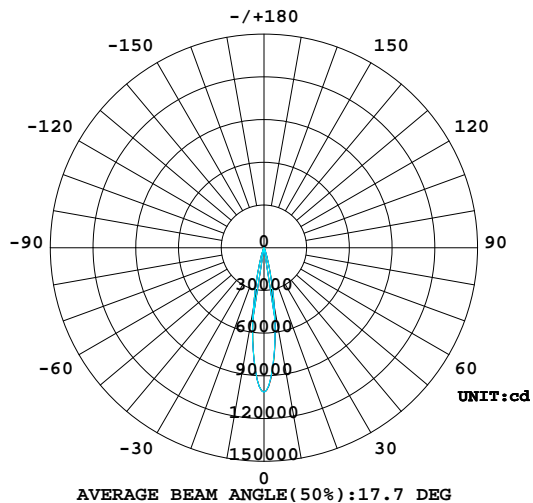


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

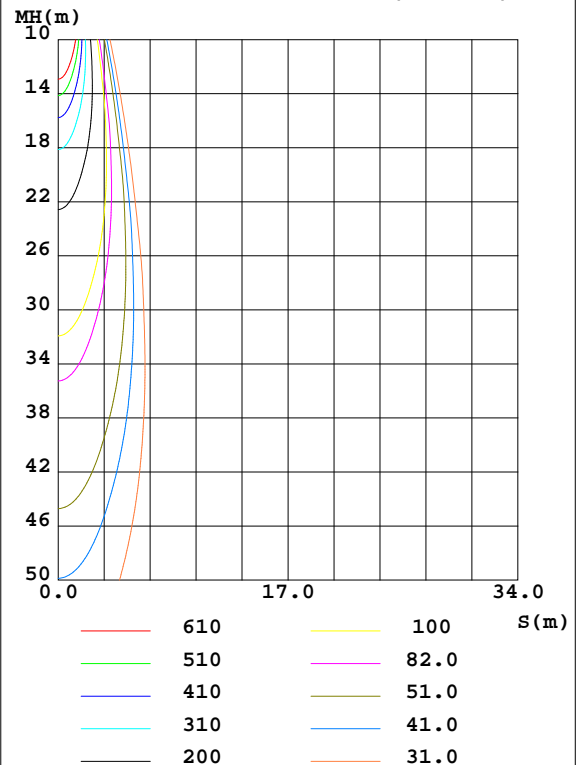
DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.52 lm/W			
MODEL	OSRAM	I _{max} (cd)	101479	S/MH(C0/180)	0.31
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	0.31
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	12739	η UP,DN(C0-180)	0.0,49.7
NOMINAL FLUX(lm)	12738.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



— C0/180,17.8 Ic=101479
— C30/210,17.7 Ic=101479
— C60/240,17.7 Ic=101479
— C90/270,17.7 Ic=101479

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-01

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	424.9	420.4	413.6	420.7	425.9	422.9	429.1	431.7	0- 10	6369	6369	50,50
20	46.48	45.42	43.96	45.36	45.56	44.58	45.90	46.75	10- 20	4465	10834	85,85
30	8.861	8.816	8.021	8.852	8.630	8.508	7.936	8.687	20- 30	873.7	11708	91.9,91.9
40	4.493	4.224	3.972	4.153	4.263	3.933	3.723	4.034	30- 40	363.3	12071	94.8,94.8
50	3.023	2.701	2.555	2.611	2.769	2.485	2.395	2.543	40- 50	252.4	12323	96.7,96.7
60	2.161	1.830	1.635	1.790	1.971	1.663	1.505	1.745	50- 60	201.6	12525	98.3,98.3
70	1.070	0.8289	0.7073	0.8220	0.9434	0.7193	0.6247	0.7359	60- 70	122.9	12648	99.3,99.3
80	0.4693	0.3919	0.3703	0.3925	0.3582	0.2951	0.2727	0.3010	70- 80	54.22	12702	99.7,99.7
90	0.3685	0.3697	0.3722	0.3707	0.2483	0.2531	0.2586	0.2515	80- 90	36.70	12739	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): 12205 lm

%lum = 95.8%

%lamp = 95.8%

Conical surface Flux(120deg): 12525 lm

%lum = 98.3%

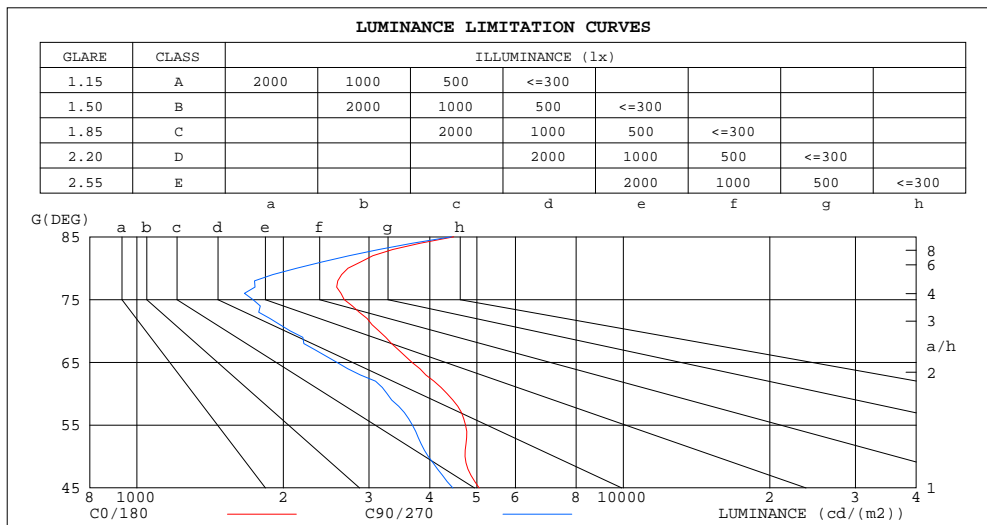
%lamp = 98.3%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4479	4430
80	2716	2131
75	2668	1732
70	3145	2066
65	3677	2577
60	4342	3268
55	4739	3683
50	4726	3972
45	5054	4463

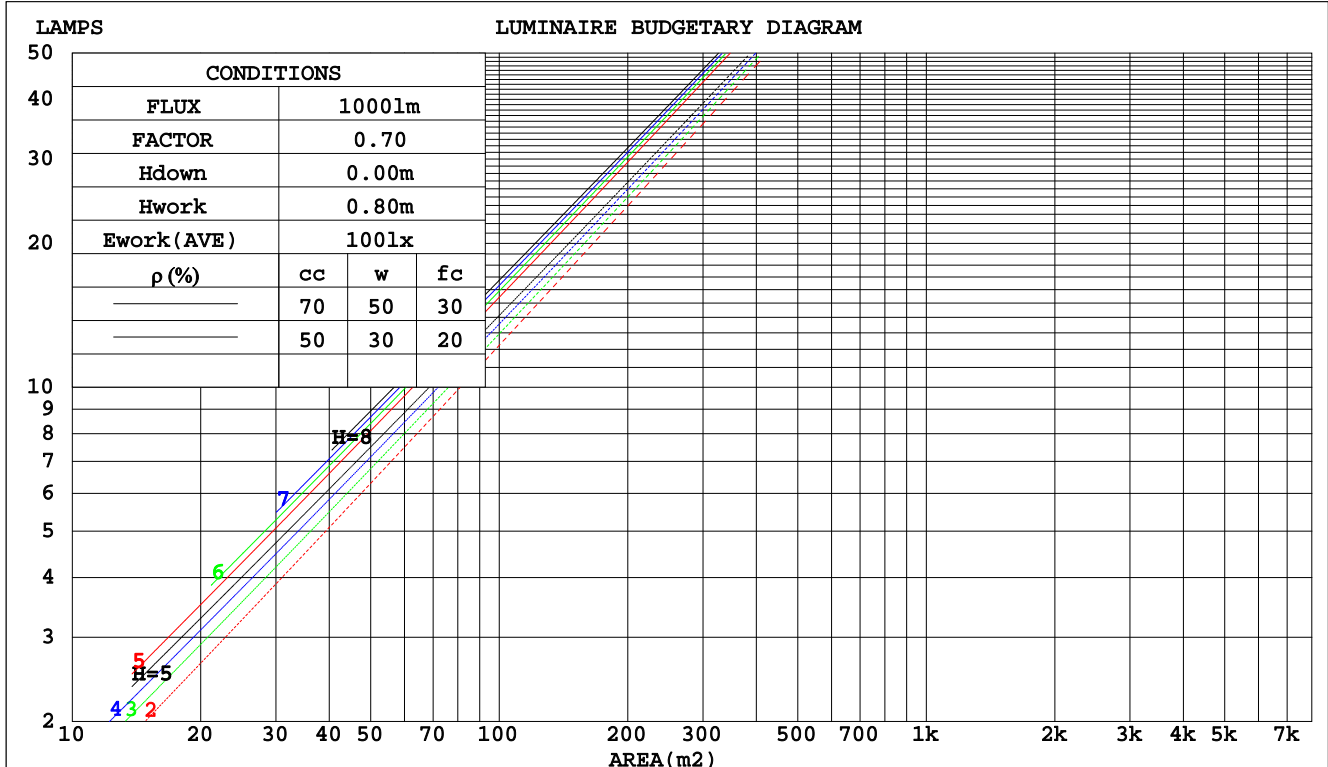
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D 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	.00
1.0	1.13	1.11	1.09	1.11	1.09	1.08	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.04	1.01	1.03	1.01	.99	1.00	.98	.97	.98	.96	.95	.94
3.0	1.04	1.00	.97	1.02	.99	.96	.00	.97	.95	.97	.95	.94	.95	.94	.92	.91
4.0	.00	.96	.93	.99	.95	.93	.97	.94	.92	.95	.93	.91	.93	.91	.90	.88
5.0	.97	.93	.90	.96	.92	.90	.94	.91	.89	.93	.90	.88	.91	.89	.87	.86
6.0	.94	.90	.87	.93	.90	.87	.92	.89	.86	.91	.88	.86	.90	.87	.85	.84
7.0	.91	.88	.85	.91	.87	.85	.90	.87	.84	.89	.86	.84	.88	.85	.83	.83
8.0	.89	.85	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.86	.84	.82	.81
9.0	.87	.84	.81	.87	.83	.81	.86	.83	.81	.85	.82	.80	.85	.82	.80	.79
10.0	.85	.82	.79	.85	.82	.79	.84	.81	.79	.84	.81	.79	.83	.81	.79	.78



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.137	.078	.025	.130	.074	.024	.118	.068	.022	.106	.061	.020	.096	.056	.018	
2.0	.125	.069	.021	.120	.066	.020	.109	.061	.019	.100	.056	.018	.091	.052	.016	
3.0	.115	.061	.018	.111	.059	.018	.102	.055	.017	.094	.052	.016	.087	.048	.015	
4.0	.107	.055	.016	.103	.054	.016	.096	.051	.015	.089	.048	.014	.083	.045	.014	
5.0	.099	.051	.015	.096	.049	.014	.090	.047	.014	.085	.045	.013	.079	.042	.013	
6.0	.093	.047	.013	.090	.046	.013	.085	.044	.013	.080	.042	.012	.076	.040	.012	
7.0	.088	.043	.012	.085	.042	.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	.077	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010	
10.0	.075	.036	.010	.073	.035	.010	.070	.034	.010	.067	.033	.009	.064	.032	.009	

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						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	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.115	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.080	.104	.085	.069	.072	.059	.049	.042	.034	.029	.013	.011	.009	
5.0	.111	.085	.067	.095	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.101	.075	.056	.087	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.093	.067	.048	.080	.058	.042	.056	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.086	.060	.042	.074	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.080	.054	.036	.069	.047	.032	.048	.033	.023	.028	.020	.013	.009	.006	.004	
10.0	.075	.049	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm											
NAME: PROPOINT VISTA 200W RGBW 20D 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	2H	1.9	2.5	2.1	2.7	2.8	0.8	1.4	1.0	1.5	1.7
	3H	2.9	3.5	3.1	3.6	3.8	1.5	2.1	1.7	2.2	2.4
	4H	3.2	3.8	3.5	4.0	4.2	1.7	2.3	2.0	2.5	2.7
	6H	3.5	4.1	3.8	4.3	4.5	1.9	2.5	2.2	2.7	2.9
	8H	3.7	4.2	4.0	4.5	4.7	2.2	2.7	2.5	2.9	3.2
	12H	4.0	4.5	4.3	4.7	5.0	2.6	3.1	2.9	3.3	3.6
4H	2H	2.2	2.8	2.5	3.0	3.2	1.3	1.8	1.6	2.1	2.3
	3H	3.3	3.8	3.6	4.1	4.3	2.1	2.6	2.4	2.8	3.1
	4H	3.7	4.2	4.1	4.5	4.8	2.4	2.8	2.7	3.1	3.4
	6H	4.2	4.6	4.5	4.9	5.2	2.7	3.1	3.1	3.5	3.8
	8H	4.4	4.8	4.8	5.1	5.5	3.1	3.4	3.4	3.8	4.1
	12H	4.8	5.1	5.2	5.5	5.9	3.6	3.9	4.0	4.3	4.7
8H	4H	3.8	4.2	4.2	4.5	4.9	2.5	2.9	2.9	3.3	3.6
	6H	4.3	4.7	4.8	5.0	5.5	3.0	3.4	3.5	3.7	4.2
	8H	4.7	5.0	5.2	5.4	5.9	3.5	3.8	4.0	4.2	4.7
	12H	5.3	5.5	5.7	6.0	6.4	4.3	4.5	4.8	5.0	5.4
12H	4H	3.8	4.1	4.2	4.5	4.9	2.5	2.9	2.9	3.3	3.6
	6H	4.4	4.7	4.8	5.1	5.5	3.1	3.4	3.6	3.8	4.2
	8H	4.8	5.1	5.3	5.5	6.0	3.7	3.9	4.2	4.4	4.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.4					
2.0H	+ 0.5 / - 0.6					+ 0.3 / - 0.4					

CIE Pub.117, 12739 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:2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

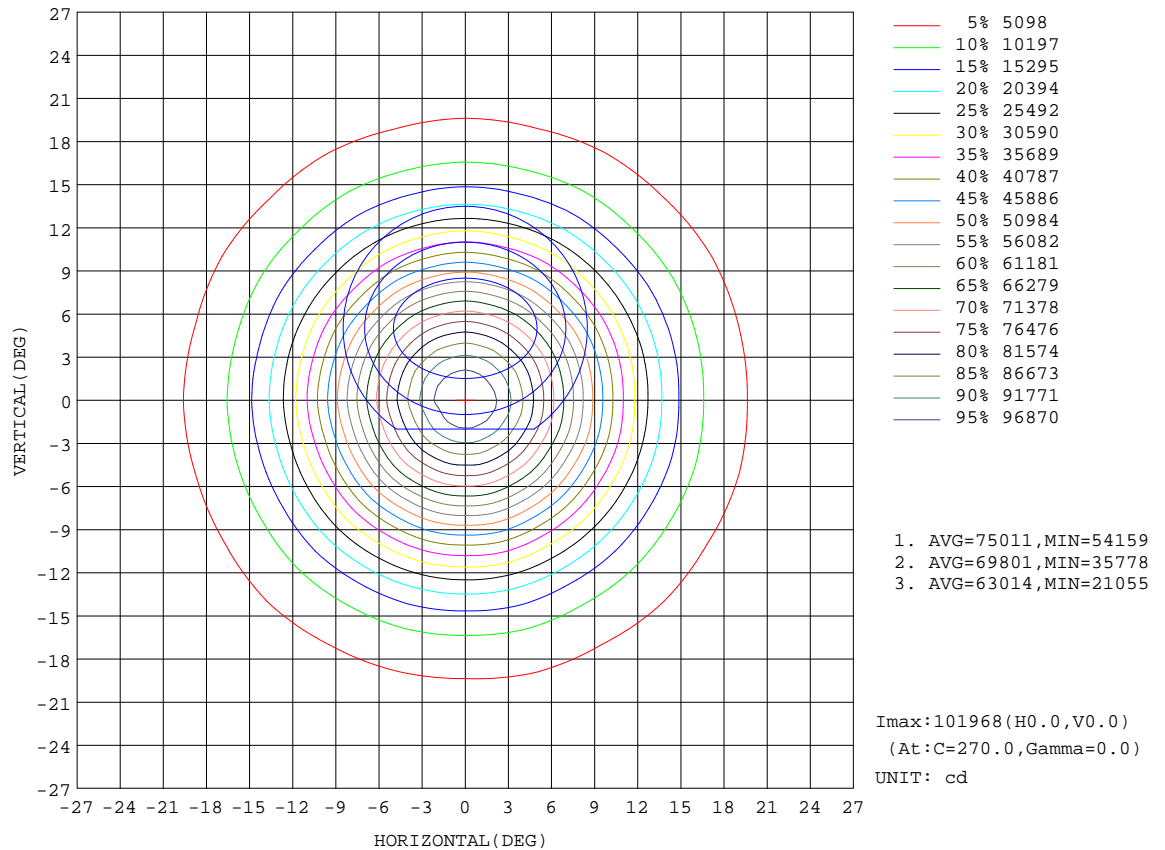
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	82	78	75
0.80	96	90	86	95	89	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	103	98	95	102	98	95	101	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	101	107	103	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:2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



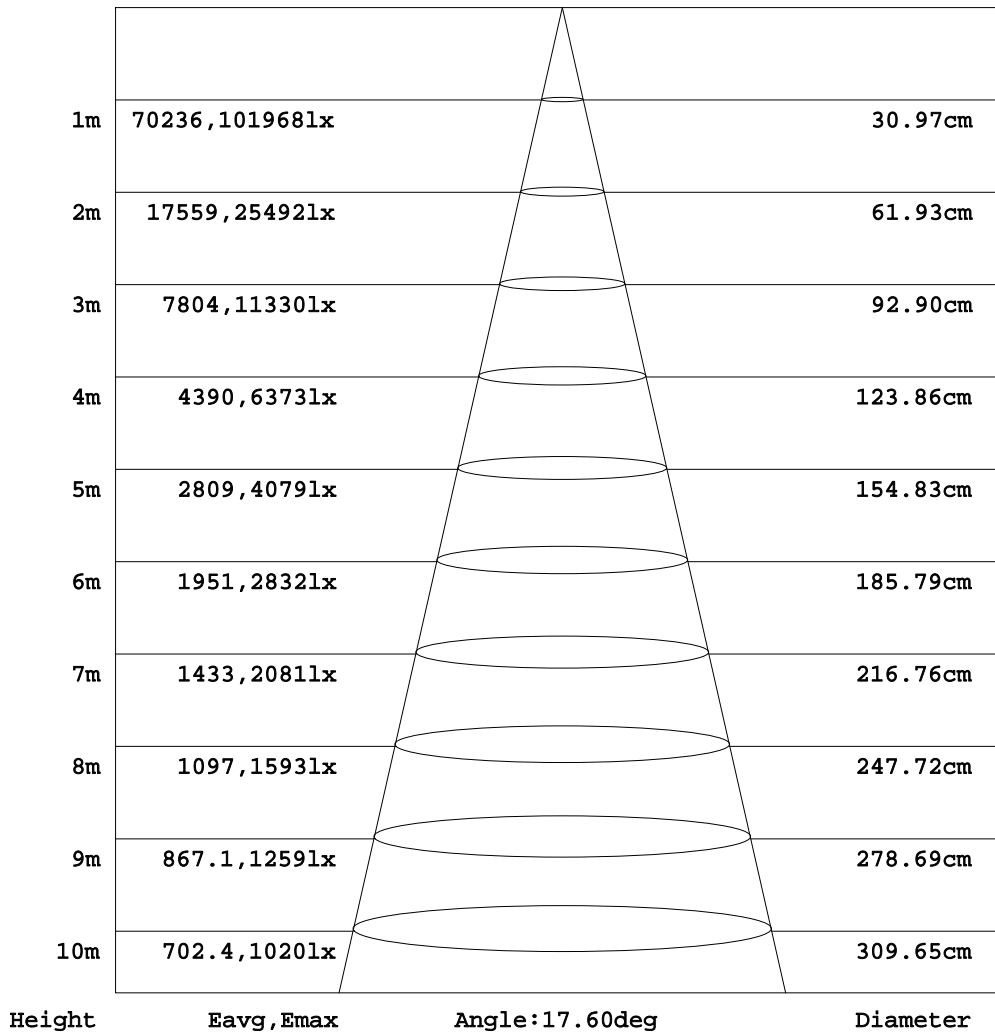
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

Flux out:5535 lm



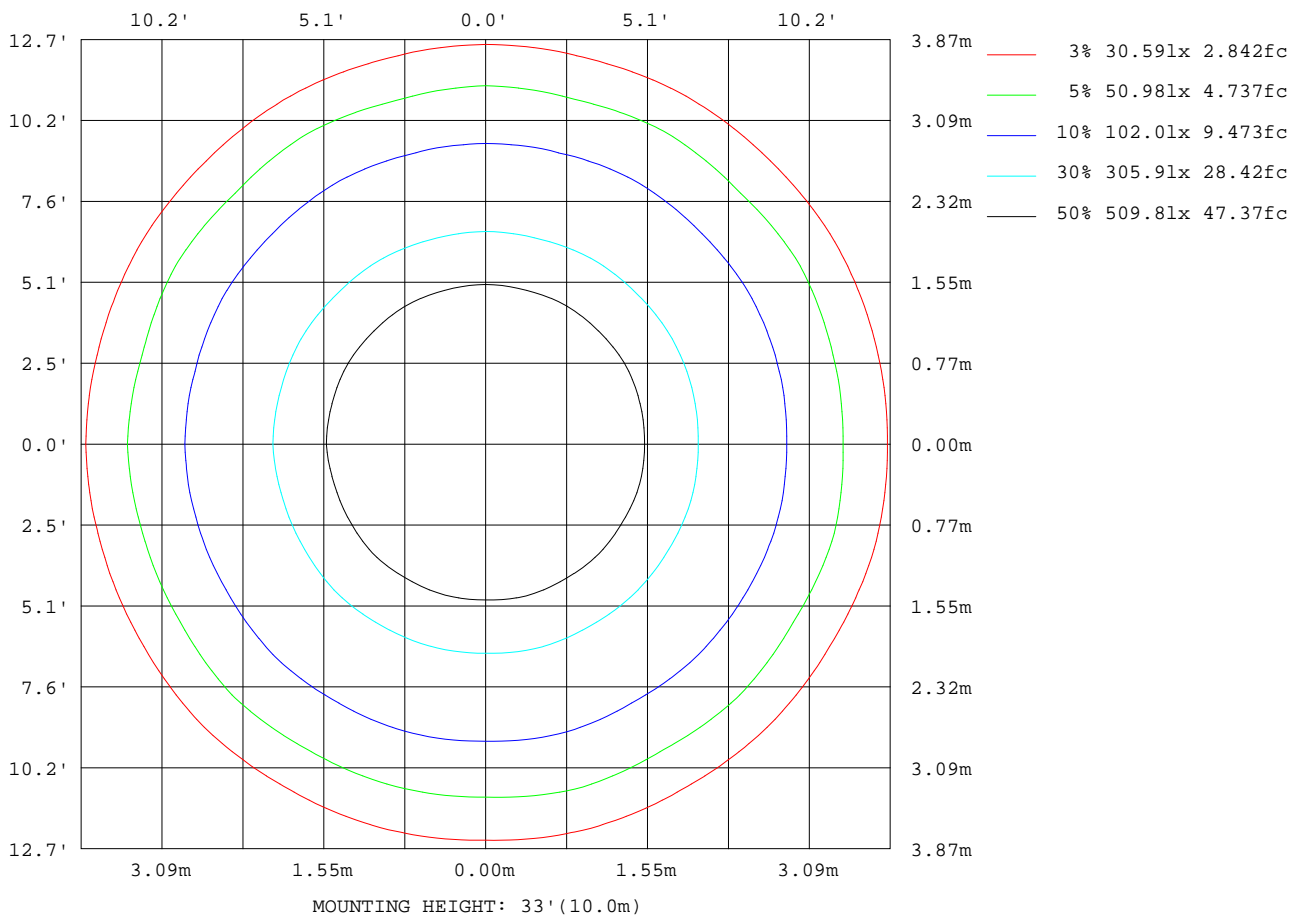
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D 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: 2022-11-01

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:220.78V I:0.9222A P:197.45W PF:0.9697 Freq:50.01Hz Lamp Flux:12738.7x1 lm		
NAME: PROPOINT VISTA 200W RGBW 20D FULL ON	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

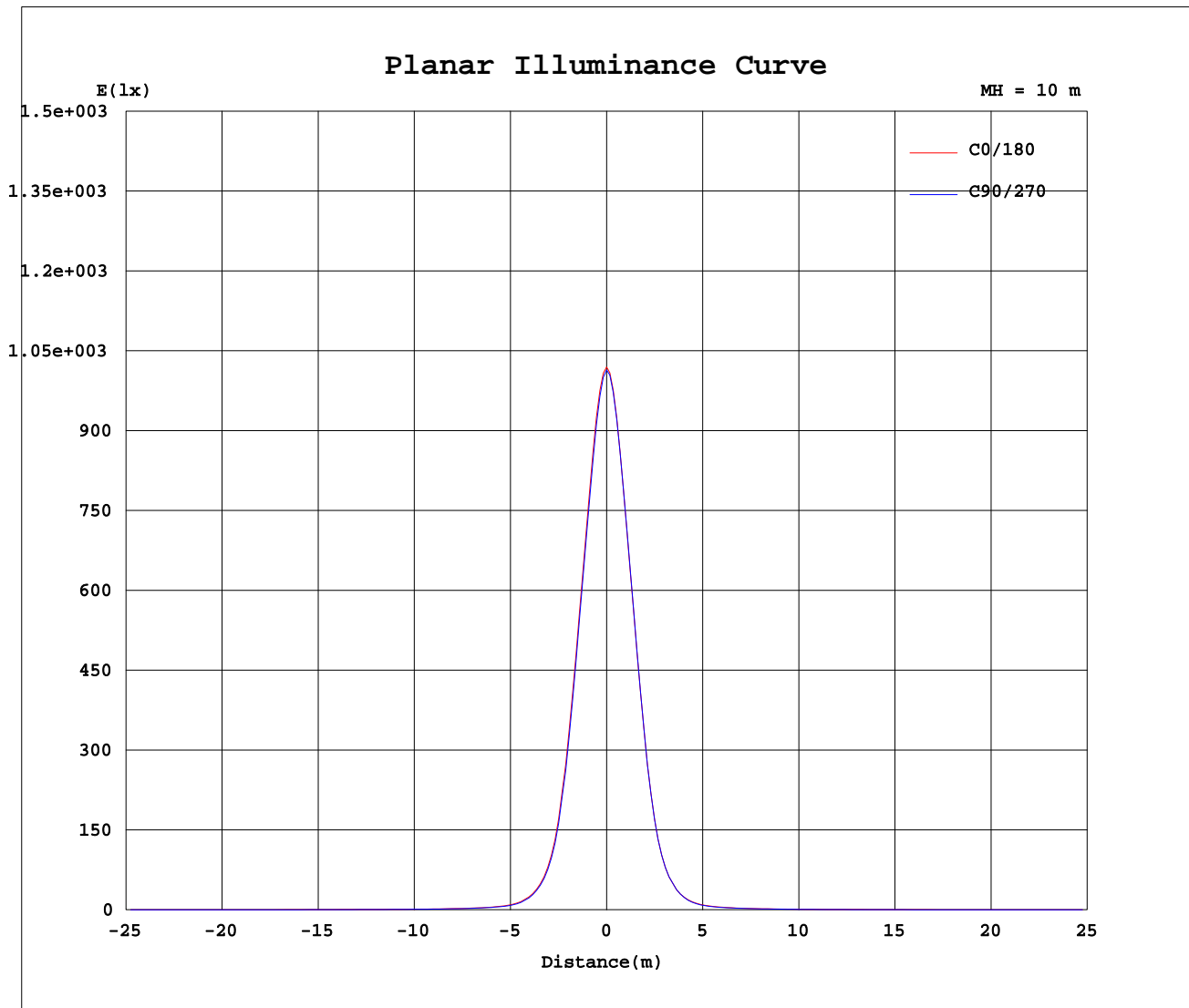
AvgL	cd/m2
L_0~180(65)av	3519
L_0~180(75)av	2411
L_0~180(85)av	3883
L_90~270(65)av	2470
L_90~270(75)av	1546
L_90~270(85)av	3928
L_45(65)av	2755
L_45(75)av	1806
L_45(85)av	3876

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-11-01

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: 2022-11-01

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:

```

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:

```

```

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:

```