

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

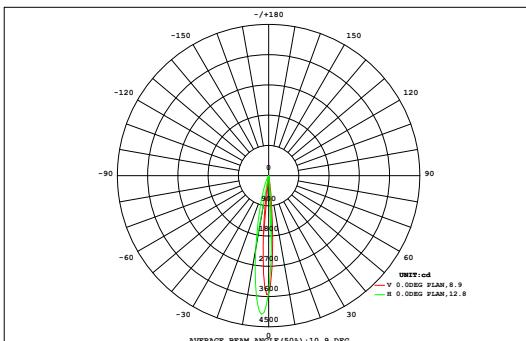
Maximum Intensity (Luminaire orientation as tested.)	15201.0 cd per klm. 3.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax 26.5V x 18.9H At 50% of Imax 12.8V x 9.6H At 90% of Imax 4.7V x 3.7H
Beam Flux	Total 1002.0 lumens per klm. To 10% of Imax 721.6 lumens per klm. To 50% of Imax 339.8 lumens per klm. To 90% of Imax 55.7 lumens per klm.
	Upward LOR 2.2 % Downward LOR 98.0 %
Luminaire Efficiency (Light Output Ratio)	100.0 %

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Simon
Test Date:2019-08-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.74V I:0.0534A P:10.796W PF:0.9166 Freq:50.01Hz Lamp Flux:271.899x1 lm		
NAME: ProPoint Sconce M Red 10Dx5D	TYPE:Sconce	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR. : Traxon Technologies	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:25.181lm/W	
MODEL	XPE2	I _{max} (cd)	4133
NOMINAL POWER(W)	15	AVAILABILITY(%)	71.5
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	194.5
NOMINAL FLUX(lm)	271.899	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	271.9
TEST VOLTAGE(V)	AC 220	θ @50% (H,V)	10,13DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm	Φ t	Φ a	
	0.09	0.14	0.22	0.32	0.44	0.59	0.70	0.78	0.85	0.86	0.81	0.73	0.63	0.49	0.36	0.25	0.17			
18	0.09	0.14	0.22	0.32	0.44	0.59	0.70	0.78	0.85	0.86	0.81	0.73	0.63	0.49	0.36	0.25	0.17	0.11	8.51	6.20
16	0.10	0.15	0.24	0.37	0.54	0.75	0.93	1.07	1.17	1.19	1.11	0.99	0.82	0.60	0.43	0.29	0.19	0.12	11.0	9.04
14	0.10	0.16	0.25	0.41	0.63	0.92	1.23	1.45	1.63	1.65	1.53	1.34	1.03	0.74	0.50	0.32	0.21	0.13	14.2	12.4
12	0.10	0.16	0.27	0.43	0.71	1.10	1.57	1.94	2.22	2.27	2.08	1.75	1.28	0.88	0.58	0.35	0.21	0.12	18.0	16.4
10	0.08	0.14	0.25	0.45	0.76	1.25	1.88	2.51	2.93	3.02	2.74	2.17	1.53	0.99	0.59	0.34	0.18	0.10	21.9	20.6
8	0.05	0.09	0.20	0.40	0.76	1.32	2.12	3.03	3.68	3.82	3.40	2.55	1.71	1.02	0.55	0.27	0.13	0.07	25.2	23.7
6	0.05	0.07	0.13	0.28	0.63	1.26	2.21	3.38	4.32	4.54	3.91	2.82	1.72	0.91	0.42	0.19	0.10	0.06	27.0	25.7
4	0.05	0.07	0.12	0.23	0.46	1.02	2.04	3.43	4.63	4.93	4.14	2.75	1.52	0.74	0.35	0.17	0.09	0.06	26.8	25.5
2	0.04	0.06	0.09	0.17	0.36	0.82	1.69	3.02	4.29	4.62	3.81	2.45	1.28	0.59	0.27	0.13	0.08	0.05	23.8	22.5
-2	0.04	0.05	0.07	0.12	0.23	0.56	1.25	2.33	3.29	3.56	3.00	1.88	0.92	0.39	0.18	0.10	0.06	0.05	18.1	16.7
-4	0.04	0.05	0.07	0.09	0.15	0.31	0.72	1.32	1.94	2.10	1.71	1.08	0.54	0.23	0.13	0.08	0.06	0.05	10.7	9.08
-6	0.04	0.05	0.06	0.07	0.10	0.17	0.30	0.60	0.85	0.93	0.77	0.46	0.26	0.14	0.09	0.07	0.06	0.05	5.08	3.21
-8	0.05	0.05	0.06	0.07	0.08	0.09	0.10	0.12	0.14	0.15	0.13	0.12	0.10	0.08	0.07	0.06	0.05	0.05	2.38	0.00
-10	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.10	0.10	0.09	0.08	0.07	0.07	0.06	0.06	1.42	0.00
-12	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	1.42	0.00
-14	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.07	0.07	0.06	1.44	0.00
-16	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.07	0.07	1.46	0.00
-18	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.07	0.07	1.46	0.00
	-18	-16	-14	-12	-10	-8	-6	-4	HORIZONTAL(DEG)	4	6	8	10	12	14	16	18			
Φ t	1.13	1.58	2.35	3.77	6.25	10.6	17.2	25.6	32.6	34.4	29.8	21.7	13.8	8.22	4.90	2.99	1.92	1.32	220	---
Φ a	0.00	0.00	0.00	0.25	4.20	9.36	16.2	24.8	31.8	33.5	29.0	20.7	12.8	6.63	1.91	0.00	0.00	0.00	---	191

one-half-peak spread: U:5.4,D:7.5 , L:4.3,R:5.4

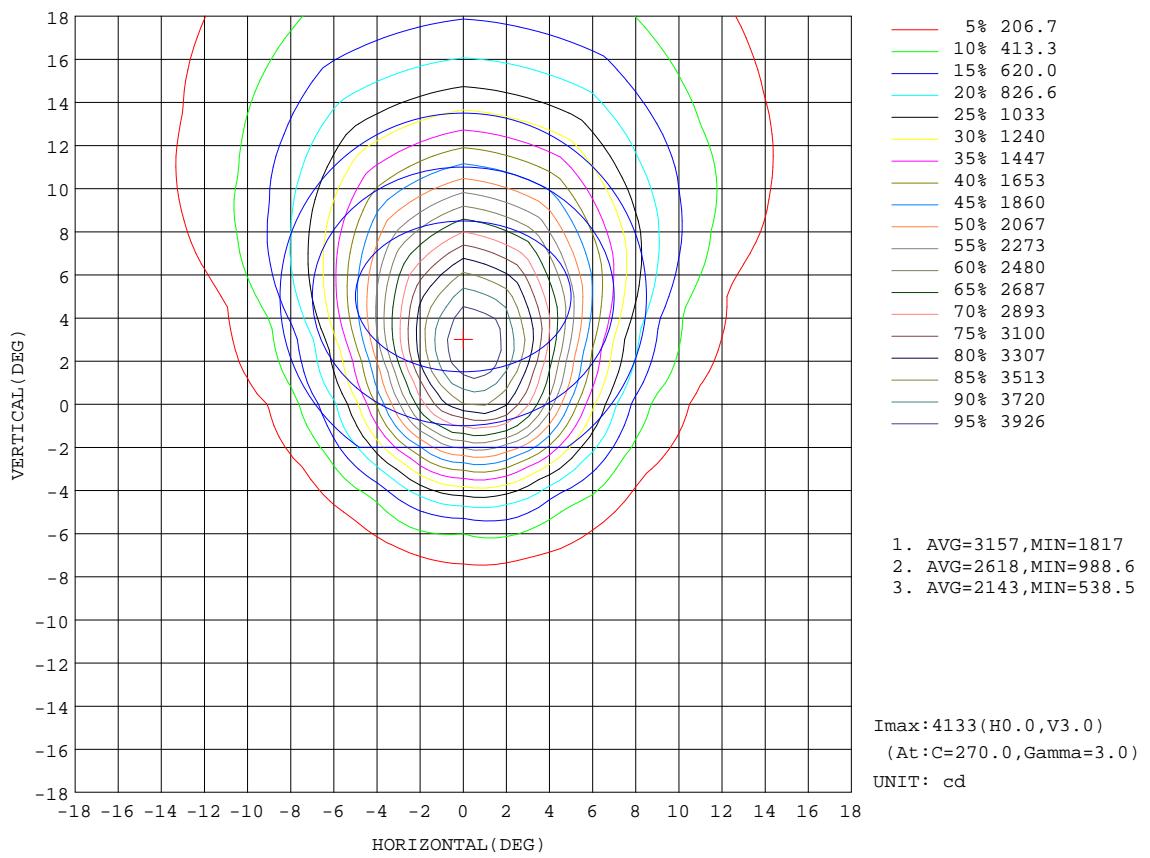
NEMA Beam Type: Type 2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 30DEG
Operators: Simon
Test Date: 2019-08-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 11.510m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test: U:220.74V I:0.0534A P:10.796W PF:0.9166 Freq:50.01Hz Lamp Flux:271.899x1 lm		
NAME: ProPoint Sconce M Red 10Dx5D	TYPE: Sconce	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR. : Traxon Technologies	SUR. :	Shielding Angle:

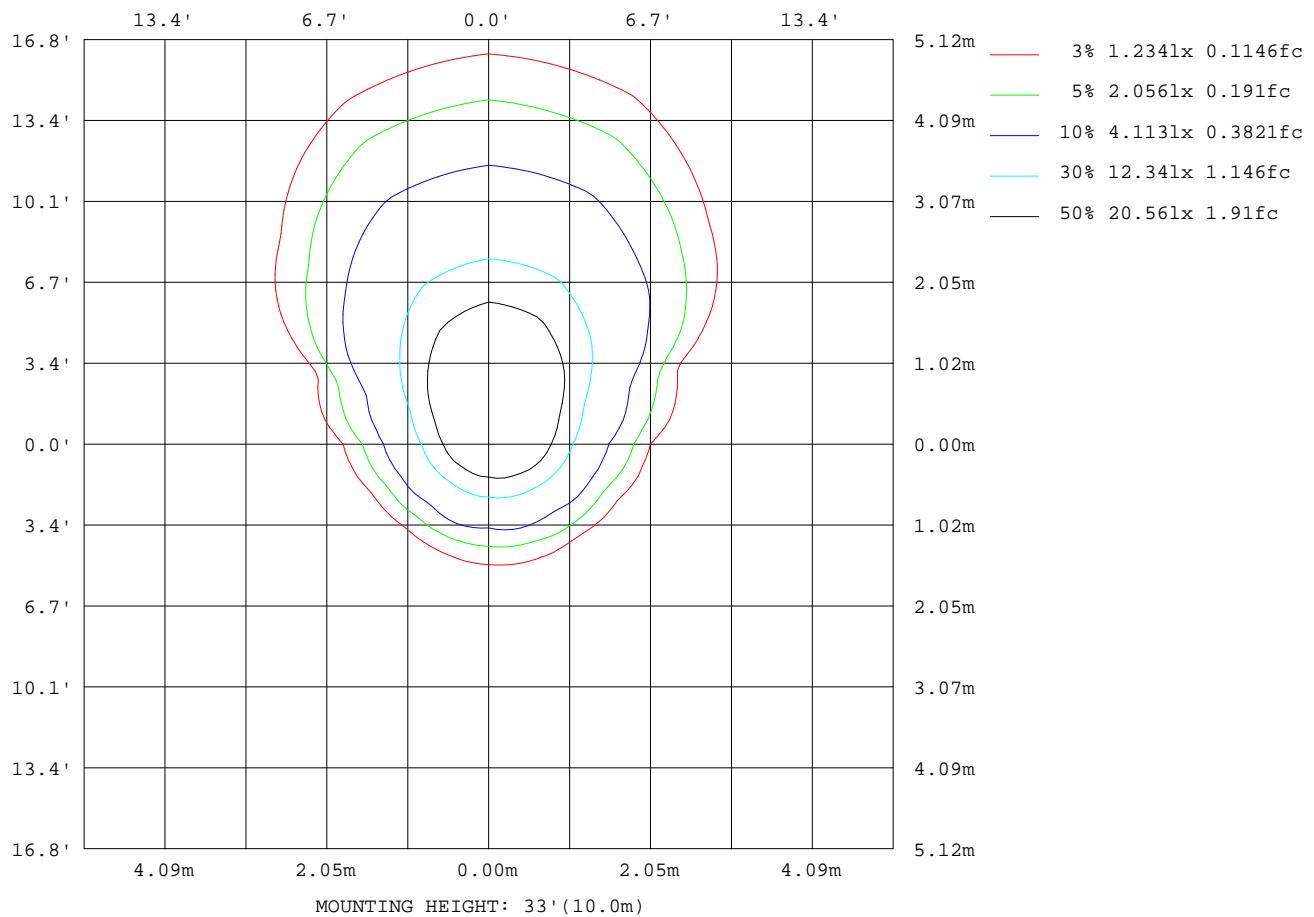


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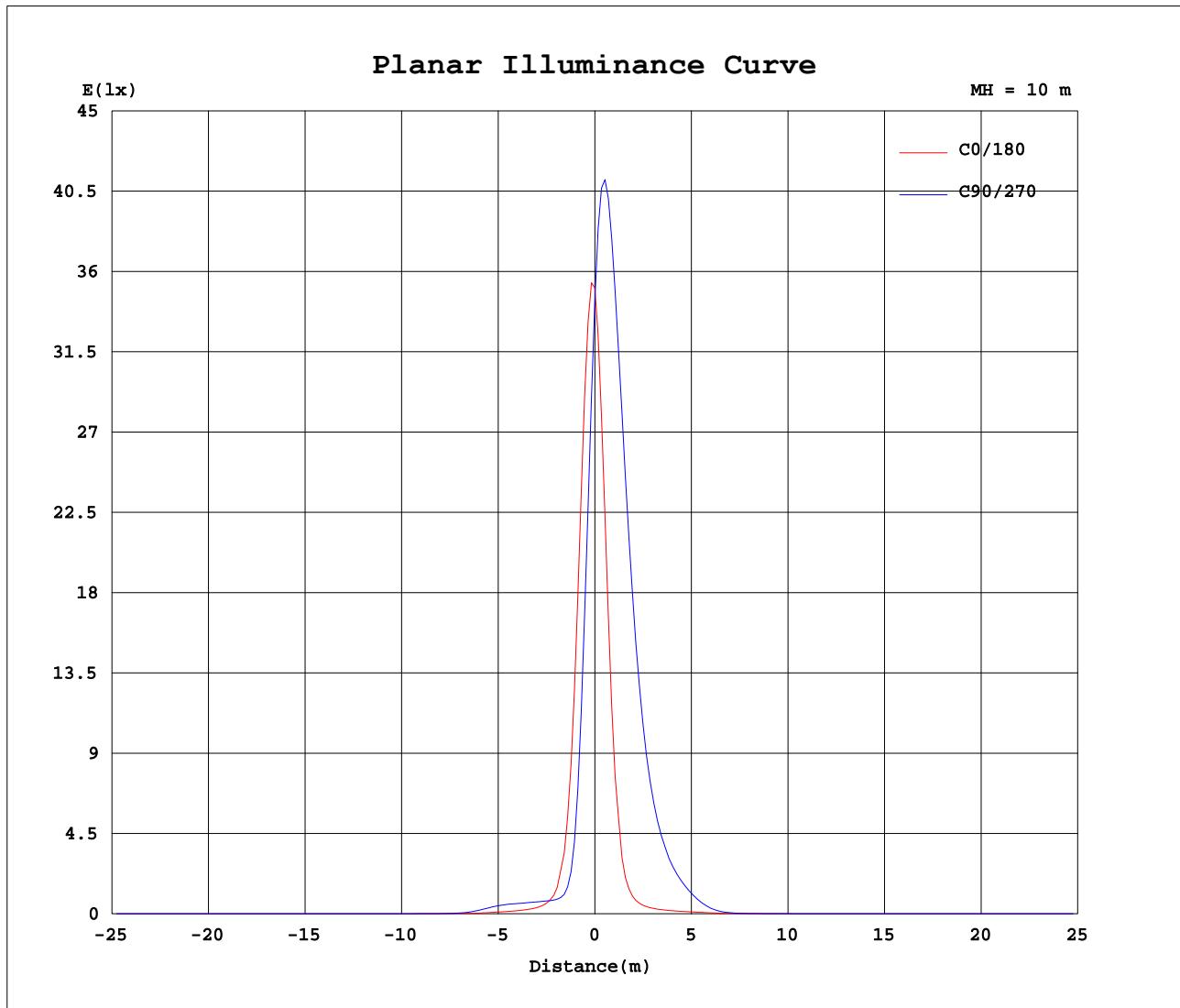
ISOLUX DIAGRAM

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NAME: ProPoint Sconce M Red 10Dx5D	TYPE:Sconce	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR. : Traxon Technologies	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Simon
Test Date:2019-08-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

Planar Illuminance Curve

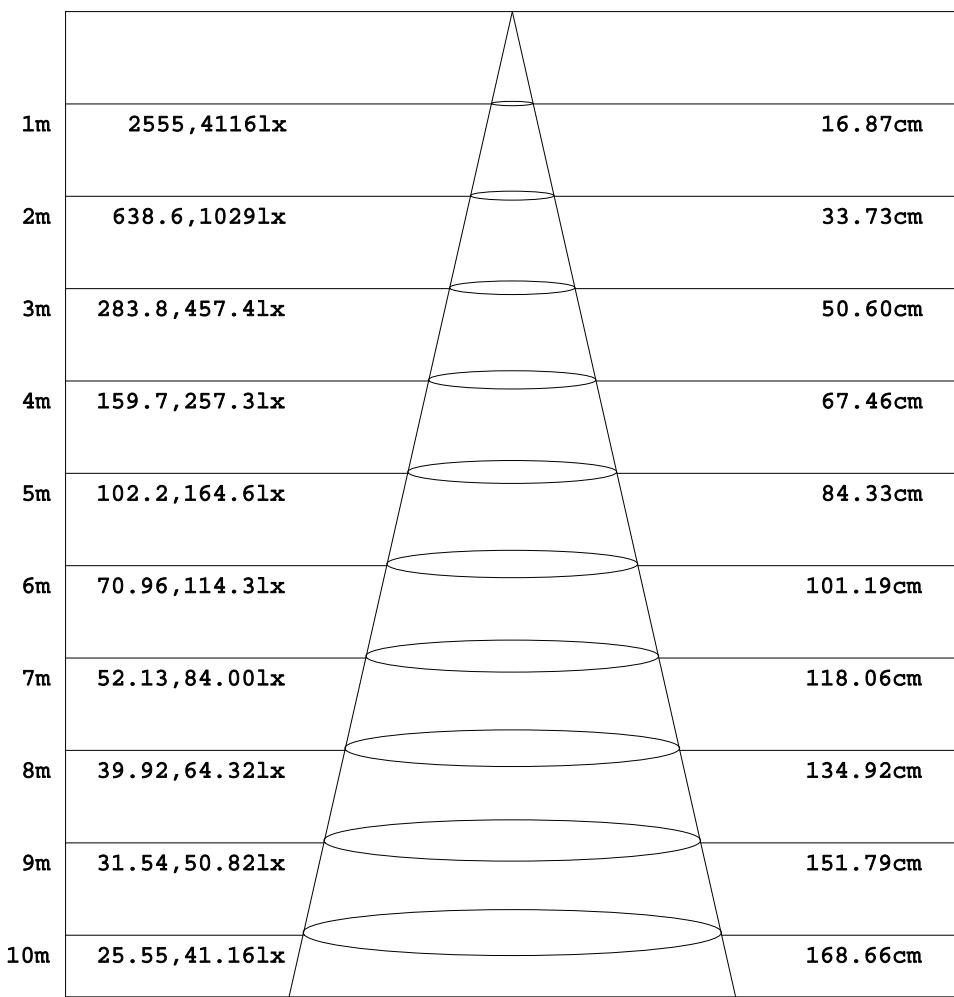
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Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity: 65.0%
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Remarks:

AAI Figure

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NAME: ProPoint Sconce M Red 10Dx5D	TYPE:Sconce	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR. : Traxon Technologies	SUR.:	Shielding Angle:

Flux out:61.43 lm



Height Eavg ,Emax Angle:9.64deg Diameter

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

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