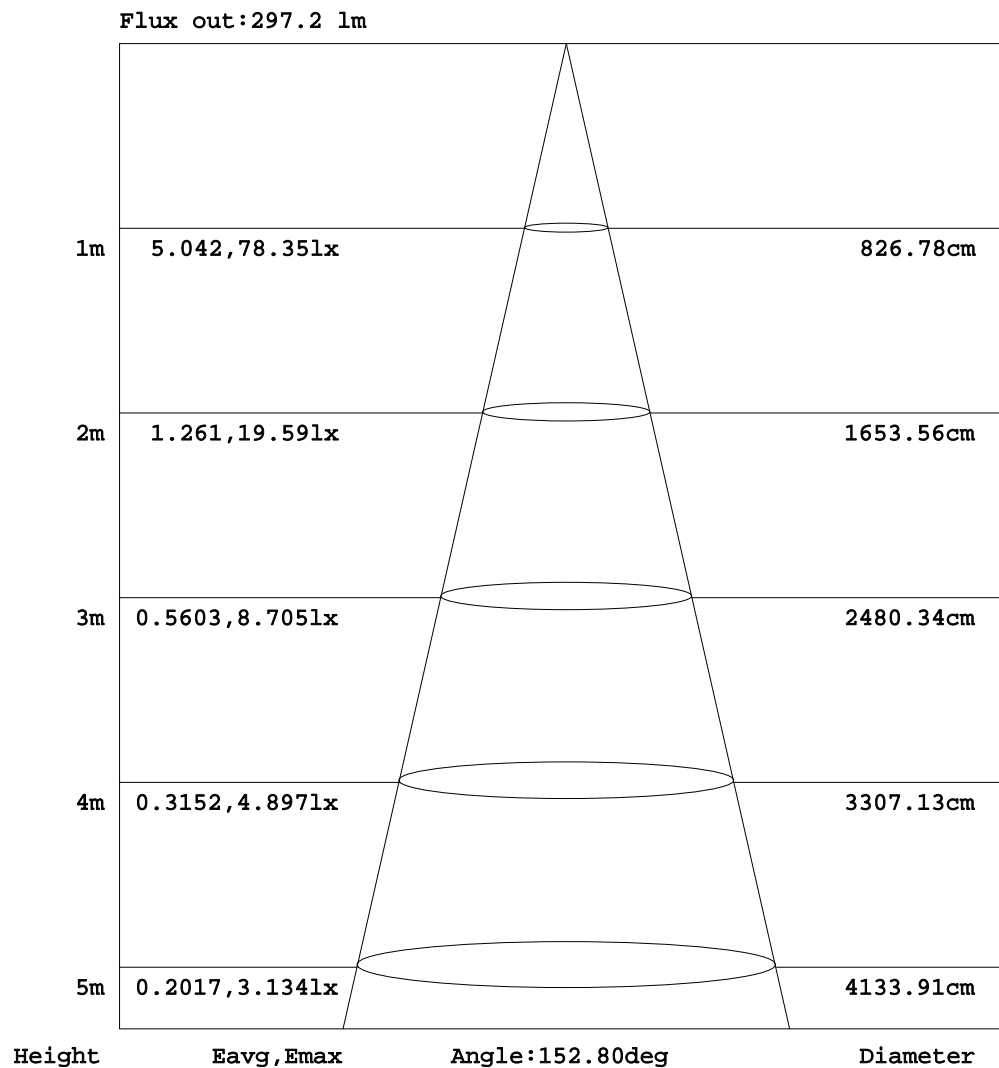


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:30DEG  
Operators:Matthew  
Test Date:2018-12-25

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:0.0974A P:19.67W PF:0.9150 Lamp Flux:402.722x1 lm		
NAME: L1433/t-RGBW-10-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( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) 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:0.0974A P:19.67W PF:0.9150 Lamp Flux:402.722x1 lm																		
NAME: L1433/t-RGBW-10-All-Drum									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	28.9	25.0	21.8	19.1	16.2	6.25	5.32	9.93	8.04	6.04	4.18	1.50	1.26	1.28	1.28	1.28	1.28	1.28	1.26
-170	28.9	25.1	21.8	19.1	15.6	6.20	4.50	8.02	6.69	5.13	3.68	1.78	1.26	1.28	1.28	1.28	1.28	1.27	1.26
-160	28.9	25.2	22.0	19.3	16.0	7.29	3.52	6.04	5.49	4.33	3.35	2.49	1.26	1.27	1.28	1.28	1.27	1.26	1.26
-150	28.9	25.4	22.3	19.8	17.2	9.96	3.53	4.42	4.20	3.98	3.59	2.67	2.04	1.50	1.29	1.27	1.27	1.26	1.26
-140	28.9	25.7	22.9	20.5	18.5	14.1	6.02	2.91	3.85	3.94	4.38	3.82	3.66	3.42	3.50	3.57	3.25	3.10	3.10
-130	28.9	26.2	23.7	21.5	19.6	17.9	12.8	5.77	3.22	3.34	2.87	2.64	3.41	3.63	4.05	4.66	4.37	3.78	3.00
-120	28.9	26.7	24.6	22.7	21.0	19.6	17.5	13.3	7.34	3.22	2.82	4.33	4.18	3.05	1.80	1.57	1.60	1.60	1.62
-110	28.9	27.3	25.7	24.2	22.9	21.7	20.7	19.8	17.9	14.8	12.5	11.8	12.4	14.0	15.6	15.2	15.0	15.0	15.1
-100	28.9	28.0	26.9	26.0	25.1	24.3	23.7	23.1	22.5	22.1	21.6	21.3	20.9	20.6	20.4	20.2	20.1	20.0	19.9
-90	28.9	28.6	28.3	28.0	27.6	27.4	27.2	27.1	26.9	26.8	26.7	26.6	26.5	26.5	26.4	26.3	26.2	26.1	26.0
-80	28.9	29.3	29.6	29.9	30.2	30.6	31.0	31.4	31.8	32.1	32.5	32.9	33.3	33.5	33.7	33.9	33.9	33.9	33.9
-70	28.9	29.9	30.9	32.0	33.0	34.0	35.1	36.3	37.3	38.4	39.4	40.3	41.2	41.9	42.5	42.9	43.2	43.3	43.3
-60	28.9	30.6	32.3	34.0	35.8	37.5	39.4	41.4	43.3	45.0	46.7	48.2	49.5	50.7	51.6	52.3	52.9	53.2	53.2
-50	28.9	31.2	33.5	36.0	38.5	41.1	43.7	46.4	48.9	51.3	53.4	55.3	57.1	58.5	59.7	60.6	61.3	61.7	61.8
-40	28.9	31.7	34.7	37.8	41.1	44.5	47.7	50.8	53.8	56.6	59.1	61.2	63.2	64.9	66.3	67.4	68.2	68.6	68.8
-30	28.9	32.2	35.7	39.5	43.4	47.4	51.2	54.6	57.7	60.7	63.4	65.9	68.0	69.8	71.3	72.4	73.1	73.7	73.9
-20	28.9	32.5	36.5	40.8	45.3	49.8	54.0	57.8	61.2	64.1	66.7	69.2	71.3	73.0	74.4	75.4	76.0	76.5	76.9
-10	28.9	32.8	37.0	41.7	46.6	51.4	56.0	60.1	63.8	67.0	69.8	72.1	73.8	74.9	75.7	76.4	76.8	77.1	77.4
0	28.9	32.9	37.3	42.2	47.3	52.3	57.1	61.5	65.3	68.8	71.9	74.5	76.4	77.9	78.8	79.1	78.9	78.4	78.3
10	28.9	32.9	37.2	42.0	47.0	52.0	56.7	61.0	64.8	68.3	71.3	73.8	75.7	77.1	77.9	78.2	78.0	77.4	77.0
20	28.9	32.7	36.8	41.4	46.2	50.9	55.5	59.6	63.2	66.6	69.6	72.0	74.0	75.5	76.5	77.1	77.3	77.3	77.2
30	28.9	32.4	36.2	40.3	44.7	49.0	53.3	57.2	60.6	63.8	66.6	69.1	71.1	72.6	73.8	74.6	75.1	75.3	75.3
40	28.9	32.0	35.3	38.9	42.7	46.5	50.2	53.8	57.0	59.9	62.4	64.7	66.6	68.2	69.3	70.2	70.8	71.1	71.1
50	28.9	31.5	34.3	37.2	40.3	43.4	46.5	49.5	52.3	54.9	57.2	59.1	60.8	62.1	63.2	64.1	64.7	65.0	65.0
60	28.9	30.9	33.1	35.3	37.6	39.9	42.3	44.6	46.8	48.8	50.7	52.3	53.6	54.8	55.7	56.4	56.8	57.1	57.1
70	28.9	30.3	31.8	33.3	34.8	36.3	37.8	39.3	40.7	42.1	43.4	44.4	45.3	46.1	46.7	47.2	47.5	47.7	47.7
80	28.9	29.7	30.4	31.2	32.0	32.8	33.5	34.2	34.9	35.5	36.0	36.5	36.9	37.2	37.5	37.7	37.8	37.9	37.9
90	28.9	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.8	29.8	29.8	29.8	29.7	29.7	29.6	29.5	29.5
100	28.9	28.4	27.8	27.2	26.7	26.2	25.7	25.2	24.8	24.5	24.1	23.7	23.4	23.2	23.0	22.7	22.6	22.5	22.4
110	28.9	27.7	26.4	25.3	24.2	23.3	22.4	21.5	20.1	18.0	16.2	15.4	15.5	16.4	17.4	16.7	16.3	16.2	16.4
120	28.9	27.0	25.2	23.6	22.2	20.9	19.2	15.5	9.40	4.62	3.24	4.07	3.45	2.16	1.31	1.39	1.46	1.41	1.29
130	28.9	26.5	24.2	22.2	20.5	18.8	13.0	6.19	3.75	4.21	5.87	6.64	5.41	5.48	6.68	7.28	6.91	6.45	5.92
140	28.9	26.0	23.4	21.1	19.1	14.1	6.30	3.36	4.77	5.52	4.91	4.29	4.01	4.01	4.53	4.82	4.28	3.84	3.63
150	28.9	25.6	22.7	20.2	17.4	10.1	3.86	4.45	4.27	3.93	3.56	2.69	2.37	1.59	1.55	1.28	1.21	1.21	1.22
160	28.9	25.3	22.2	19.6	16.0	7.46	3.59	6.08	5.36	4.21	3.18	2.53	1.24	1.24	1.26	1.24	1.22	1.21	1.22
170	28.9	25.1	21.9	19.2	15.6	6.32	4.51	8.03	6.62	5.06	3.63	1.79	1.24	1.28	1.27	1.27	1.27	1.22	1.22
180	28.9	25.0	21.8	19.1	16.2	6.25	5.32	9.93	8.04	6.04	4.18	1.50	1.26	1.28	1.28	1.28	1.28	1.28	1.22

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:0.0974A P:19.67W PF:0.9150 Lamp Flux:402.722x1 lm																		
NAME: L1433/t-RGBW-10-A11-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	1.25	1.25	1.25	1.25	1.25	1.25	1.26	3.59	5.33	7.25	9.21	5.00	6.02	15.4	18.3	20.9	24.1	27.9	
-170	1.26	1.26	1.26	1.25	1.25	1.25	1.52	3.20	4.62	6.18	7.51	4.17	5.92	14.8	18.4	21.0	24.1	27.9	
-160	1.26	1.26	1.26	1.26	1.26	1.26	2.22	3.00	4.12	5.23	5.75	3.22	6.74	15.0	18.7	21.2	24.2	27.9	
-150	1.26	1.27	1.26	1.28	1.42	1.88	2.47	3.43	3.89	4.11	4.10	3.27	8.94	16.1	19.2	21.6	24.5	27.9	
-140	3.05	3.16	3.44	3.37	3.21	3.41	3.58	4.19	4.62	3.85	2.67	4.85	12.8	17.8	20.0	22.2	24.8	27.9	
-130	3.61	3.96	3.90	3.33	3.19	3.87	4.45	3.68	3.19	2.87	4.95	11.6	17.1	19.2	21.0	23.0	25.3	27.9	
-120	1.57	1.55	1.51	1.89	3.15	4.11	4.11	3.10	4.21	8.81	14.0	17.7	19.4	20.7	22.2	23.9	25.8	27.9	
-110	14.9	14.8	14.9	15.2	14.5	13.9	14.0	14.9	16.5	18.4	19.7	20.5	21.5	22.6	23.7	25.0	26.4	27.9	
-100	19.9	20.0	20.1	20.3	20.5	20.8	21.1	21.4	21.8	22.3	22.8	23.5	24.1	24.8	25.5	26.3	27.1	27.9	
-90	26.1	26.1	26.2	26.3	26.3	26.4	26.4	26.5	26.6	26.7	26.9	27.1	27.2	27.4	27.5	27.6	27.8	27.9	
-80	33.9	33.9	33.9	33.7	33.5	33.3	32.9	32.6	32.2	31.8	31.4	31.0	30.6	30.1	29.6	29.1	28.5	27.9	
-70	43.3	43.2	42.9	42.5	41.9	41.2	40.4	39.5	38.4	37.4	36.4	35.3	34.1	32.9	31.6	30.4	29.2	27.9	
-60	53.2	53.0	52.5	51.8	50.8	49.7	48.4	46.8	45.2	43.4	41.6	39.6	37.7	35.6	33.6	31.7	29.8	27.9	
-50	61.8	61.5	60.9	60.0	58.9	57.4	55.7	53.8	51.7	49.3	46.7	44.0	41.1	38.3	35.6	32.9	30.4	27.9	
-40	68.8	68.4	67.8	66.8	65.4	63.7	61.8	59.6	57.2	54.4	51.3	47.9	44.4	40.8	37.3	34.0	30.9	27.9	
-30	73.9	73.6	73.0	72.0	70.6	68.9	66.8	64.3	61.6	58.5	55.1	51.2	47.1	42.9	38.8	34.9	31.3	27.9	
-20	77.0	76.8	76.4	75.5	74.3	72.7	70.6	67.8	64.8	61.5	57.8	53.7	49.2	44.5	39.9	35.6	31.6	27.9	
-10	78.0	78.3	78.2	77.7	76.6	75.0	72.9	70.2	67.0	63.5	59.6	55.3	50.5	45.6	40.7	36.1	31.8	27.9	
0	78.6	79.1	79.2	78.8	77.7	76.1	74.0	71.2	68.1	64.4	60.3	55.9	51.1	46.0	41.0	36.3	31.9	27.9	
10	76.8	76.8	76.6	76.0	75.1	73.9	72.1	69.7	66.8	63.3	59.5	55.2	50.6	45.7	40.7	36.1	31.9	27.9	
20	77.0	76.6	75.9	75.0	73.7	71.9	69.7	67.1	64.4	61.2	57.7	53.7	49.3	44.7	40.0	35.7	31.7	27.9	
30	75.0	74.5	73.7	72.6	71.1	69.3	67.0	64.4	61.5	58.3	55.0	51.3	47.3	43.1	38.9	35.0	31.4	27.9	
40	70.9	70.3	69.4	68.3	66.8	65.1	62.9	60.5	57.9	54.8	51.5	48.2	44.7	41.1	37.5	34.1	30.9	27.9	
50	64.7	64.2	63.4	62.3	61.0	59.4	57.6	55.5	53.0	50.3	47.5	44.5	41.6	38.6	35.8	33.1	30.4	27.9	
60	56.9	56.4	55.7	54.8	53.7	52.4	50.8	49.1	47.1	45.0	42.8	40.4	38.1	36.0	33.9	31.9	29.9	27.9	
70	47.5	47.2	46.6	46.0	45.2	44.2	43.1	41.9	40.6	39.2	37.7	36.2	34.7	33.3	31.9	30.6	29.3	27.9	
80	37.7	37.5	37.2	36.9	36.5	36.0	35.5	34.9	34.2	33.5	32.8	32.0	31.2	30.5	29.9	29.3	28.6	27.9	
90	29.4	29.3	29.3	29.2	29.1	29.0	28.8	28.7	28.6	28.5	28.3	28.1	28.0	27.9	27.9	27.9	27.9	27.9	
100	22.3	22.3	22.3	22.4	22.5	22.6	22.9	23.1	23.4	23.7	24.0	24.4	24.8	25.3	25.9	26.5	27.2	27.9	
110	16.0	16.0	16.4	17.1	16.1	15.0	14.8	15.5	17.1	19.1	20.5	21.2	22.0	23.0	24.1	25.2	26.5	27.9	
120	1.31	1.30	1.24	1.15	1.51	2.59	3.17	3.01	4.27	8.61	14.1	18.0	19.8	21.0	22.5	24.1	25.9	27.9	
130	4.87	3.65	2.45	2.18	2.46	1.62	1.28	1.88	2.70	3.25	4.91	11.1	17.1	19.5	21.2	23.1	25.4	27.9	
140	3.64	3.76	3.69	2.78	2.49	3.05	4.14	3.98	2.82	2.81	3.19	4.89	12.5	17.9	20.1	22.3	24.9	27.9	
150	1.21	1.20	1.20	1.38	1.44	2.07	2.12	2.48	3.30	3.95	3.38	3.71	8.88	16.0	19.3	21.7	24.5	27.9	
160	1.20	1.20	1.21	1.22	1.19	1.18	1.35	1.99	2.86	4.65	5.66	3.30	6.82	14.9	18.7	21.3	24.3	27.9	
170	1.20	1.21	1.20	1.18	1.18	1.19	1.47	2.56	4.03	5.74	7.45	3.98	6.03	14.7	18.4	21.0	24.1	27.9	
180	1.25	1.25	1.25	1.25	1.25	1.25	1.26	3.59	5.33	7.25	9.21	5.00	6.02	15.4	18.3	20.9	24.1	27.9	

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: