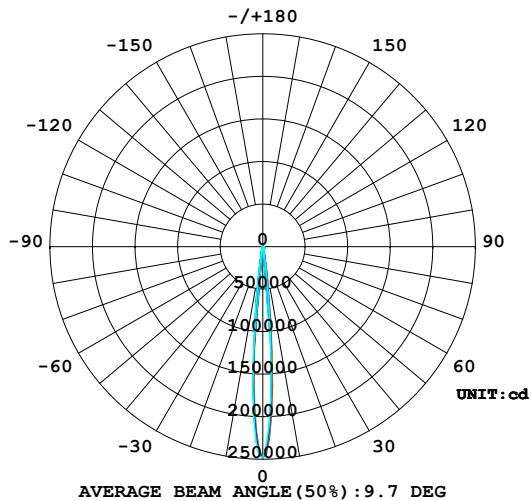


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

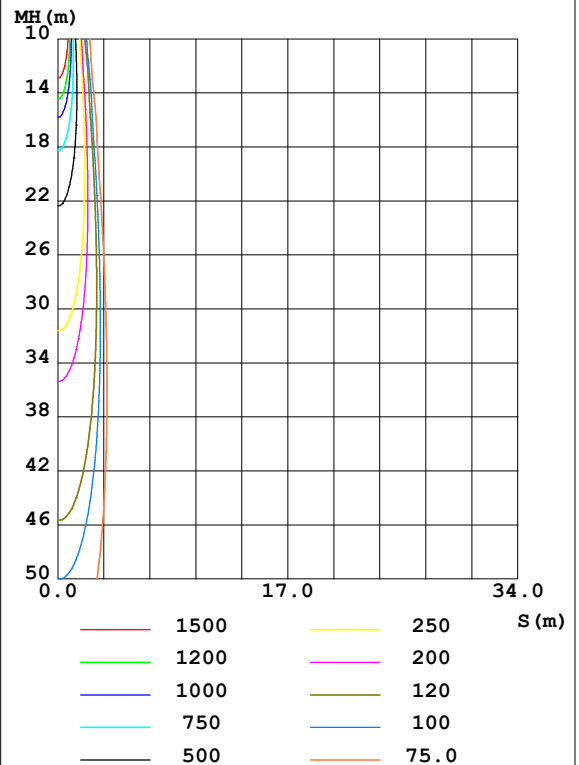
DATA OF LAMP		PHOTOMETRIC DATA				Eff: 62.23 lm/W
MODEL	OSRAM	I <sub>max</sub> (cd)	248105	S/MH (C0/180)		0.17
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH (C90/270)		0.18
RATED VOLTAGE(V)	220	TOTAL FLUX (lm)	12420	□ UP, DN (C0-180)		0.0, 48.2
NOMINAL FLUX (lm)	12419.5	CIE CLASS	DIRECT	□ UP, DN (C180-360)		0.0, 51.8
LAMPS INSIDE	1	□ up (%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE (V)	220	□ down (%)	100.0	CIBSE SHR MAX		1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



— C0/180, 9.8 Ic=248105  
 — C30/210, 9.7 Ic=248105  
 — C60/240, 9.6 Ic=248105  
 — C90/270, 9.6 Ic=248105

C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



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

□ Range: 0 - 90DEG  
 □ 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:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	203.1	167.6	150.9	157.9	173.3	175.9	186.2	211.5	0- 10	7756	7756	62.5,62.5
20	35.17	34.48	33.37	33.56	34.08	34.34	34.98	35.28	10- 20	1883	9639	77.6,77.6
30	15.42	15.33	14.18	15.09	15.18	15.01	14.02	15.28	20- 30	1030	10669	85.9,85.9
40	8.030	7.615	7.339	7.604	8.088	7.414	7.156	7.401	30- 40	663.3	11332	91.2,91.2
50	4.878	4.536	4.387	4.551	4.999	4.401	4.217	4.327	40- 50	455.2	11787	94.9,94.9
60	3.111	2.765	2.538	2.829	3.194	2.664	2.368	2.614	50- 60	321.0	12108	97.5,97.5
70	1.530	1.229	1.112	1.273	1.536	1.104	0.9298	1.089	60- 70	193.5	12302	99.1,99.1
80	0.5859	0.4719	0.4183	0.4881	0.5108	0.3695	0.2927	0.3556	70- 80	77.26	12379	99.7,99.7
90	0.3479	0.3443	0.3432	0.3433	0.2655	0.2716	0.2867	0.2869	80- 90	40.40	12420	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): 11579 lm

%lum = 93.2%

%lamp = 93.2%

Conical surface Flux(120deg): 12108 lm

%lum = 97.5%

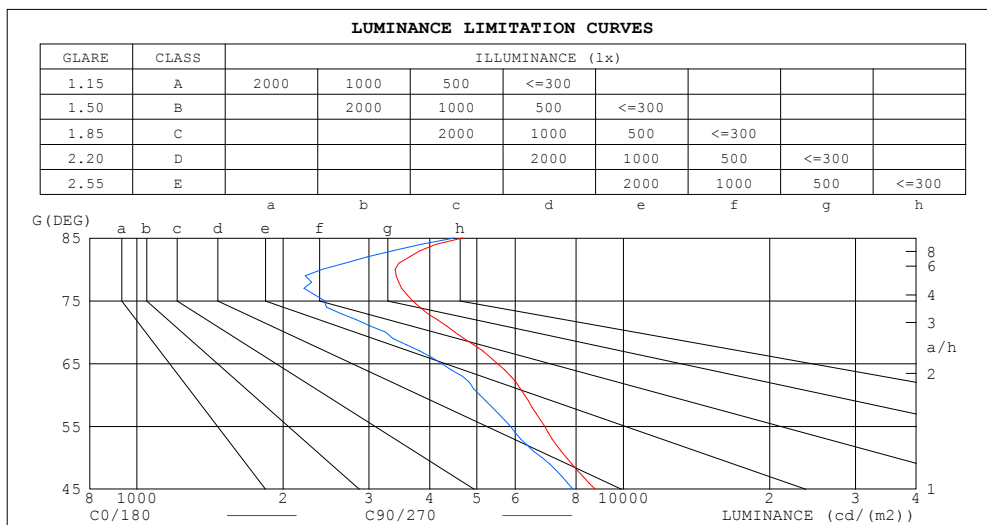
%lamp = 97.5%

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

□ Range: 0 - 90DEG  
 □ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4673	4497
80	3399	2404
75	3687	2431
70	4505	3245
65	5512	4234
60	6267	5065
55	6891	5858
50	7644	6812
45	8756	7887

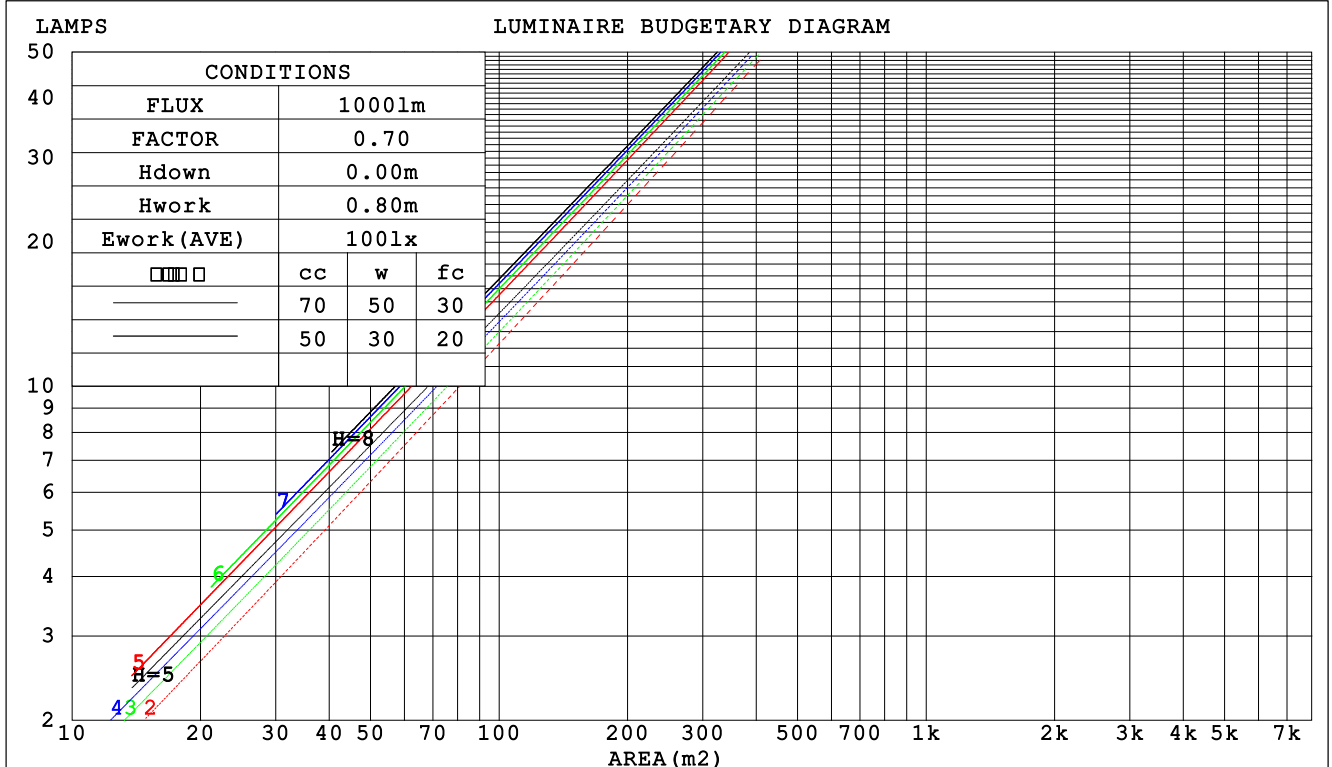
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date:

☐ Range: 0 - 90DEG  
☐ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



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

□ Range: 0 - 90DEG  
□ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients (WEC)					
0.0						
1.0	.139 .079 .025	.133 .076 .024	.120 .069 .022	.109 .063 .020	.099 .057 .018	
2.0	.128 .070 .022	.123 .068 .021	.112 .063 .019	.103 .058 .018	.094 .053 .017	
3.0	.118 .063 .019	.113 .061 .018	.105 .057 .017	.097 .053 .016	.090 .050 .015	
4.0	.109 .057 .017	.105 .055 .016	.098 .052 .016	.091 .049 .015	.085 .046 .014	
5.0	.101 .051 .015	.098 .050 .015	.092 .048 .014	.086 .045 .014	.081 .043 .013	
6.0	.094 .047 .013	.091 .046 .013	.086 .044 .013	.081 .042 .012	.077 .040 .012	
7.0	.088 .043 .012	.086 .043 .012	.081 .041 .012	.077 .039 .011	.073 .038 .011	
8.0	.083 .040 .011	.081 .040 .011	.077 .038 .011	.073 .037 .011	.070 .036 .010	
9.0	.078 .038 .011	.076 .037 .010	.073 .036 .010	.069 .035 .010	.066 .034 .010	
10.0	.074 .035 .010	.072 .035 .010	.069 .034 .010	.066 .033 .009	.063 .032 .009	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	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	.169 .158 .148	.144 .135 .127	.099 .093 .088	.057 .054 .051	.018 .017 .017	
2.0	.150 .133 .118	.129 .114 .102	.088 .079 .071	.051 .046 .042	.016 .015 .014	
3.0	.135 .113 .096	.116 .098 .083	.080 .068 .058	.046 .040 .034	.015 .013 .011	
4.0	.122 .098 .079	.105 .085 .069	.072 .059 .048	.042 .035 .029	.013 .011 .009	
5.0	.111 .085 .066	.096 .074 .058	.066 .052 .041	.038 .030 .024	.012 .010 .008	
6.0	.102 .075 .056	.087 .065 .049	.060 .046 .035	.035 .027 .021	.011 .009 .007	
7.0	.094 .067 .048	.080 .058 .042	.056 .041 .030	.032 .024 .018	.010 .008 .006	
8.0	.086 .060 .042	.074 .052 .036	.051 .037 .026	.030 .022 .015	.010 .007 .005	
9.0	.080 .054 .037	.069 .047 .032	.048 .033 .023	.028 .020 .014	.009 .006 .004	
10.0	.075 .049 .032	.064 .043 .028	.045 .030 .020	.026 .018 .012	.008 .006 .004	

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

☐ Range: 0 - 90DEG  
☐ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm										
NAME: PROPOINT VISTA 200W RGBW 10D 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	5.2	5.8	5.4	6.0	6.1	4.5	5.1	4.7	5.2	5.4
3H	6.1	6.7	6.3	6.9	7.0	5.1	5.7	5.3	5.9	6.0
4H	6.4	6.9	6.6	7.1	7.3	5.2	5.8	5.5	6.0	6.2
6H	6.6	7.1	6.8	7.3	7.6	5.3	5.9	5.6	6.1	6.3
8H	6.7	7.2	7.0	7.4	7.7	5.4	6.0	5.7	6.2	6.4
12H	6.8	7.3	7.1	7.5	7.8	5.6	6.1	5.9	6.3	6.6
4H 2H	5.5	6.1	5.8	6.3	6.5	4.9	5.4	5.1	5.6	5.8
3H	6.5	7.0	6.8	7.3	7.5	5.6	6.1	5.9	6.4	6.6
4H	6.8	7.3	7.2	7.6	7.9	5.8	6.3	6.1	6.5	6.8
6H	7.1	7.5	7.5	7.9	8.2	6.0	6.4	6.3	6.7	7.0
8H	7.3	7.7	7.6	8.0	8.4	6.1	6.5	6.5	6.8	7.2
12H	7.4	7.8	7.8	8.2	8.5	6.3	6.7	6.7	7.1	7.4
8H 4H	6.8	7.2	7.2	7.6	7.9	5.9	6.3	6.3	6.6	7.0
6H	7.2	7.5	7.6	7.9	8.3	6.1	6.4	6.5	6.8	7.2
8H	7.4	7.7	7.9	8.1	8.6	6.3	6.6	6.8	7.1	7.5
12H	7.7	8.0	8.2	8.4	8.9	6.7	7.0	7.2	7.4	7.9
12H 4H	6.8	7.2	7.2	7.5	7.9	5.8	6.2	6.3	6.6	7.0
6H	7.2	7.5	7.7	7.9	8.4	6.1	6.4	6.6	6.8	7.3
8H	7.5	7.7	7.9	8.2	8.6	6.4	6.7	6.9	7.1	7.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.5 / - 0.7				
1.5H	+ 0.4 / - 0.3					+ 0.3 / - 0.3				
2.0H	+ 0.7 / - 0.6					+ 0.7 / - 0.6				

CIE Pub.117, 12420 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.8)  
Area: 0.1 m2

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

☐ Range: 0 - 90DEG  
☐ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

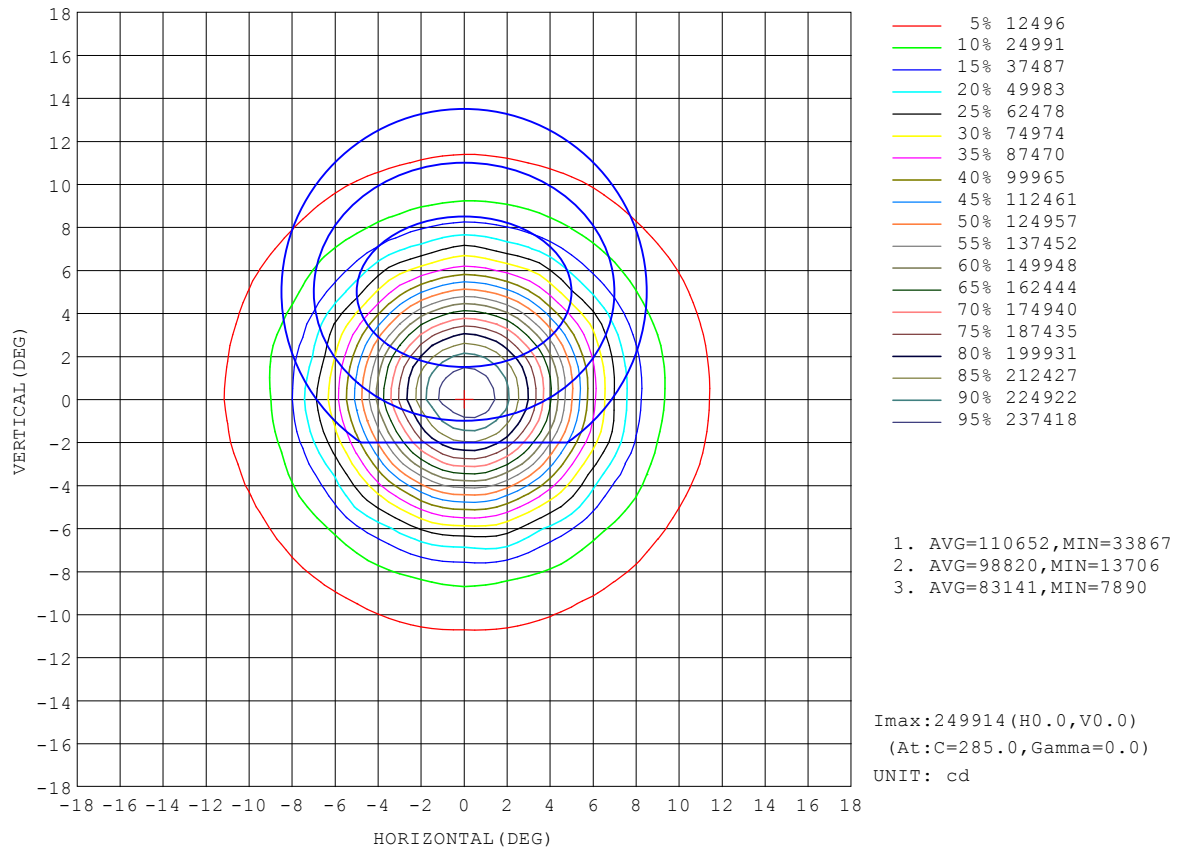
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	79	76	85	79	75	72
0.80	94	87	84	93	87	83	92	87	83	79
1.00	98	92	88	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	109	109	107	106	98
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:

☐ Range: 0 - 90DEG  
☐ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



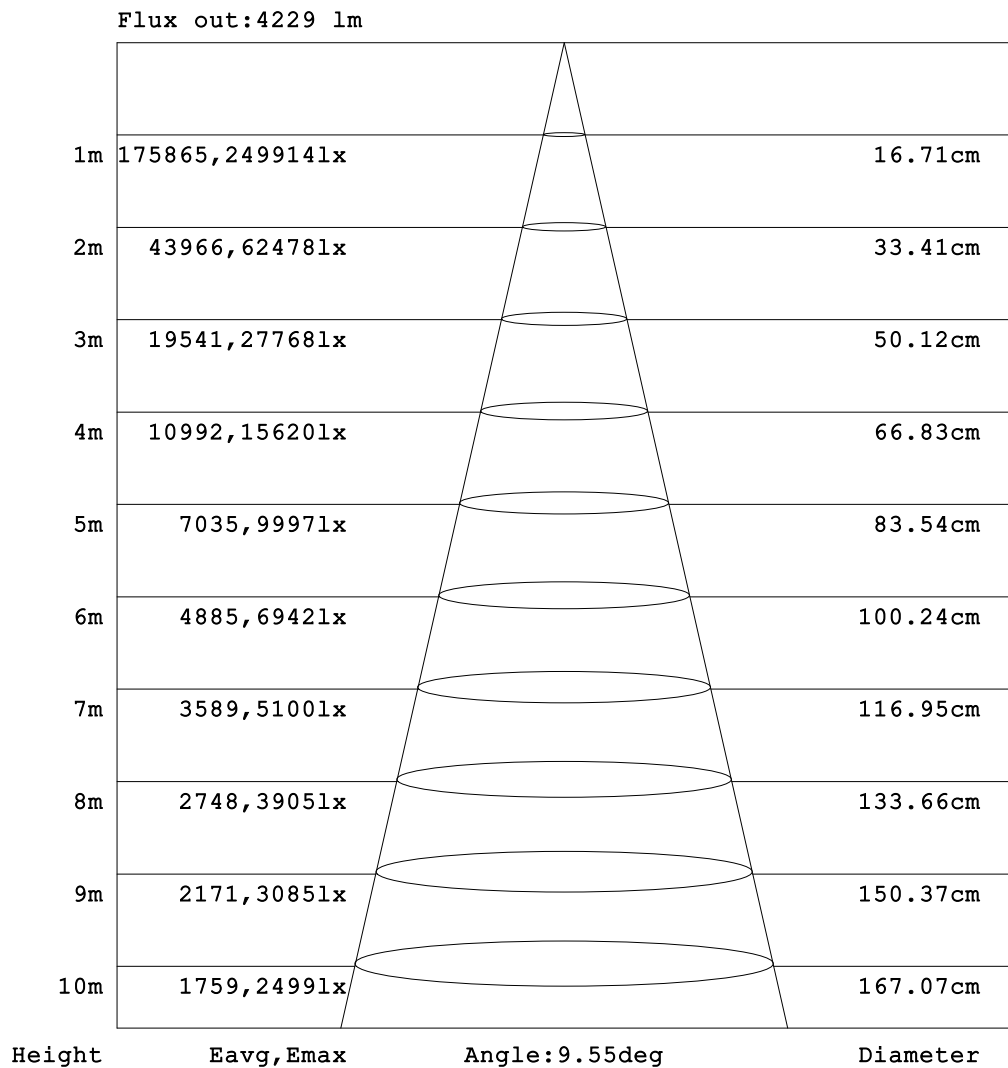
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:

☐ Range: 0 - 90DEG  
☐ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



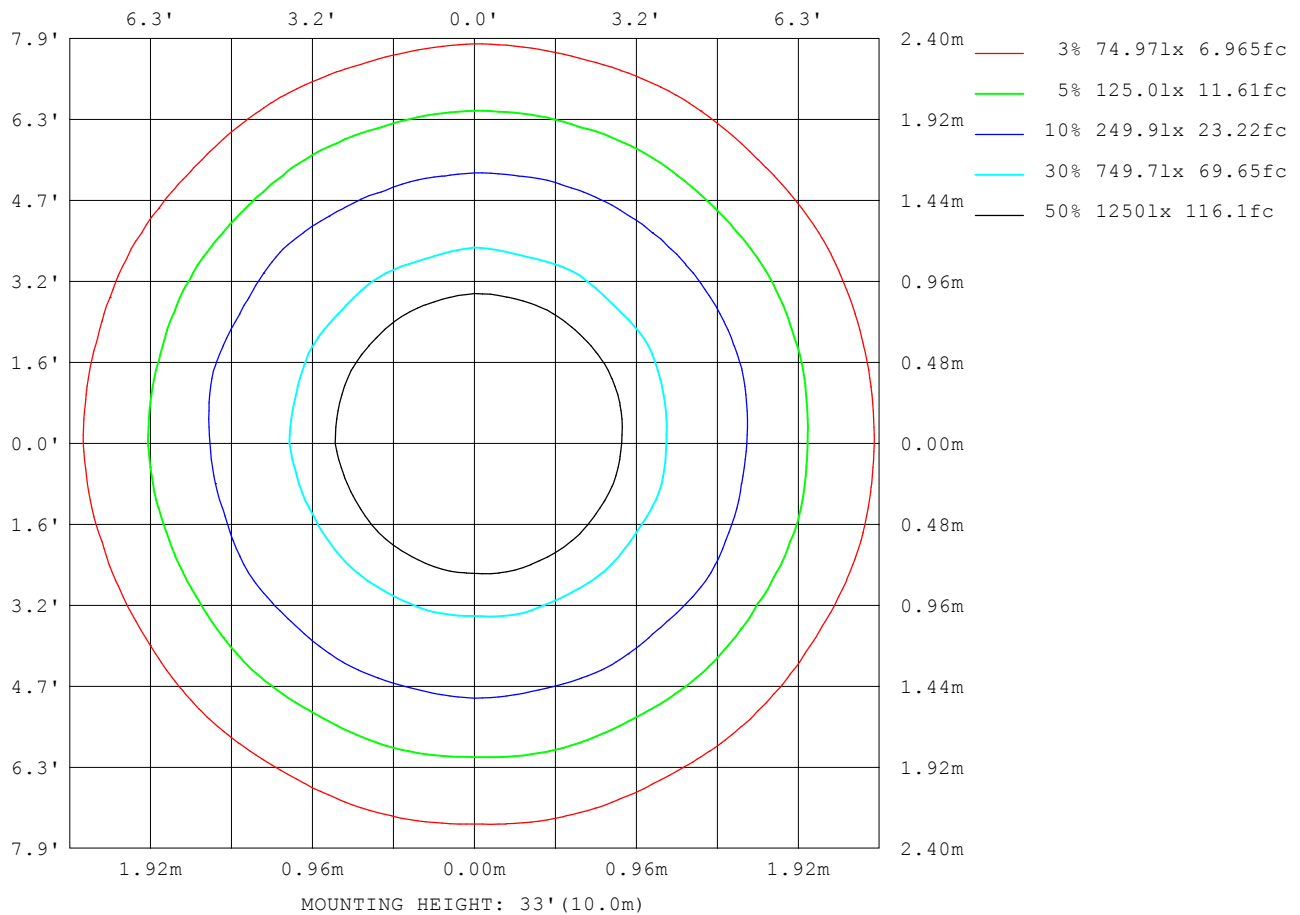
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

☐ Range: 0 - 90DEG  
☐ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D 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:

☐ Range: 0 - 90DEG  
☐ 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:220.75V I:0.9319A P:199.58W PF:0.9701 Freq:50.01Hz Lamp Flux:12419.5x1 lm		
NAME: PROPOINT VISTA 200W RGBW 10D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

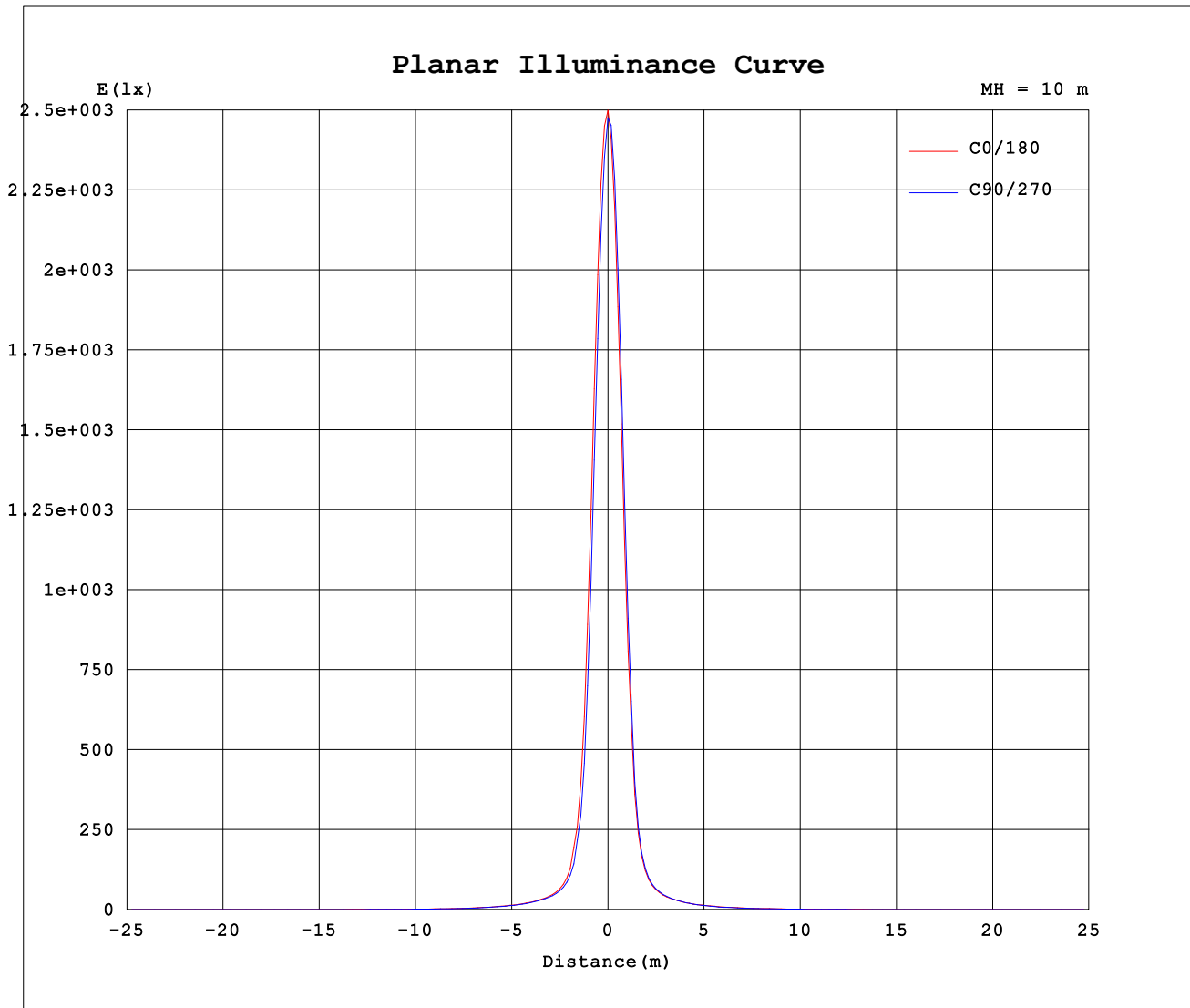
AvgL	cd/m2
L_0~180 (65) av	5534
L_0~180 (75) av	3547
L_0~180 (85) av	4303
L_90~270 (65) av	4037
L_90~270 (75) av	2129
L_90~270 (85) av	4323
L_45 (65) av	4440
L_45 (75) av	2524
L_45 (85) av	4229

Standard: GB/T 29293-2012

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

☐ Range: 0 - 90DEG  
☐ 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:

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
 Humidity: 65.0%  
 Test Distance: 11.635m [K=1.0000]  
 Remarks:

☐ Range: 0 - 90DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
 Humidity:65.0%  
 Test Distance:11.635m [K=1.0000]  
 Remarks:

```

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

```