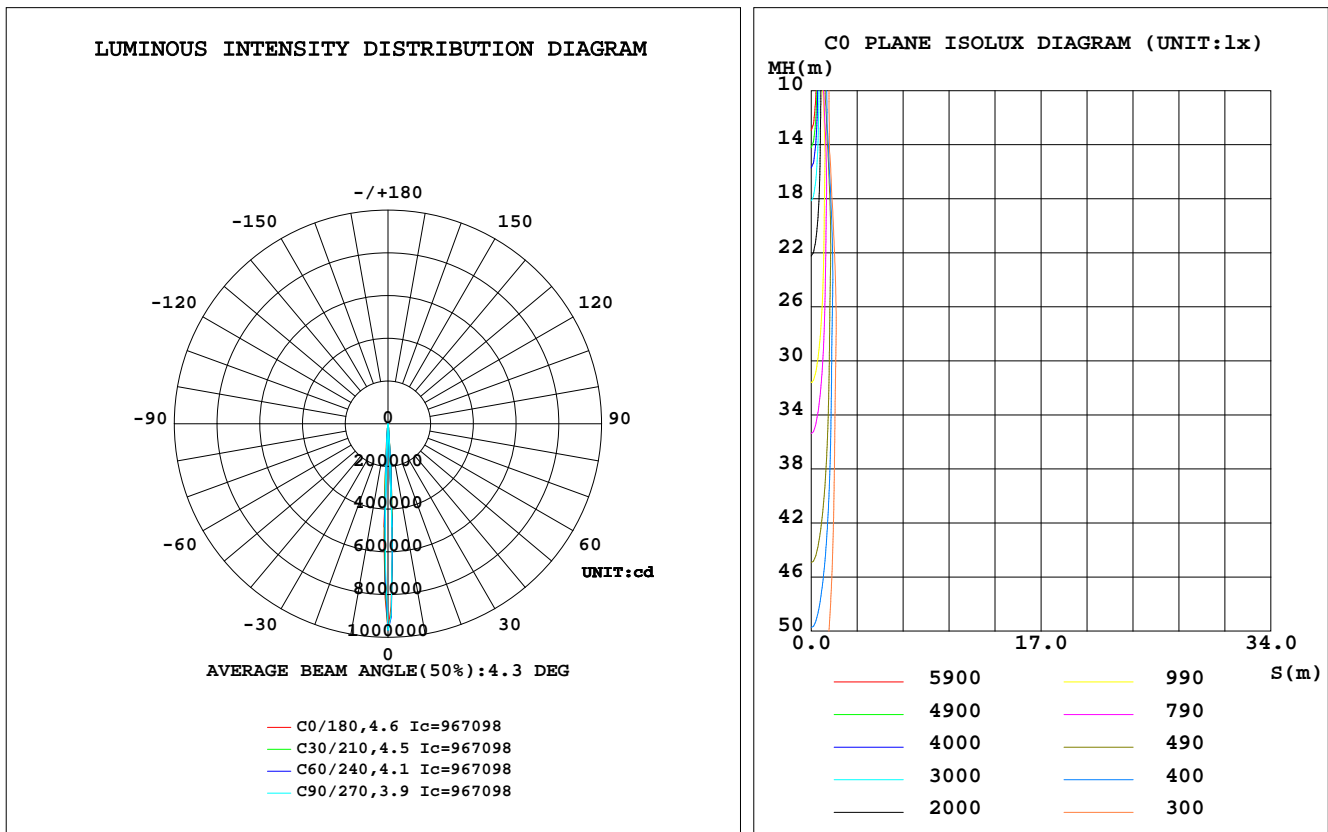


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.00 lm/W			
MODEL	OSRAM	I _{max} (cd)	967098	S/MH(C0/180)	0.08
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	0.06
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	13339	η UP,DN(C0-180)	0.0,53.4
NOMINAL FLUX(lm)	13338.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,46.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.635m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	154.5	162.3	160.3	161.2	149.9	139.9	140.7	150.0	0- 10	9426	9426	70.7,70.7
20	33.58	35.11	35.58	36.74	33.87	32.32	31.89	33.45	10- 20	1921	11347	85.1,85.1
30	10.37	10.72	9.728	10.96	10.44	10.10	9.440	10.40	20- 30	900.8	12247	91.8,91.8
40	4.575	4.372	4.231	4.445	4.557	4.357	4.259	4.451	30- 40	410.2	12658	94.9,94.9
50	2.870	2.624	2.536	2.623	2.772	2.592	2.540	2.669	40- 50	268.2	12926	96.9,96.9
60	1.918	1.666	1.514	1.655	1.822	1.607	1.498	1.682	50- 60	193.4	13119	98.4,98.4
70	0.9887	0.7734	0.6631	0.7756	0.9035	0.7097	0.6403	0.7409	60- 70	118.8	13238	99.2,99.2
80	0.5562	0.4779	0.4482	0.4894	0.4236	0.3617	0.3306	0.3734	70- 80	56.88	13295	99.7,99.7
90	0.3664	0.3685	0.3674	0.3711	0.3019	0.2898	0.3120	0.3295	80- 90	44.01	13339	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

Conical surface Flux(90deg): 12803 lm

%lum = 96.0%

%lamp = 96.0%

Conical surface Flux(120deg): 13119 lm

%lum = 98.4%

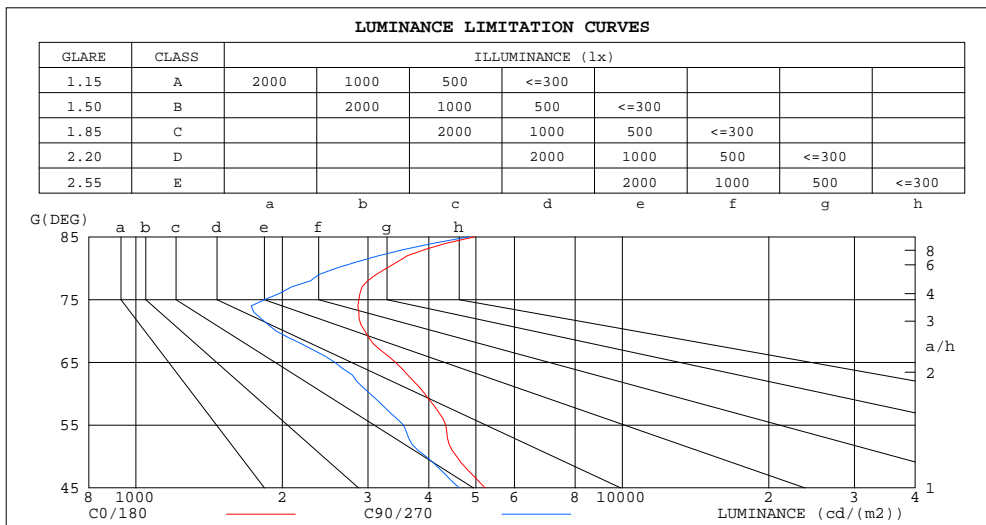
%lamp = 98.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-11-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
 Humidity:65.0%
 Test Distance:11.635m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4966	4833
80	3275	2583
75	2873	1841
70	2956	1940
65	3415	2566
60	3923	3030
55	4337	3549
50	4565	3948
45	5222	4624

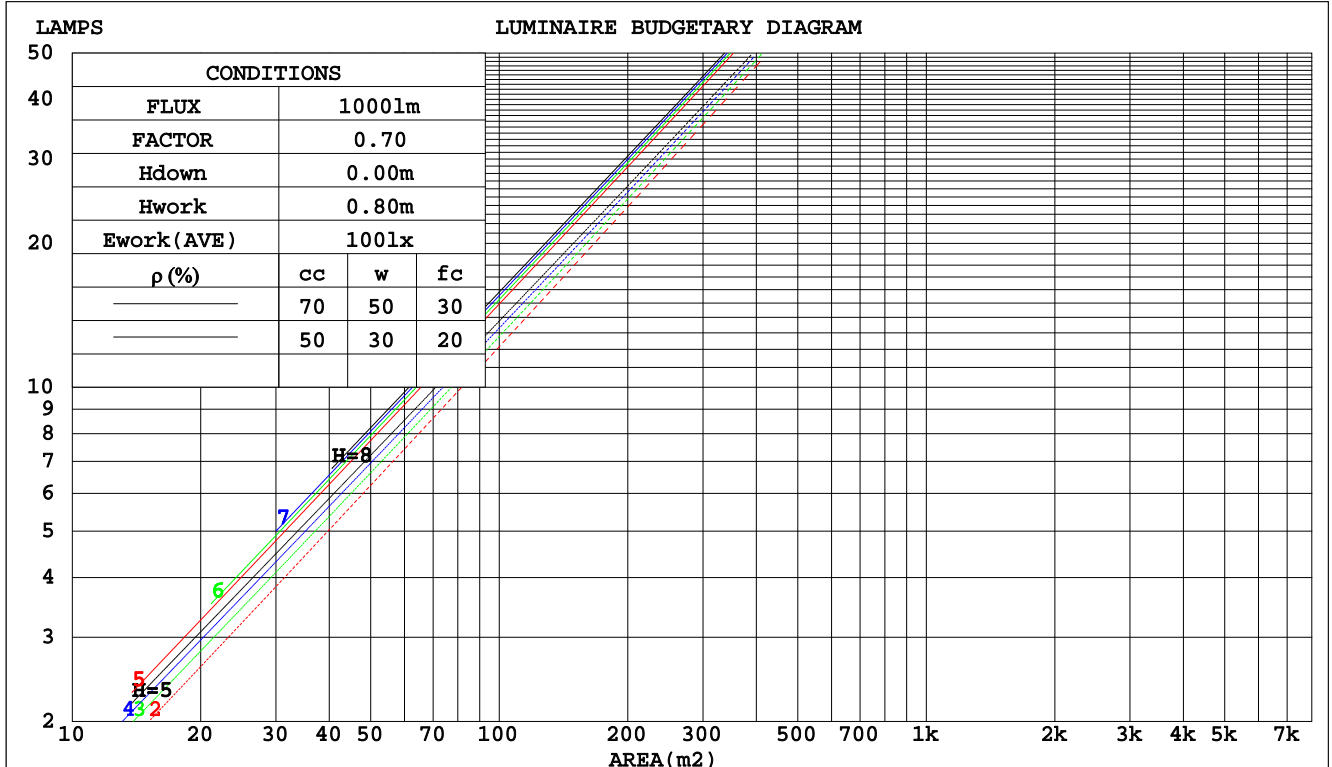
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-11-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 11.635m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.13	1.12	1.10	1.11	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.00	.00	.99	.97
2.0	1.09	1.06	1.04	1.07	1.05	1.03	1.04	1.02	1.01	1.01	.00	.99	.99	.98	.97	.95
3.0	1.05	1.02	.00	1.04	1.01	.99	1.02	.99	.97	.99	.97	.96	.97	.96	.94	.93
4.0	1.02	.99	.96	1.01	.98	.96	.99	.97	.95	.98	.95	.94	.96	.94	.93	.92
5.0	.00	.96	.94	.99	.96	.93	.97	.95	.92	.96	.94	.92	.95	.93	.91	.90
6.0	.97	.94	.92	.97	.94	.91	.96	.93	.91	.94	.92	.90	.93	.91	.90	.89
7.0	.96	.92	.90	.95	.92	.90	.94	.91	.89	.93	.91	.89	.92	.90	.88	.88
8.0	.94	.91	.88	.93	.90	.88	.93	.90	.88	.92	.89	.88	.91	.89	.87	.86
9.0	.92	.89	.87	.92	.89	.87	.91	.89	.87	.91	.88	.86	.90	.88	.86	.86
10.0	.91	.88	.86	.91	.88	.86	.90	.88	.86	.90	.87	.86	.89	.87	.85	.85



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.635m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.126	.072	.023	.119	.068	.022	.107	.061	.020	.096	.055	.018	.085	.049	.016	
2.0	.114	.062	.019	.109	.060	.018	.098	.055	.017	.089	.050	.016	.081	.046	.014	
3.0	.104	.055	.017	.099	.053	.016	.091	.049	.015	.083	.046	.014	.076	.042	.013	
4.0	.095	.050	.015	.092	.048	.014	.085	.045	.013	.078	.042	.013	.072	.039	.012	
5.0	.088	.045	.013	.085	.044	.013	.079	.041	.012	.074	.039	.012	.068	.037	.011	
6.0	.082	.041	.012	.079	.040	.011	.074	.038	.011	.069	.036	.011	.065	.034	.010	
7.0	.076	.038	.011	.074	.037	.010	.070	.035	.010	.066	.034	.010	.062	.032	.009	
8.0	.071	.035	.010	.069	.034	.010	.066	.033	.009	.062	.032	.009	.059	.030	.009	
9.0	.067	.032	.009	.065	.032	.009	.062	.031	.009	.059	.030	.009	.056	.029	.008	
10.0	.063	.030	.008	.062	.030	.008	.059	.029	.008	.056	.028	.008	.054	.027	.008	

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.168	.158	.149	.143	.135	.128	.098	.093	.089	.056	.054	.052	.018	.017	.017	
2.0	.149	.133	.120	.127	.114	.103	.087	.079	.072	.050	.046	.042	.016	.015	.014	
3.0	.132	.113	.098	.114	.098	.085	.078	.068	.059	.045	.040	.035	.014	.013	.011	
4.0	.119	.098	.081	.102	.084	.071	.070	.059	.050	.041	.034	.029	.013	.011	.010	
5.0	.107	.085	.068	.092	.073	.059	.064	.051	.042	.037	.030	.025	.012	.010	.008	
6.0	.098	.075	.058	.084	.065	.051	.058	.045	.036	.034	.027	.021	.011	.009	.007	
7.0	.089	.066	.050	.077	.057	.044	.053	.040	.031	.031	.024	.018	.010	.008	.006	
8.0	.082	.059	.043	.070	.051	.038	.049	.036	.027	.028	.021	.016	.009	.007	.005	
9.0	.076	.053	.038	.065	.046	.033	.045	.032	.023	.026	.019	.014	.009	.006	.005	
10.0	.070	.048	.033	.060	.042	.029	.042	.029	.021	.024	.017	.012	.008	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.635m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm											
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: Traxon Technologies					SUR.:			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	1.3	1.8	1.5	1.9	2.1	0.4	0.9	0.6	1.1	1.2	
	3H	2.2	2.7	2.5	2.9	3.1	1.1	1.6	1.3	1.8	
	4H	2.7	3.2	2.9	3.4	3.6	1.3	1.8	1.6	2.0	
	6H	3.1	3.6	3.4	3.8	4.1	1.7	2.2	2.0	2.4	
	8H	3.4	3.9	3.7	4.1	4.4	2.1	2.5	2.4	2.8	
	12H	3.7	4.2	4.0	4.4	4.7	2.5	3.0	2.8	3.2	
4H	2H	1.6	2.1	1.8	2.3	2.5	0.8	1.3	1.1	1.5	
	3H	2.7	3.1	3.0	3.4	3.6	1.7	2.1	2.0	2.4	
	4H	3.2	3.6	3.5	3.9	4.2	2.0	2.4	2.3	2.7	
	6H	3.9	4.2	4.2	4.5	4.9	2.6	3.0	3.0	3.3	
	8H	4.2	4.6	4.6	4.9	5.3	3.0	3.4	3.4	3.7	
	12H	4.7	5.0	5.1	5.4	5.8	3.6	3.9	4.0	4.3	
8H	4H	3.3	3.7	3.7	4.0	4.4	2.2	2.6	2.6	2.9	
	6H	4.1	4.4	4.6	4.8	5.2	3.0	3.3	3.4	3.7	
	8H	4.7	4.9	5.1	5.3	5.8	3.6	3.9	4.0	4.3	
	12H	5.3	5.6	5.8	6.0	6.5	4.4	4.7	4.9	5.1	
12H	4H	3.3	3.6	3.7	4.0	4.4	2.3	2.6	2.7	2.9	
	6H	4.2	4.5	4.6	4.9	5.3	3.1	3.4	3.6	3.8	
	8H	4.8	5.0	5.3	5.5	5.9	3.8	4.0	4.3	4.5	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.3 / - 0.5					+ 0.3 / - 0.3					

CIE Pub.117, 13339 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.0)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.635m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

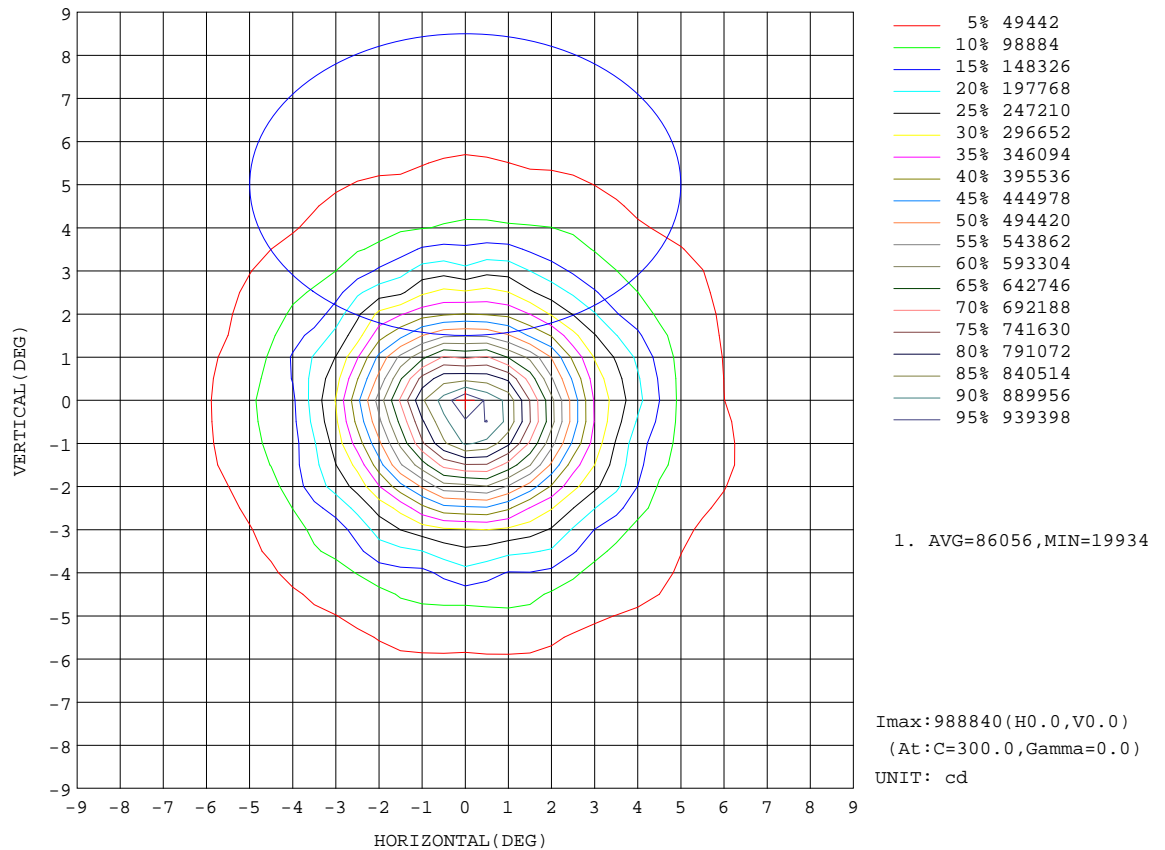
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	82	79	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	98	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOm = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.635m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



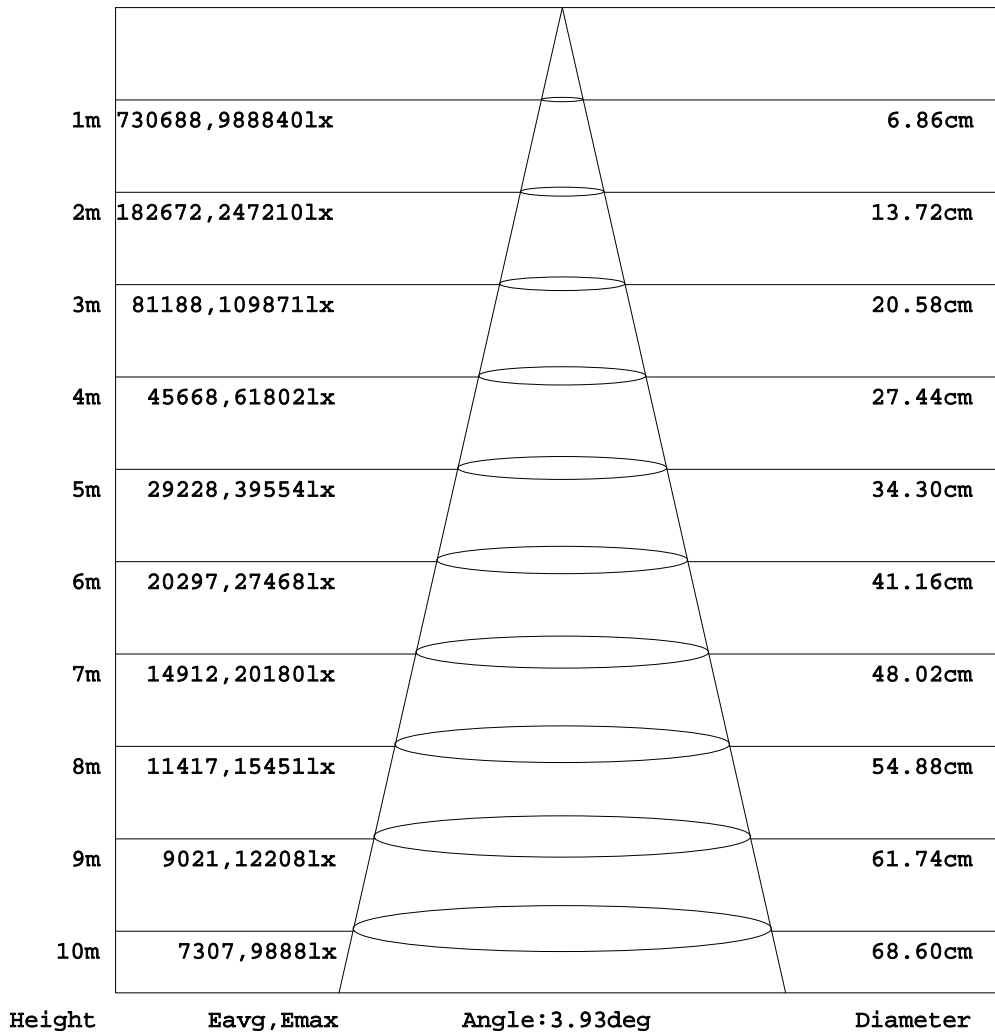
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-11-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 11.635m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

Flux out:2799 lm



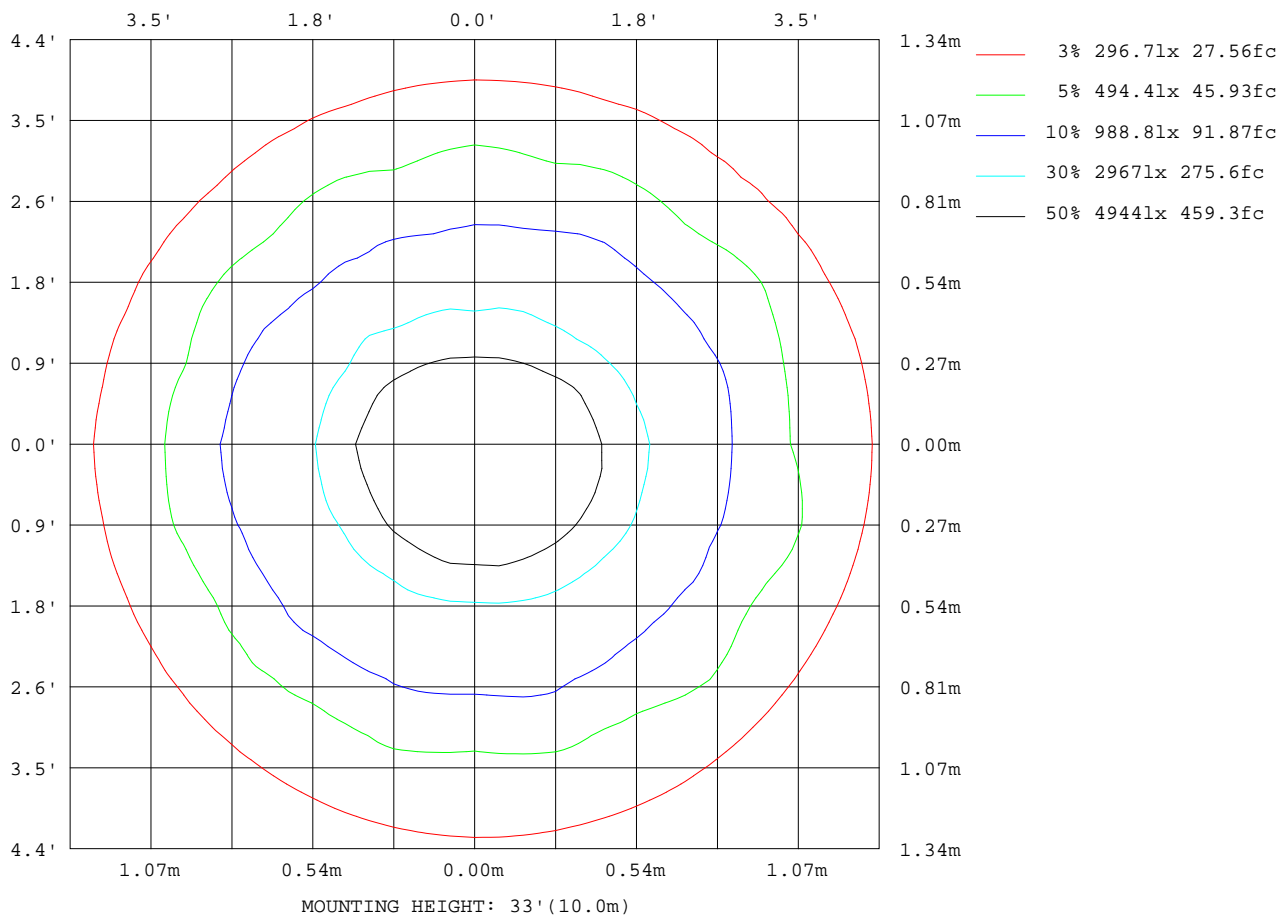
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.635m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-11-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.417
 Humidity: 65.0%
 Test Distance: 11.635m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:220.76V I:0.9423A P:202.09W PF:0.9715 Freq:50.01Hz Lamp Flux:13338.9x1 lm		
NAME: PROPOINT VISTA 200W RGBW 5D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

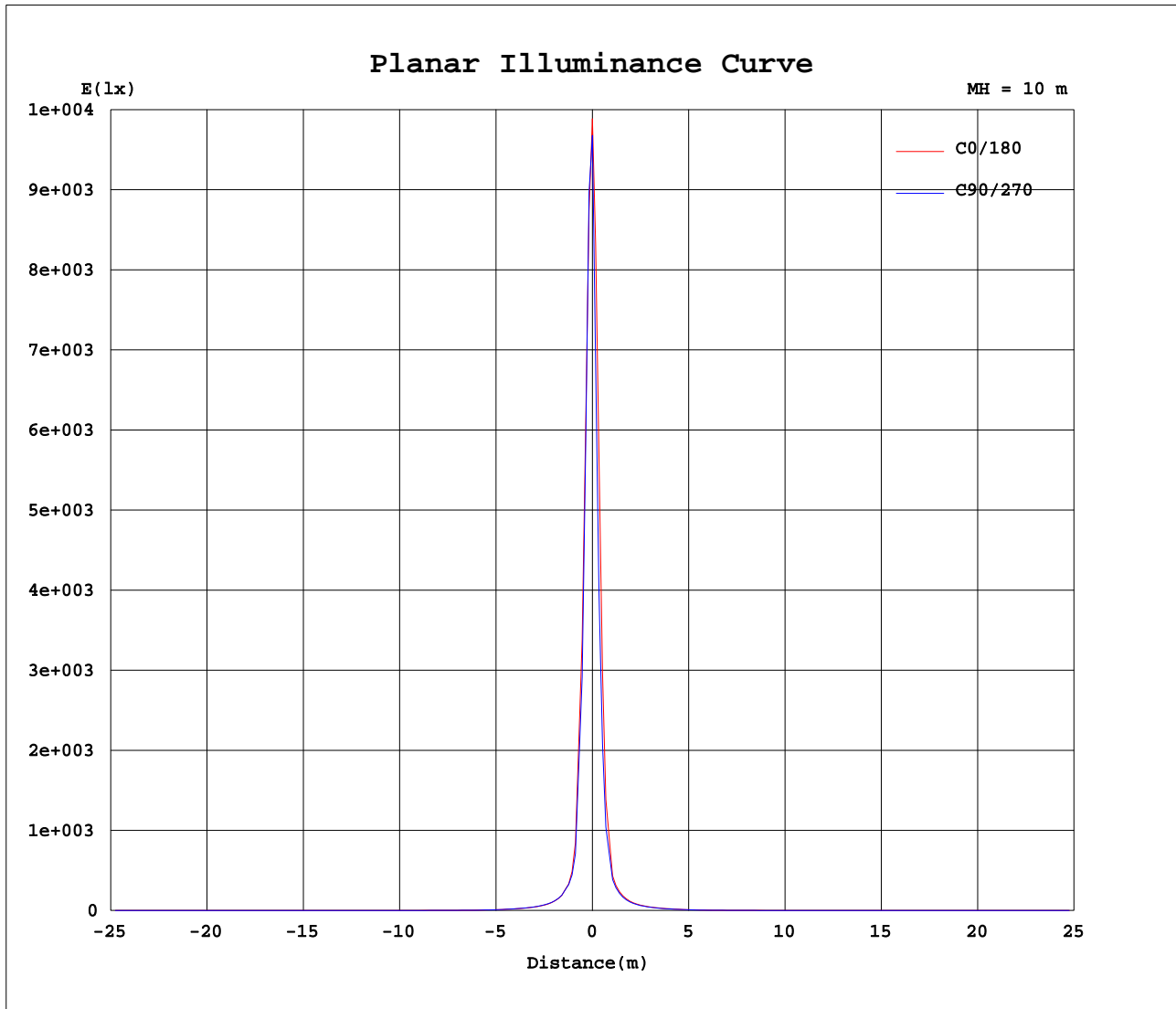
AvgL	cd/m2
L_0~180(65)av	3271
L_0~180(75)av	2476
L_0~180(85)av	4580
L_90~270(65)av	2531
L_90~270(75)av	1570
L_90~270(85)av	4875
L_45(65)av	2740
L_45(75)av	1900
L_45(85)av	4738

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.635m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-11-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
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