

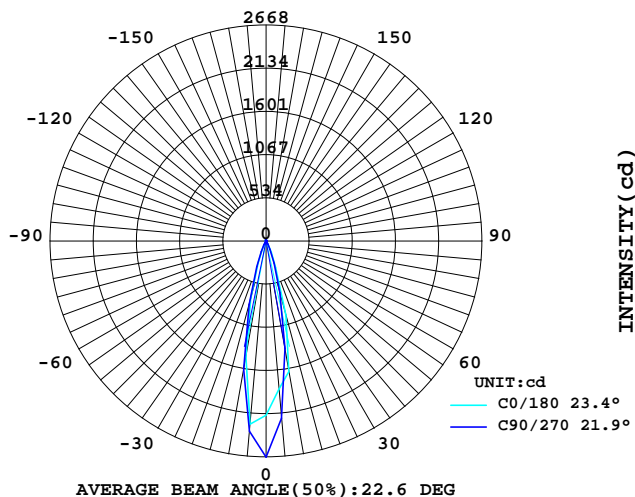
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: EL-RP20210721-5

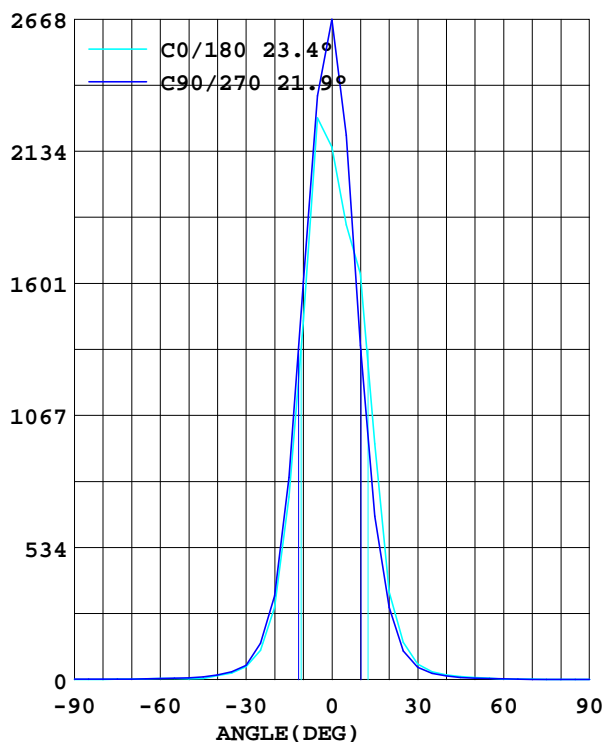
MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	2762	S/MH(C0/180)	0.41
MODEL	18W 6 IN 1	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.39
NOMINAL POWER(W)	0	TOTAL FLUX(lm)	547.46	Voltage(V)	0
RATED VOLTAGE(V)	AC110	EFFICIENCY(lm/W)		Current(A)	0
NOMINAL FLUX(lm)	547.5	η up(%)	4.0	Power(W)	0
LAMPS QUANTITY	1	η down(%)	96.0	Power Factor(PF)	0
TEST VOLTAGE(V)	0.0	Effective Flux(lm)	424.2	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



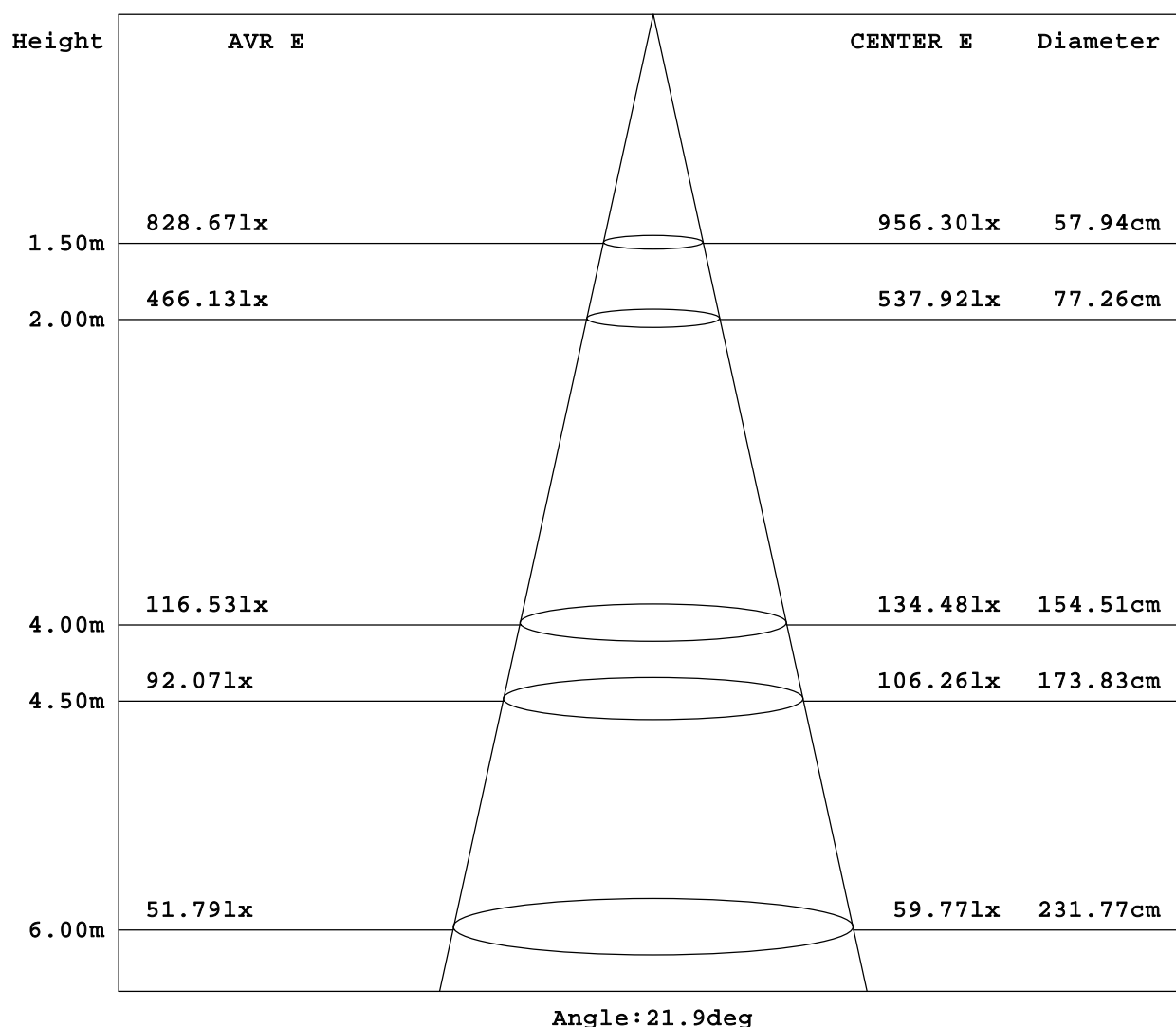
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

AVERAGE AND CENTER E Figure

Report number: EL-RP20210721-5

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ZONAL FLUX DIAGRAM

Report number: EL-RP20210721-5

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	1449	1450	1607	1877	1639	1711	1350	1033	0- 10	190.4	190.4
20.0	291.9	231.7	338.4	461.2	353.8	389.9	291.6	193.9	10- 20	225.1	415.5
30.0	52.99	49.53	58.11	94.59	62.20	59.39	49.79	36.60	20- 30	71.46	487.0
40.0	16.19	14.59	18.30	21.24	18.62	19.32	14.40	12.80	30- 40	20.53	507.5
50.0	2.880	5.632	7.680	7.680	7.808	8.576	5.696	5.952	40- 50	8.216	515.7
60.0	3.968	3.072	4.096	1.408	1.728	5.504	2.816	3.200	50- 60	4.495	520.2
70.0	1.984	1.472	2.304	1.984	1.792	3.392	1.152	1.536	60- 70	2.576	522.8
80.0	1.280	0.832	1.600	0.960	0.448	2.240	0.448	0.768	70- 80	1.558	524.3
90.0	1.152	0.832	1.472	0.768	0.384	1.792	0.384	0.640	80- 90	1.056	525.4
100.0	1.152	0.896	1.472	0.896	0.448	1.664	0.384	0.640	90-100	1.016	526.4
110.0	1.216	1.088	1.024	0.960	0.512	1.088	0.320	0.640	100-110	0.938	527.4
120.0	2.304	2.304	1.344	1.536	0.640	0.704	0.640	0.832	110-120	0.994	528.4
130.0	7.424	7.616	5.888	4.480	1.216	1.088	1.216	1.856	120-130	2.132	530.5
140.0	14.46	15.29	14.33	12.92	2.688	2.624	0.960	3.776	130-140	4.705	535.2
150.0	13.24	10.81	16.51	18.24	4.672	4.736	5.056	4.352	140-150	5.895	541.1
160.0	8.192	6.656	10.11	12.35	5.184	5.760	5.632	5.632	150-160	4.011	545.1
170.0	6.080	4.480	6.592	6.912	4.864	5.120	4.992	4.800	160-170	1.840	546.9
180.0	5.376	3.328	5.184	4.992	1.408	4.352	4.480	4.416	170-180	0.475	547.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
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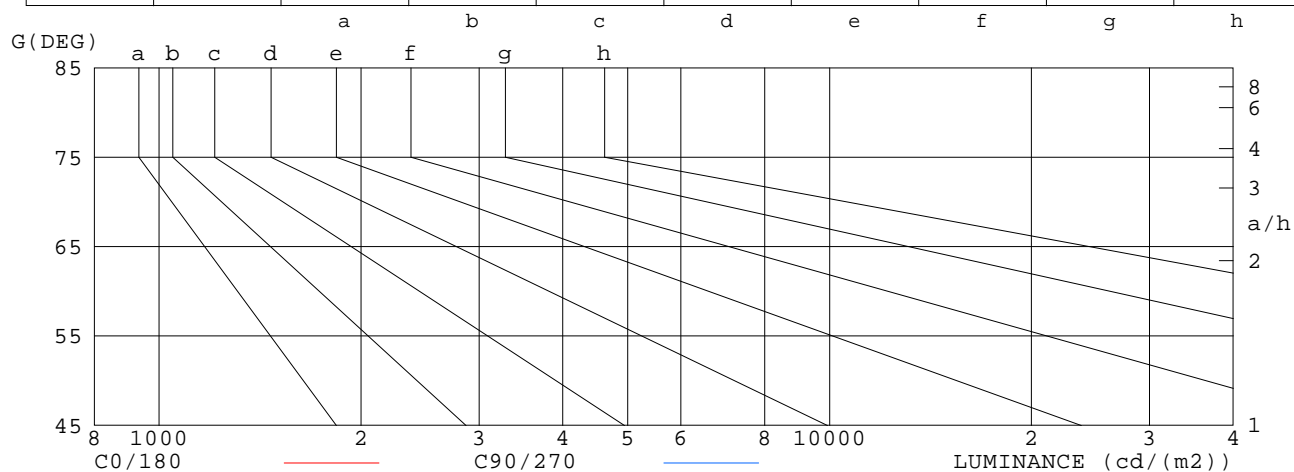
LUMINANCE LIMITATION CURVES

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	132	169
80	74	92
75	57	72
70	58	67
65	71	68
60	79	82
55	89	99
50	45	119
45	57	163

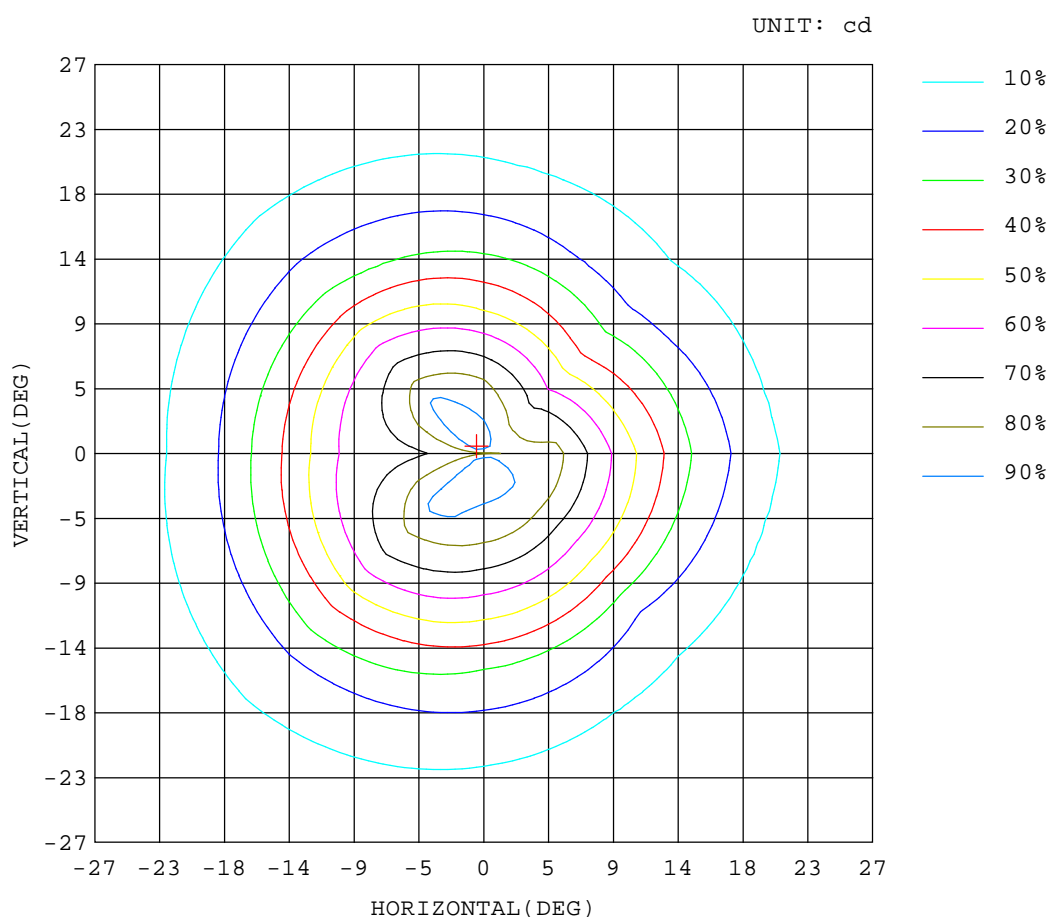
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Temperature:25.3DEG
Operators:RD
Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

ISOCANDELA DIAGRAM

Report number: EL-RP20210721-5

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Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
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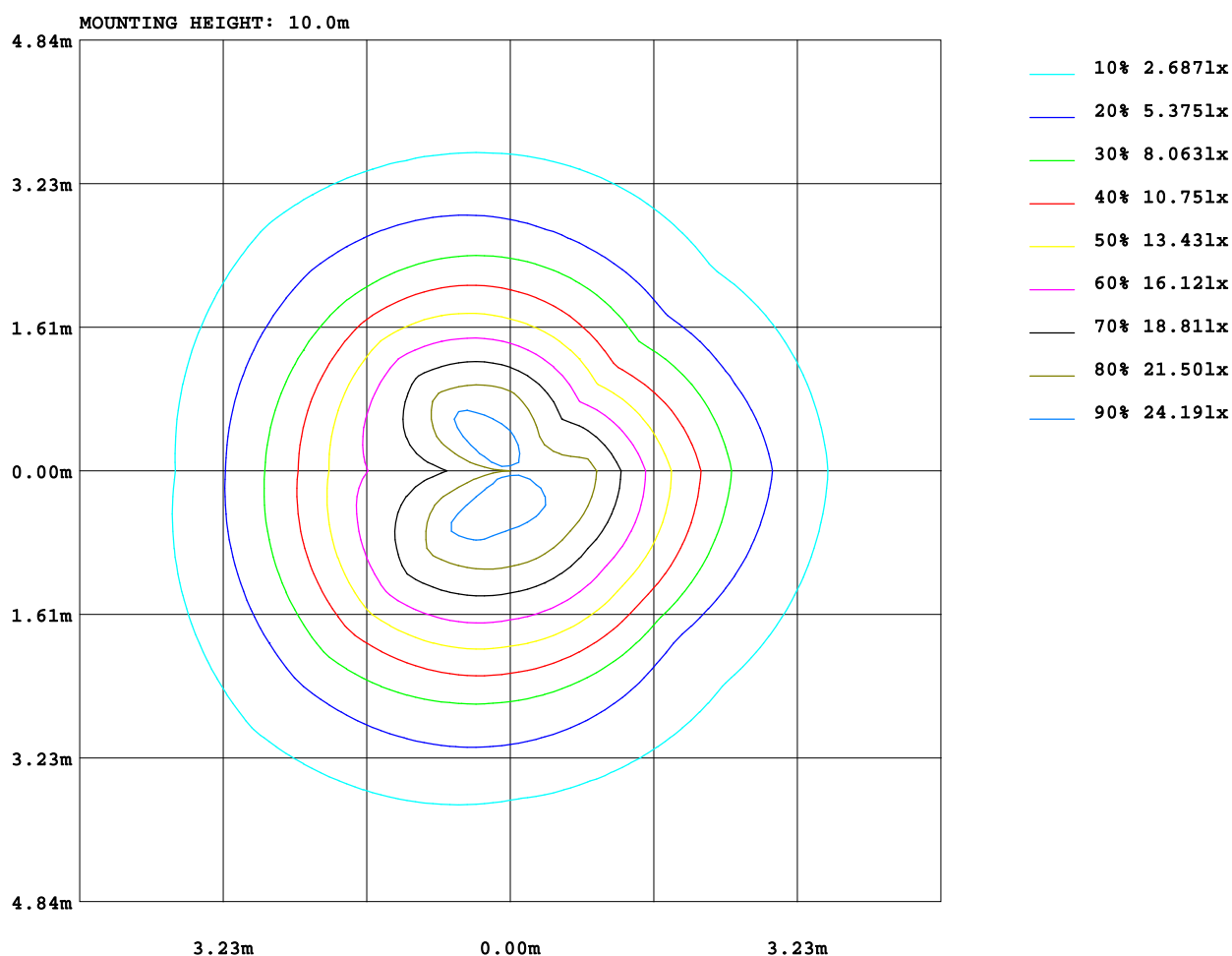
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ISOLUX DIAGRAM

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SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01



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 Operators:RD
 Test Date:07-21-2021

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 Test Distance:8.000 m
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AREA LUMINOUS FLUX

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights		
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NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01

27	AREA FLUX DIAGRAM																		UNIT:1m			Φ t	Φ a			
	0.08	0.10	0.13	0.16	0.21	0.26	0.29	0.31	0.31	0.30	0.27	0.23	0.19	0.15	0.11	0.08	0.06	0.05	3.30	0.00						
24	0.10	0.13	0.18	0.27	0.34	0.42	0.51	0.56	0.57	0.54	0.47	0.38	0.29	0.21	0.16	0.11	0.08	0.07	5.39	0.00						
21	0.13	0.18	0.29	0.40	0.57	0.72	0.83	0.92	0.94	0.88	0.75	0.60	0.46	0.33	0.22	0.16	0.11	0.08	8.56	3.99						
18	0.16	0.27	0.40	0.63	0.87	1.12	1.38	1.53	1.54	1.43	1.23	0.97	0.68	0.47	0.33	0.22	0.16	0.11	13.5	10.4						
15	0.21	0.35	0.57	0.87	1.29	1.75	2.10	2.37	2.43	2.24	1.86	1.40	1.01	0.68	0.47	0.33	0.21	0.14	20.3	17.6						
12	0.27	0.44	0.74	1.15	1.81	2.47	3.17	3.59	3.63	3.32	2.74	2.04	1.38	1.03	0.69	0.45	0.28	0.18	29.4	27.1						
9	0.31	0.53	0.87	1.52	2.31	3.31	4.32	4.90	5.00	4.54	3.64	2.70	2.08	1.45	0.98	0.58	0.36	0.22	39.6	37.7						
VERTICAL (DEG)	0.34	0.61	1.00	1.81	2.76	3.92	4.98	6.06	6.33	5.64	4.54	3.70	2.83	1.94	1.27	0.73	0.44	0.25	49.2	47.4						
	0.36	0.64	1.09	1.99	3.03	4.18	4.93	5.76	6.82	6.18	5.65	4.68	3.47	2.37	1.50	0.85	0.50	0.28	54.3	52.5						
	0.37	0.65	1.11	2.04	3.10	4.26	5.00	5.77	6.65	6.76	6.09	4.96	3.65	2.45	1.52	0.86	0.51	0.28	56.0	54.3						
	0.36	0.64	1.05	1.94	2.97	4.16	5.22	6.25	6.58	6.32	5.55	4.47	3.28	2.11	1.34	0.76	0.46	0.26	53.7	52.0						
	0.34	0.58	0.95	1.68	2.61	3.70	4.76	5.35	5.50	5.26	4.61	3.65	2.59	1.63	1.07	0.62	0.38	0.23	45.5	43.6						
	0.31	0.49	0.83	1.31	2.13	2.96	3.68	4.14	4.25	4.04	3.50	2.66	1.72	1.20	0.77	0.50	0.30	0.20	35.0	32.9						
	0.27	0.41	0.66	1.01	1.54	2.13	2.56	2.86	2.94	2.75	2.31	1.73	1.23	0.81	0.54	0.37	0.23	0.16	24.5	21.9						
	0.21	0.34	0.49	0.76	1.03	1.33	1.67	1.87	1.89	1.75	1.50	1.17	0.82	0.56	0.38	0.25	0.19	0.13	16.3	13.3						
	0.17	0.26	0.38	0.50	0.69	0.86	0.98	1.08	1.10	1.03	0.89	0.71	0.55	0.39	0.26	0.19	0.14	0.10	10.3	6.41						
	0.13	0.20	0.27	0.36	0.43	0.52	0.62	0.67	0.68	0.64	0.56	0.46	0.35	0.26	0.20	0.14	0.11	0.08	6.68	0.69						
0.10	0.14	0.19	0.23	0.29	0.34	0.37	0.39	0.39	0.37	0.33	0.28	0.23	0.18	0.14	0.11	0.08	0.06	4.23	0.00							
-27	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)										6	9	12	15	18	21	24	27
Φ t	4.22	6.95	11.2	18.6	28.0	38.4	47.4	54.4	57.6	54.0	46.5	36.8	26.8	18.2	11.9	7.31	4.61	2.87	547							
Φ a	0.00	1.14	7.63	16.0	25.7	36.4	45.5	52.7	55.9	52.0	44.4	34.4	24.1	15.0	8.46	2.35	0.00	0.00		424						

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
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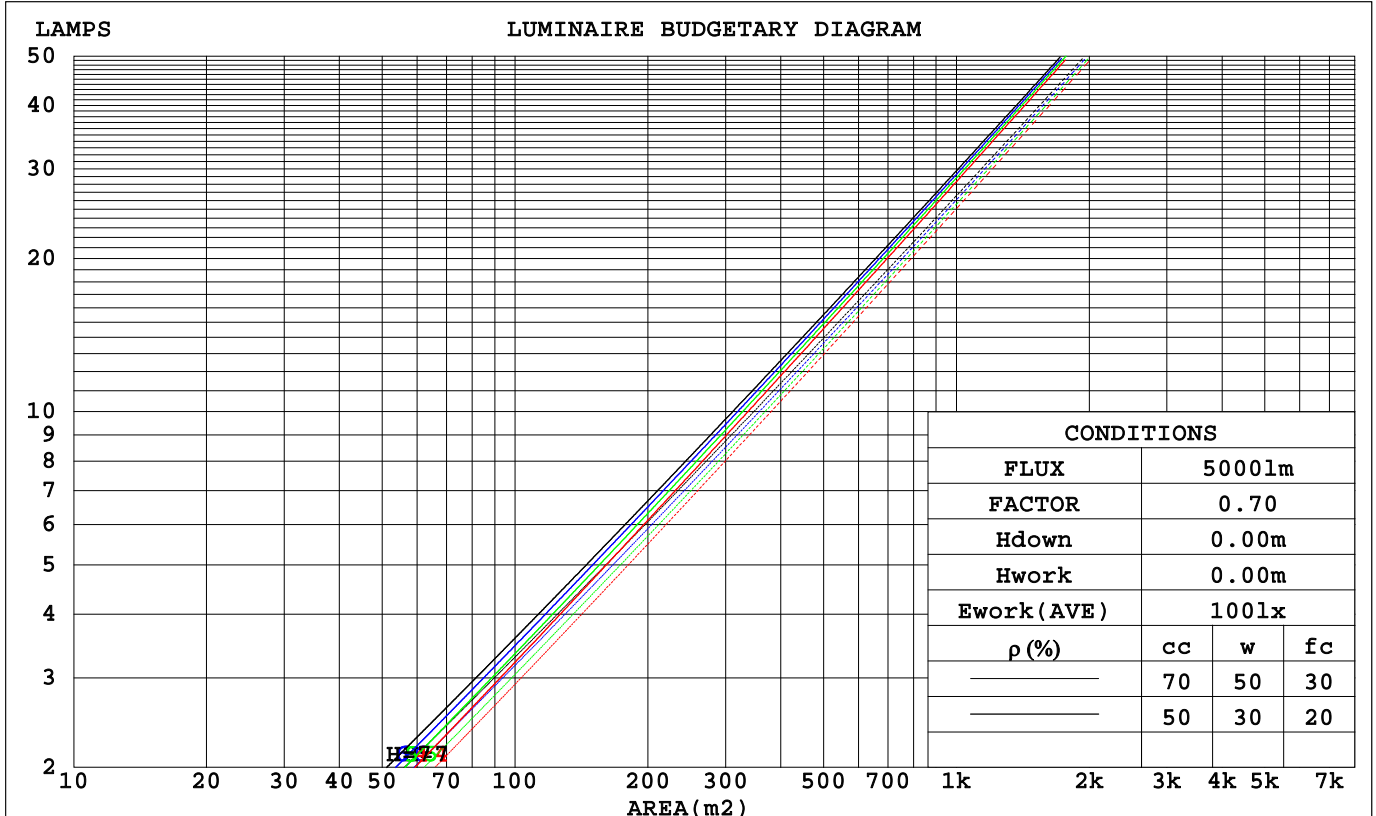
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: EL-RP20210721-5

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NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
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pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.11	1.09	1.08	1.09	1.07	1.05	1.04	1.03	1.01	.90	.99	.98	.96	.95	.94	.92
2.0	1.06	1.03	.90	1.04	1.01	.98	.90	.98	.96	.96	.95	.93	.93	.92	.91	.89
3.0	1.01	.97	.94	.99	.96	.93	.96	.93	.91	.93	.91	.89	.91	.89	.87	.86
4.0	.97	.92	.89	.95	.91	.89	.93	.90	.87	.90	.88	.86	.88	.86	.84	.83
5.0	.93	.89	.85	.92	.88	.85	.90	.86	.84	.88	.85	.83	.86	.84	.82	.80
6.0	.89	.85	.82	.89	.84	.82	.87	.83	.81	.85	.82	.80	.84	.81	.79	.78
7.0	.86	.82	.79	.86	.82	.79	.84	.81	.78	.83	.80	.77	.82	.79	.77	.76
8.0	.84	.79	.76	.83	.79	.76	.82	.78	.76	.81	.77	.75	.79	.77	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.79	.76	.73	.78	.75	.73	.77	.75	.73	.72
10.0	.79	.75	.72	.78	.74	.72	.77	.74	.71	.76	.73	.71	.76	.73	.71	.70



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WEC AND CCEC

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ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.147	.084	.026	.139	.079	.025	.124	.071	.023	.111	.064	.021	.098	.057	.018		
2.0	.136	.074	.023	.129	.071	.022	.117	.065	.020	.105	.059	.018	.095	.054	.017		
3.0	.126	.067	.020	.120	.064	.019	.110	.059	.018	.100	.055	.017	.091	.050	.016		
4.0	.118	.061	.018	.113	.059	.017	.104	.055	.016	.095	.051	.015	.087	.047	.014		
5.0	.110	.056	.016	.106	.055	.016	.098	.051	.015	.091	.048	.014	.084	.045	.013		
6.0	.104	.052	.015	.100	.051	.015	.093	.048	.014	.087	.045	.013	.081	.043	.013		
7.0	.099	.049	.014	.095	.047	.014	.089	.045	.013	.083	.043	.012	.078	.040	.012		
8.0	.094	.046	.013	.091	.045	.013	.085	.043	.012	.080	.041	.012	.075	.039	.011		
9.0	.089	.043	.012	.087	.042	.012	.082	.040	.011	.077	.039	.011	.073	.037	.011		
10.0	.085	.041	.011	.083	.040	.011	.078	.038	.011	.074	.037	.010	.070	.035	.010		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.200	.188	.178	.171	.162	.153	.117	.111	.106	.067	.064	.062	.022	.021	.020	
2.0	.183	.164	.148	.156	.141	.128	.107	.098	.089	.062	.057	.052	.020	.018	.017	
3.0	.168	.145	.126	.144	.125	.109	.099	.087	.077	.057	.051	.045	.018	.016	.015	
4.0	.156	.129	.109	.134	.112	.095	.092	.078	.067	.053	.046	.040	.017	.015	.013	
5.0	.146	.117	.097	.125	.102	.084	.086	.071	.059	.050	.042	.035	.016	.014	.012	
6.0	.137	.108	.087	.118	.093	.075	.081	.065	.053	.047	.038	.032	.015	.013	.010	
7.0	.129	.099	.079	.111	.086	.068	.077	.060	.049	.045	.036	.029	.014	.012	.010	
8.0	.123	.093	.072	.106	.080	.063	.073	.056	.045	.043	.033	.027	.014	.011	.009	
9.0	.117	.087	.067	.101	.076	.058	.070	.053	.041	.041	.031	.025	.013	.010	.008	
10.0	.112	.082	.063	.097	.072	.055	.067	.050	.039	.039	.030	.023	.013	.010	.008	

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Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

Uncorrected UGR Table

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights										
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A										
NAME: 5PCS 18W 6 IN 1					TYPE: 18W RGBWA/UV			WEIGHT:		
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON					DIMENSION:			SERIAL No.: 01		
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	-5.3	-4.6	-5.0	-4.4	-4.2	-4.3	-3.6	-4.0	-3.4	-3.2
3H	-4.6	-4.0	-4.3	-3.8	-3.5	-3.7	-3.1	-3.4	-2.8	-2.6
4H	-4.3	-3.7	-4.0	-3.5	-3.2	-3.3	-2.7	-3.0	-2.5	-2.2
6H	-3.9	-3.3	-3.5	-3.0	-2.7	-2.8	-2.2	-2.5	-1.9	-1.6
8H	-3.5	-3.0	-3.2	-2.7	-2.4	-2.4	-1.9	-2.1	-1.6	-1.3
12H	-3.1	-2.6	-2.7	-2.2	-1.9	-1.9	-1.4	-1.5	-1.0	-0.7
4H 2H	-5.1	-4.5	-4.8	-4.3	-4.0	-4.2	-3.6	-3.9	-3.4	-3.1
3H	-4.4	-3.9	-4.0	-3.5	-3.2	-3.5	-3.0	-3.2	-2.7	-2.3
4H	-3.9	-3.5	-3.5	-3.1	-2.7	-3.0	-2.6	-2.6	-2.2	-1.8
6H	-3.3	-2.9	-2.9	-2.5	-2.1	-2.3	-1.9	-1.9	-1.5	-1.1
8H	-2.9	-2.5	-2.4	-2.1	-1.6	-1.8	-1.4	-1.4	-1.0	-0.6
12H	-2.2	-1.9	-1.7	-1.4	-1.0	-1.0	-0.7	-0.6	-0.3	0.2
8H 4H	-3.9	-3.5	-3.4	-3.1	-2.6	-3.0	-2.6	-2.6	-2.2	-1.8
6H	-3.1	-2.8	-2.6	-2.3	-1.8	-2.2	-1.8	-1.7	-1.4	-0.9
8H	-2.5	-2.2	-2.0	-1.8	-1.2	-1.5	-1.2	-1.0	-0.7	-0.2
12H	-1.6	-1.3	-1.1	-0.8	-0.3	-0.5	-0.2	0.1	0.3	0.8
12H 4H	-3.9	-3.5	-3.4	-3.1	-2.6	-3.1	-2.7	-2.6	-2.3	-1.8
6H	-3.1	-2.8	-2.5	-2.3	-1.8	-2.2	-1.9	-1.6	-1.4	-0.9
8H	-2.4	-2.2	-1.9	-1.7	-1.1	-1.4	-1.2	-0.9	-0.7	-0.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 0.8					+ 0.7 / - 0.6				
1.5H	+ 2.3 / - 1.2					+ 1.5 / - 0.9				
2.0H	+ 0.7 / - 1.1					+ 1.5 / - 0.7				

CIE Pub.117 Corrected 547.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.1)

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

UTILIZATION FACTORS TABLE

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01

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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	86	81	77	85	80	77	73
0.80	94	89	85	93	88	85	92	87	84	80
1.00	98	93	89	97	92	89	95	92	88	84
1.25	102	97	94	101	96	93	98	95	92	87
1.50	105	100	97	103	99	96	101	97	95	90
2.00	107	103	100	106	102	99	102	99	97	91
2.50	109	105	102	107	104	101	103	101	99	92
3.00	111	107	104	108	105	103	104	102	100	93
4.00	113	110	108	110	108	106	106	104	103	94
5.00	114	112	110	111	110	108	107	105	104	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

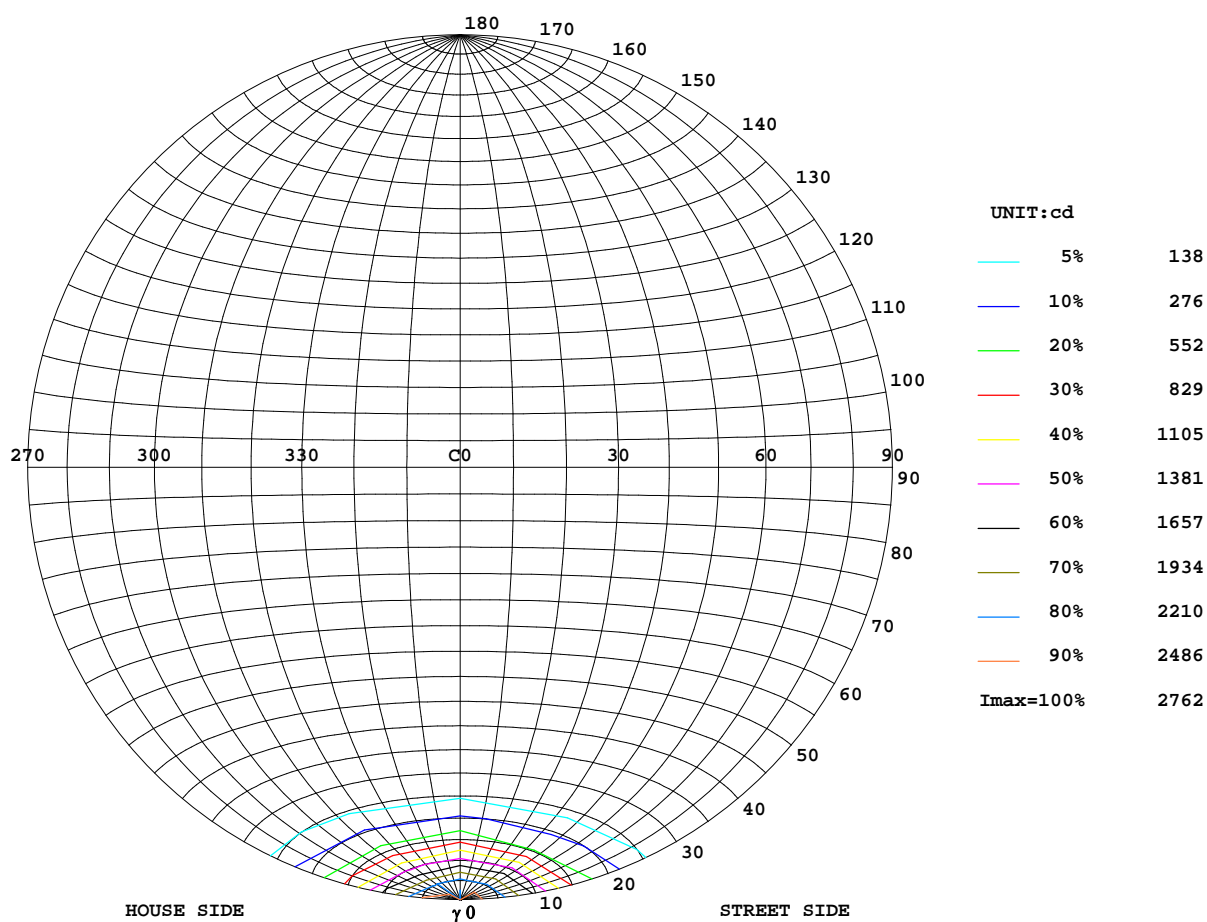
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

ISOCANDELA DIAGRAM

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-21-2021

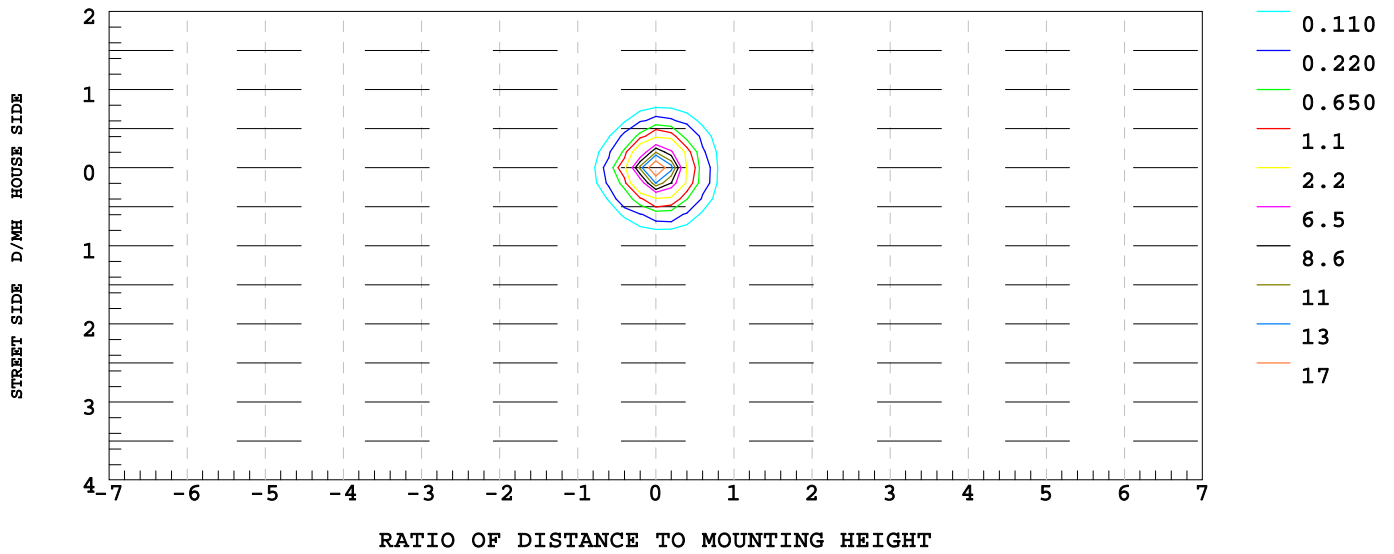
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

ISOLUX DIAGRAM

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01

ILLUMINANCE AT MH=10 m,Enadir = 21.52 lx



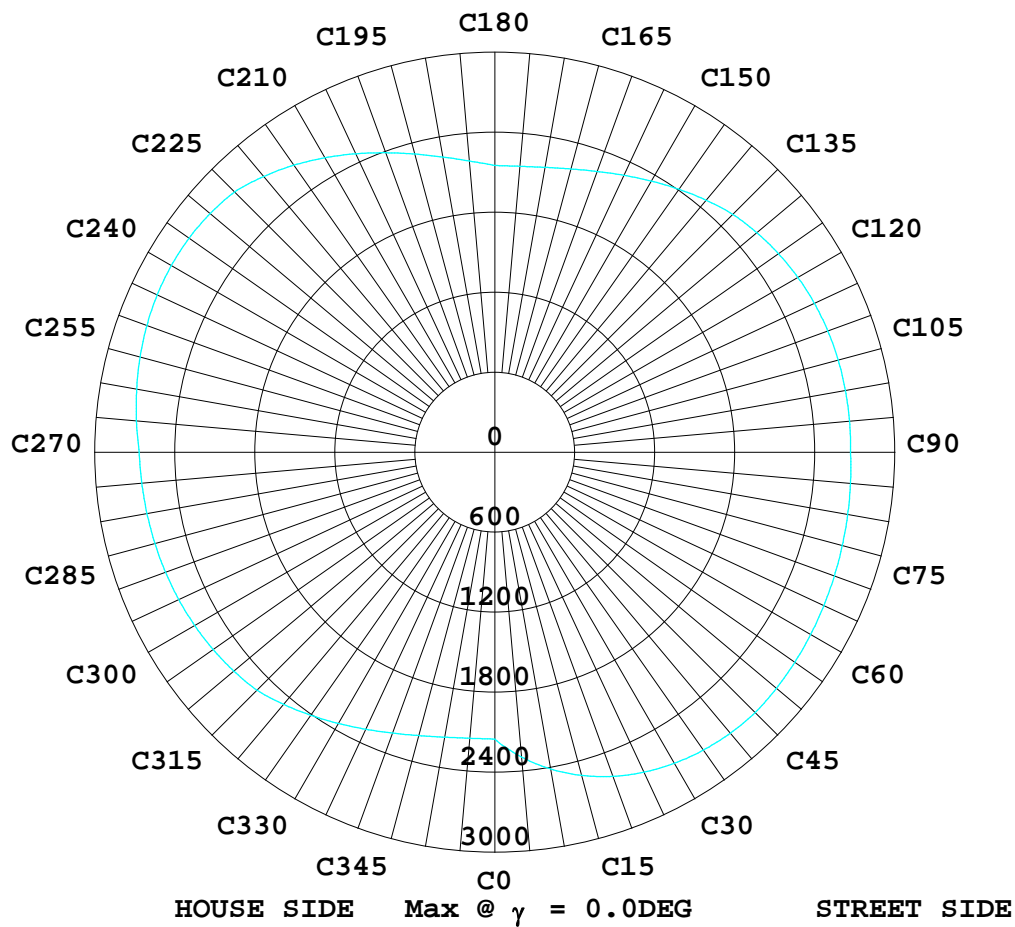
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

ISOCANDELA DIAGRAM

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 5PCS 18W 6 IN 1 ONLY WHITE Amber (

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: EL-RP20210721-5

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 5PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 5PCS 18W 6 IN 1 ONLY WHITE Amber ON	DIMENSION:	SERIAL No.: 01

UNIT: cd

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315
0.0	2152	2762	2668	2525	2152	2762	2668	2525
5.0	2269	2252	2358	2521	1837	2492	2199	1843
10.0	1449	1450	1607	1877	1639	1711	1350	1033
15.0	737	572	816	1075	953	876	660	464
20.0	292	232	338	461	354	390	292	194
25.0	118	93.6	146	197	151	158	116	79.8
30.0	52.9	49.5	58.1	94.5	62.2	59.3	49.7	36.6
35.0	27.1	25.1	31.3	39.6	32.0	33.4	24.8	20.3
40.0	16.1	14.5	18.3	21.2	18.6	19.3	14.4	12.8
45.0	4.03	8.64	11.5	12.7	11.9	12.1	8.70	8.19
50.0	2.88	5.63	7.68	7.68	7.80	8.57	5.69	5.95
55.0	5.12	4.16	5.69	5.18	5.95	7.04	4.09	4.48
60.0	3.96	3.07	4.09	1.40	1.72	5.50	2.81	3.20
65.0	3.00	2.17	2.88	2.68	1.47	4.35	2.17	2.17
70.0	1.98	1.47	2.30	1.98	1.79	3.39	1.15	1.53
75.0	1.47	1.08	1.85	1.34	1.21	2.68	0.70	1.15
80.0	1.28	0.83	1.60	0.96	0.45	2.24	0.45	0.77
85.0	1.15	0.77	1.47	0.77	0.38	1.85	0.45	0.64
90.0	1.15	0.83	1.47	0.77	0.38	1.79	0.38	0.64
95.0	1.15	0.83	1.47	0.83	0.38	1.79	0.38	0.58
100.0	1.15	0.90	1.47	0.90	0.45	1.66	0.38	0.64
105.0	1.08	0.90	1.08	0.96	0.45	1.40	0.45	0.64
110.0	1.21	1.08	1.02	0.96	0.51	1.08	0.32	0.64
115.0	1.53	1.47	0.96	1.15	0.51	0.77	0.38	0.70
120.0	2.30	2.30	1.34	1.53	0.64	0.70	0.64	0.83
125.0	4.22	4.28	3.20	2.43	0.83	0.83	0.77	1.21
130.0	7.42	7.61	5.88	4.48	1.21	1.08	1.21	1.85
135.0	11.3	11.8	9.79	8.00	1.79	1.66	1.98	2.68
140.0	14.4	15.2	14.3	12.9	2.68	2.62	0.96	3.77
145.0	15.1	16.1	17.0	17.0	3.84	3.77	1.34	3.84
150.0	13.2	10.8	16.5	18.2	4.67	4.73	5.05	4.35
155.0	10.4	8.64	13.5	16.0	5.12	5.50	5.44	4.54
160.0	8.19	6.65	10.1	12.3	5.18	5.76	5.63	5.63
165.0	6.91	5.44	8.06	9.02	5.12	5.69	5.50	5.18
170.0	6.08	4.48	6.59	6.91	4.86	5.12	4.99	4.80
175.0	5.50	3.77	5.50	5.76	4.41	4.54	4.54	4.28
180.0	5.37	3.32	5.18	4.99	1.40	4.35	4.48	4.41

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