

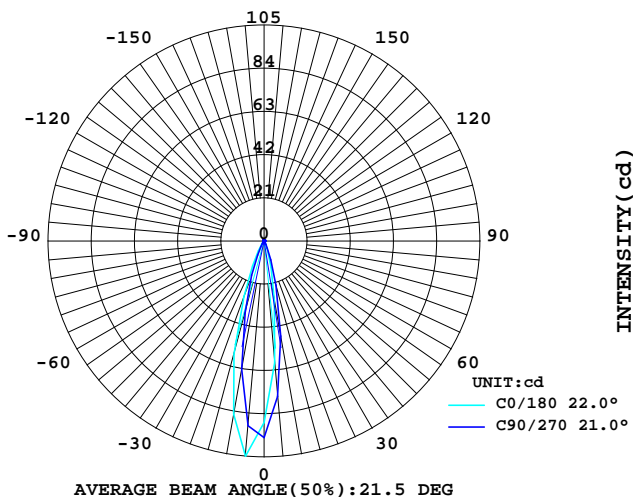
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: EL-RP20210721-3

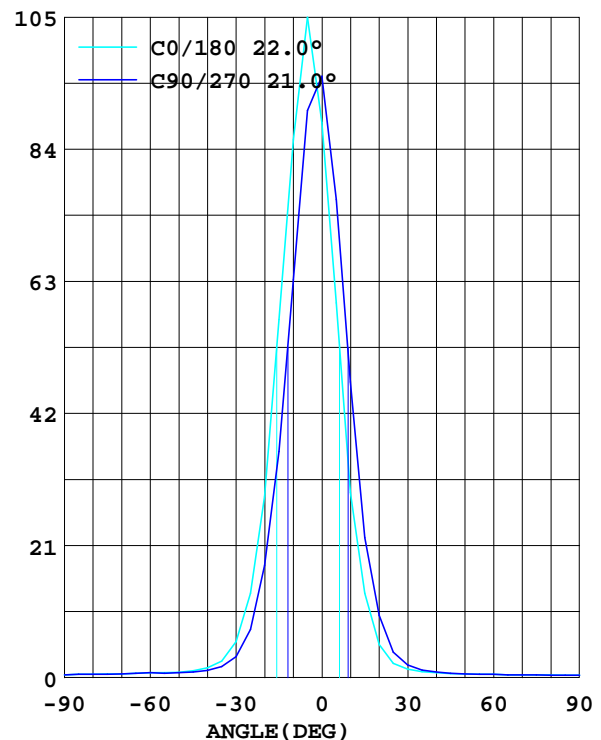
MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	104.7	S/MH(C0/180)	0.53
MODEL	18W 6 IN 1	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.43
NOMINAL POWER(W)	0	TOTAL FLUX(lm)	26.719	Voltage(V)	0
RATED VOLTAGE(V)	AC110	EFFICIENCY(lm/W)		Current(A)	0
NOMINAL FLUX(lm)	26.7	η up(%)	12.8	Power(W)	0
LAMPS QUANTITY	1	η down(%)	87.2	Power Factor(PF)	0
TEST VOLTAGE(V)	0.0	Effective Flux(lm)	17.2	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



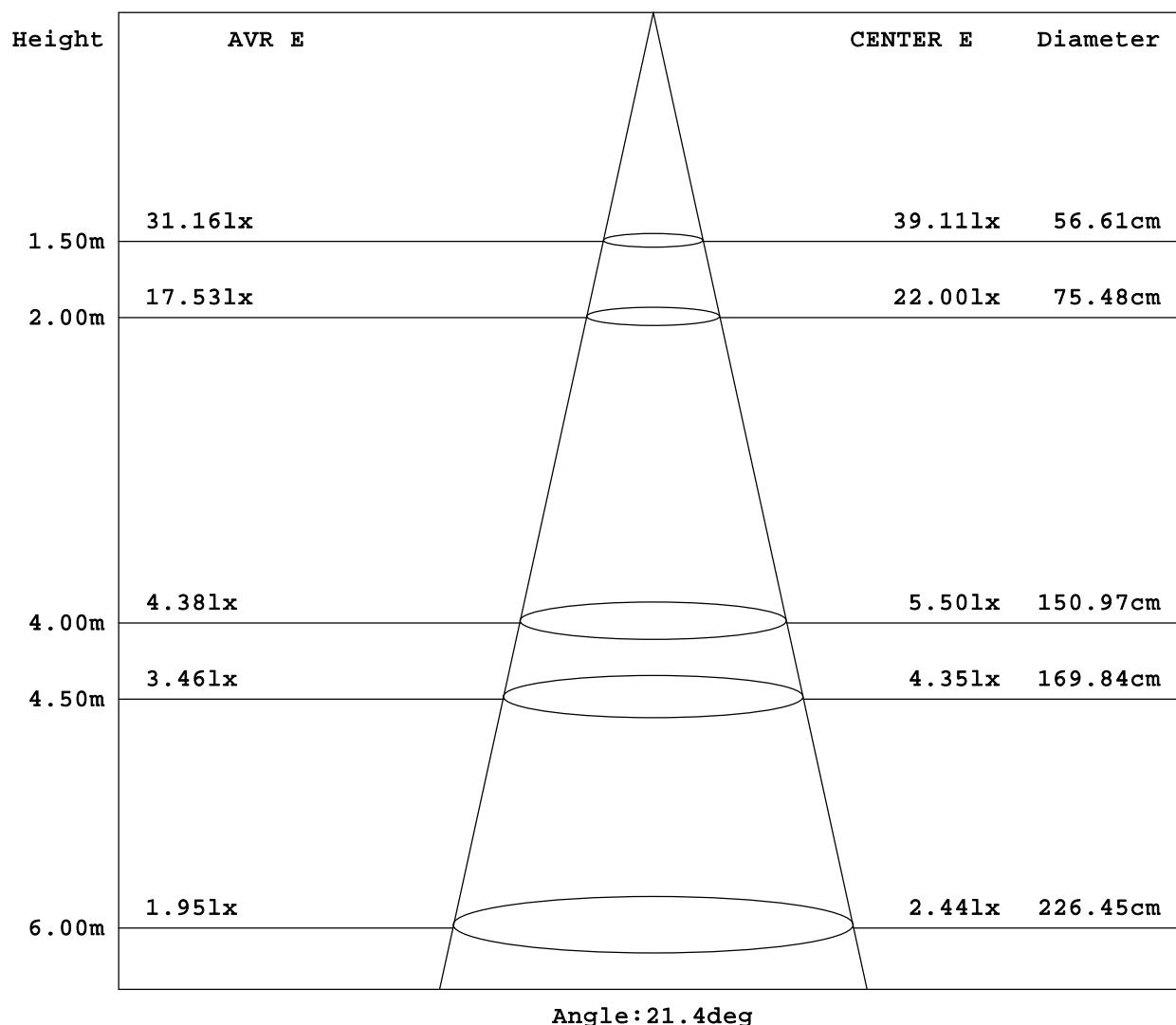
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

AVERAGE AND CENTER E Figure

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
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Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 07-21-2021

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ZONAL FLUX DIAGRAM

Report number: EL-RP20210721-3

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NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	85.31	75.13	63.10	53.43	29.37	37.11	46.84	59.00	0- 10	7.085	7.085
20.0	28.73	22.52	17.79	12.35	5.248	7.104	9.856	14.14	10- 20	8.946	16.03
30.0	5.696	3.968	3.328	2.048	1.344	1.728	1.984	2.816	20- 30	3.391	19.42
40.0	1.536	1.152	1.152	0.832	0.768	0.960	0.896	1.216	30- 40	1.091	20.51
50.0	0.832	0.640	0.768	0.640	0.576	0.704	0.576	0.768	40- 50	0.646	21.16
60.0	0.768	0.640	0.768	0.640	0.512	0.576	0.512	0.576	50- 60	0.574	21.73
70.0	0.576	0.512	0.576	0.512	0.448	0.512	0.448	0.512	60- 70	0.563	22.29
80.0	0.512	0.448	0.512	0.448	0.448	0.448	0.384	0.448	70- 80	0.514	22.81
90.0	0.448	0.448	0.448	0.448	0.384	0.448	0.384	0.448	80- 90	0.487	23.29
100.0	0.448	0.448	0.448	0.384	0.448	0.448	0.448	0.448	90-100	0.482	23.78
110.0	0.448	0.448	0.448	0.448	0.512	0.512	0.448	0.512	100-110	0.478	24.25
120.0	0.448	0.448	0.448	0.448	0.448	0.512	0.512	0.512	110-120	0.469	24.72
130.0	0.576	0.576	0.576	0.576	0.448	0.512	0.448	0.448	120-130	0.445	25.17
140.0	0.768	0.768	0.832	0.896	0.512	0.576	0.512	0.512	130-140	0.456	25.62
150.0	0.960	1.024	1.024	1.024	0.576	0.640	0.576	0.576	140-150	0.469	26.09
160.0	0.896	0.896	0.832	0.832	0.576	0.640	0.640	0.640	150-160	0.364	26.46
170.0	0.704	0.704	0.704	0.640	0.640	0.640	0.576	0.640	160-170	0.199	26.65
180.0	0.640	0.576	0.576	0.576	0.640	0.640	0.576	0.576	170-180	0.060	26.71
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

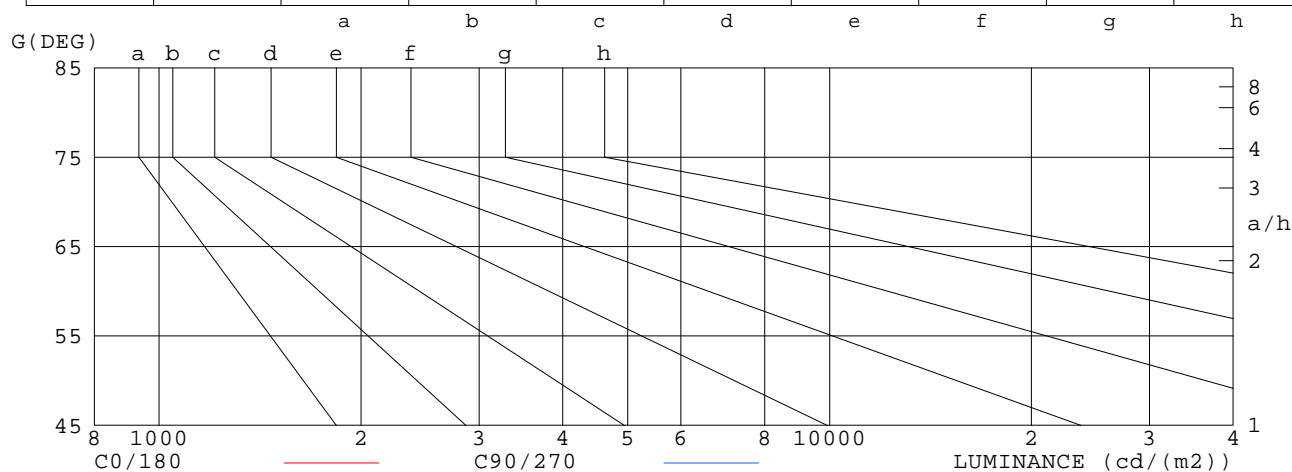
LUMINANCE LIMITATION CURVES

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	59	59
80	29	29
75	22	20
70	17	17
65	17	17
60	15	15
55	13	12
50	13	12
45	15	13

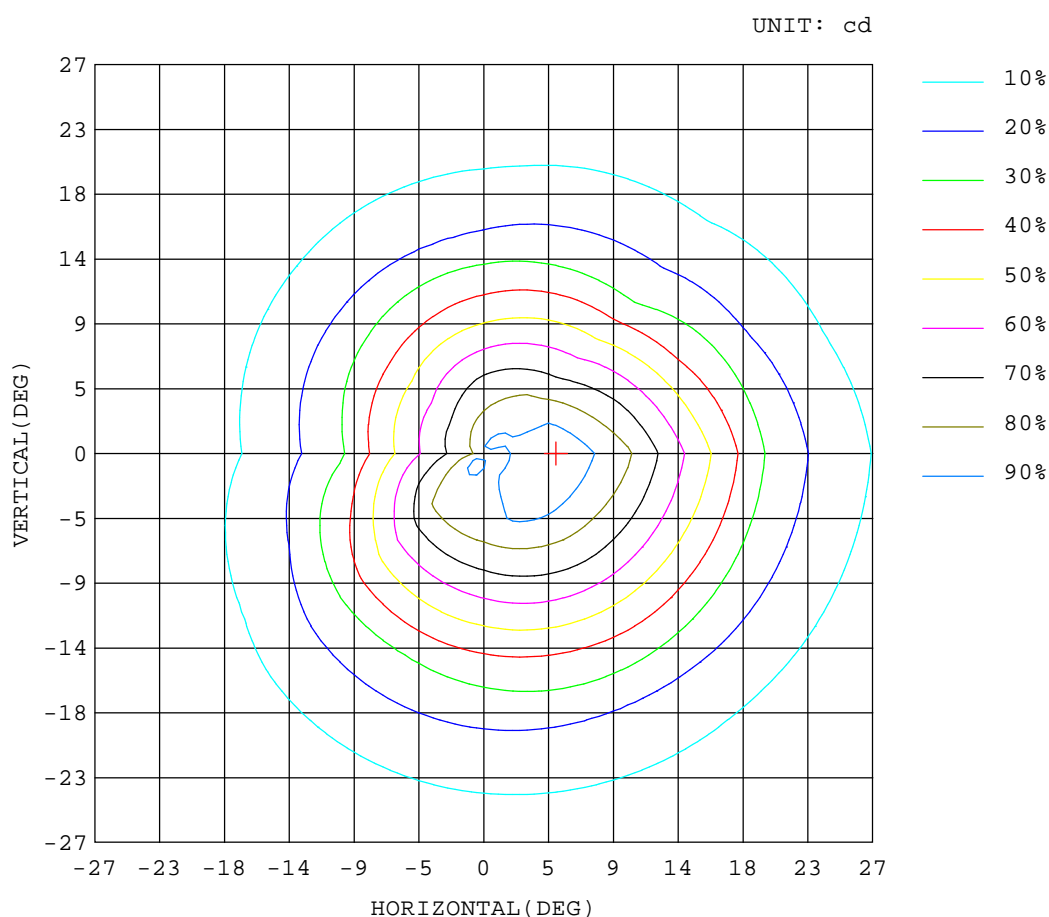
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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ISOCANDELA DIAGRAM

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01



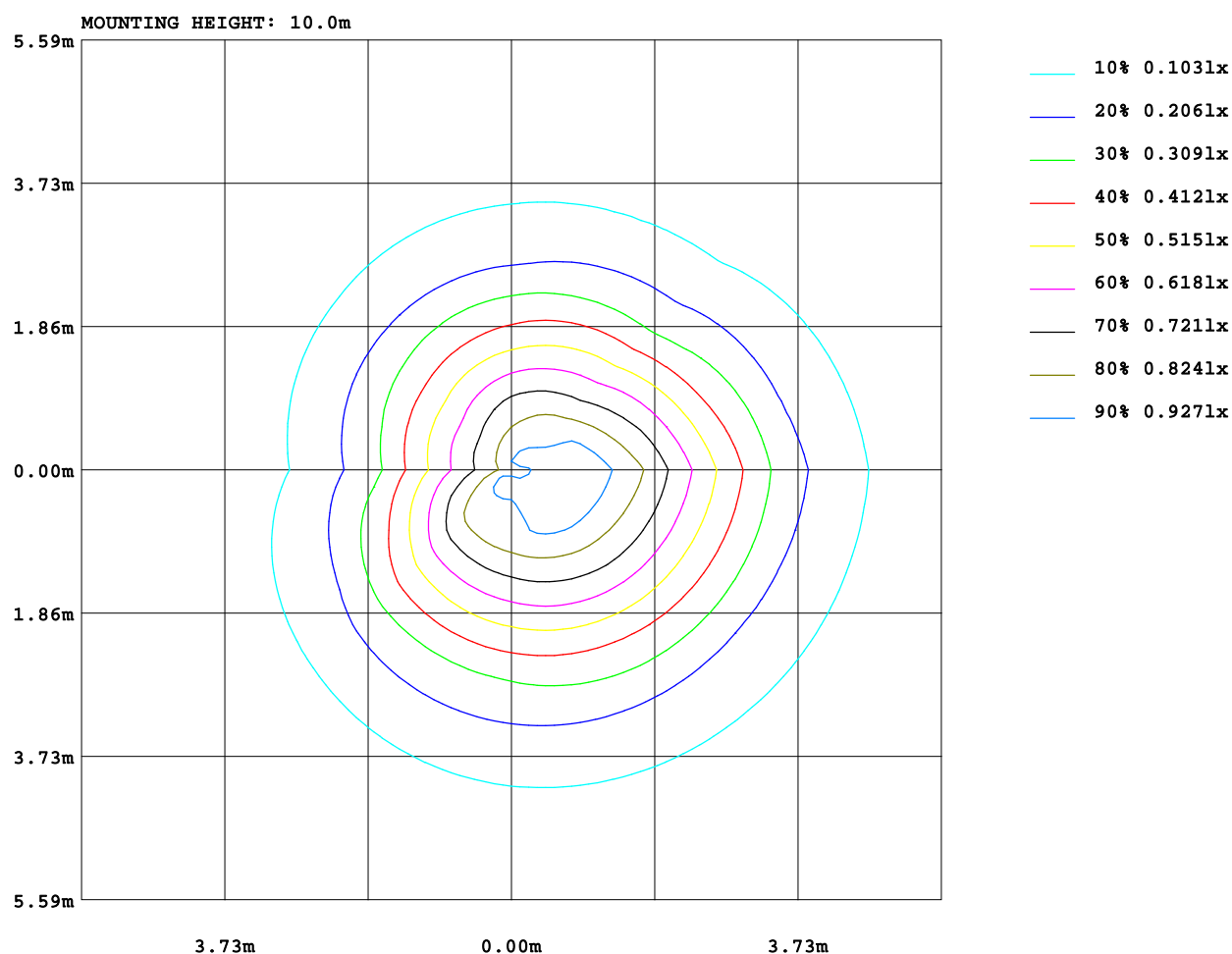
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

ISOLUX DIAGRAM

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

AREA LUMINOUS FLUX

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01

27	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.13	0.00	
24	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.20	0.00	
21	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.31	0.10	
18	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.48	0.35	
15	0.00	0.01	0.01	0.02	0.02	0.04	0.05	0.06	0.08	0.08	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.73	0.63	
12	0.01	0.01	0.01	0.02	0.03	0.05	0.07	0.10	0.12	0.13	0.12	0.11	0.09	0.07	0.05	0.04	0.03	0.02	1.06	0.99	
9	0.01	0.01	0.01	0.03	0.04	0.07	0.09	0.13	0.16	0.17	0.17	0.15	0.13	0.10	0.08	0.05	0.04	0.02	1.45	1.38	
VERTICAL (DEG)	0.01	0.01	0.02	0.03	0.05	0.08	0.11	0.15	0.20	0.22	0.22	0.20	0.17	0.13	0.10	0.07	0.04	0.03	1.81	1.77	
	0.01	0.01	0.02	0.03	0.05	0.08	0.12	0.17	0.22	0.25	0.26	0.24	0.21	0.16	0.12	0.08	0.05	0.03	2.09	2.05	
	0.01	0.01	0.02	0.03	0.05	0.09	0.13	0.19	0.25	0.26	0.27	0.25	0.21	0.17	0.12	0.08	0.05	0.03	2.23	2.19	
	0.01	0.01	0.02	0.04	0.06	0.10	0.15	0.20	0.24	0.25	0.25	0.23	0.19	0.15	0.11	0.07	0.05	0.03	2.15	2.10	
	0.01	0.01	0.02	0.03	0.06	0.09	0.13	0.17	0.20	0.21	0.21	0.19	0.16	0.13	0.09	0.06	0.04	0.03	1.86	1.81	
-9	0.01	0.01	0.02	0.03	0.05	0.07	0.11	0.14	0.16	0.17	0.17	0.15	0.13	0.10	0.07	0.05	0.03	0.02	1.49	1.42	
-12	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.12	0.12	0.11	0.10	0.07	0.05	0.04	0.03	0.02	1.10	1.02	
-15	0.00	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.09	0.08	0.06	0.05	0.04	0.03	0.02	0.01	0.78	0.68	
-18	0.00	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.06	0.05	0.05	0.04	0.03	0.03	0.02	0.01	0.01	0.52	0.40	
-21	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.34	0.16	
-24	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.21	0.00	
-27																					
-27 -24 -21 -18 -15 -12 -9 -6 HORIZONTAL (DEG) 6 9 12 15 18 21 24 27																					
Φ t	0.09	0.13	0.22	0.36	0.57	0.87	1.26	1.67	2.01	2.18	2.18	1.99	1.69	1.34	0.99	0.68	0.45	0.29	27		
Φ a	0.00	0.00	0.00	0.18	0.45	0.78	1.18	1.60	1.94	2.12	2.12	1.92	1.62	1.25	0.89	0.56	0.32	0.11		17	

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

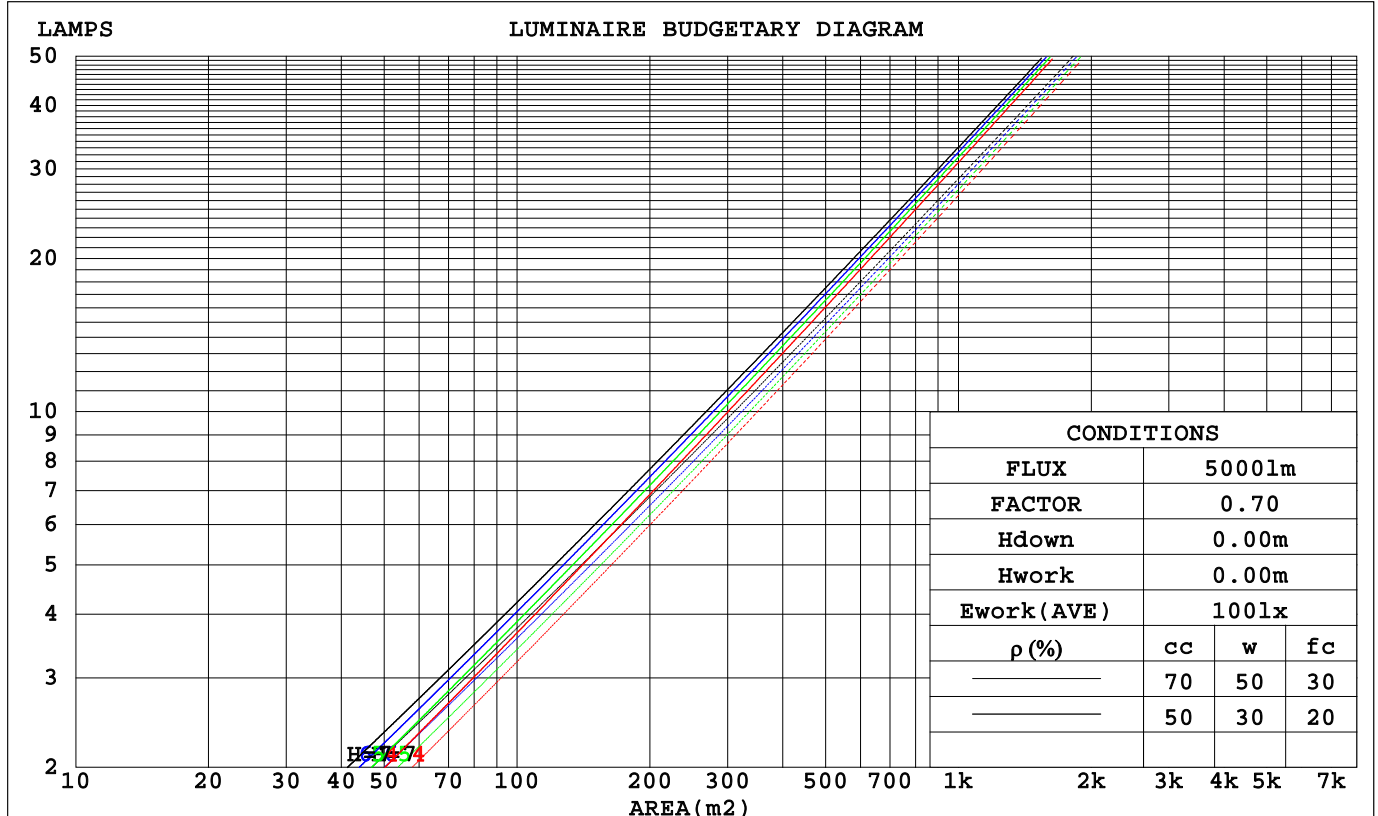
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01

ρcc	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						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	1.07	1.04	1.01	1.03	1.01	.99	.97	.95	.93	.91	.90	.88	.86	.84	.84	.81
2.0	.99	.95	.92	.97	.93	.90	.91	.88	.86	.86	.84	.82	.82	.80	.79	.76
3.0	.93	.88	.85	.91	.87	.83	.87	.83	.80	.82	.80	.77	.79	.77	.75	.73
4.0	.88	.83	.79	.86	.82	.78	.83	.79	.76	.79	.76	.73	.76	.73	.71	.69
5.0	.84	.78	.75	.82	.77	.74	.79	.75	.72	.76	.73	.70	.73	.71	.68	.67
6.0	.80	.75	.71	.79	.74	.70	.76	.72	.69	.73	.70	.67	.71	.68	.66	.64
7.0	.77	.71	.68	.75	.70	.67	.73	.69	.66	.71	.67	.65	.69	.66	.63	.62
8.0	.74	.68	.65	.72	.68	.64	.70	.66	.63	.68	.65	.62	.67	.64	.61	.60
9.0	.71	.66	.62	.70	.65	.62	.68	.64	.61	.66	.63	.60	.65	.62	.59	.58
10.0	.68	.63	.60	.68	.63	.60	.66	.62	.59	.64	.61	.58	.63	.60	.58	.56



Test System:HOP00 HPG1800
 Temperature:25.3DEG
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WEC AND CCEC

Report number: EL-RP20210721-3

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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	.197	.112	.036	.187	.106	.034	.167	.096	.031	.148	.086	.027	.132	.076	.025	
2.0	.176	.097	.030	.167	.092	.028	.150	.083	.026	.133	.075	.023	.119	.067	.021	
3.0	.160	.085	.026	.152	.082	.025	.137	.074	.023	.123	.067	.021	.110	.061	.019	
4.0	.148	.077	.023	.140	.073	.022	.127	.067	.020	.114	.061	.018	.102	.056	.017	
5.0	.137	.070	.020	.130	.067	.020	.118	.062	.018	.107	.056	.017	.096	.052	.015	
6.0	.128	.064	.018	.122	.062	.018	.111	.057	.017	.101	.052	.015	.091	.048	.014	
7.0	.120	.059	.017	.115	.057	.016	.105	.053	.015	.095	.049	.014	.087	.045	.013	
8.0	.113	.055	.016	.108	.053	.015	.099	.050	.014	.091	.046	.013	.083	.043	.012	
9.0	.107	.052	.014	.103	.050	.014	.094	.047	.013	.087	.043	.012	.079	.040	.012	
10.0	.101	.049	.013	.097	.047	.013	.090	.044	.012	.083	.041	.012	.076	.038	.011	

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	.288	.288	.288	.246	.246	.246	.168	.168	.168	.097	.097	.097	.031	.031	.031	
1.0	.271	.255	.242	.232	.219	.208	.159	.151	.144	.091	.087	.084	.029	.028	.027	
2.0	.256	.231	.211	.219	.199	.182	.150	.138	.127	.087	.080	.075	.028	.026	.024	
3.0	.243	.213	.189	.208	.184	.164	.143	.128	.115	.083	.075	.068	.027	.024	.022	
4.0	.232	.199	.173	.199	.172	.151	.137	.120	.106	.079	.070	.063	.025	.023	.021	
5.0	.222	.187	.161	.191	.162	.140	.131	.113	.099	.076	.066	.059	.025	.022	.019	
6.0	.214	.178	.152	.184	.154	.132	.127	.108	.094	.074	.063	.056	.024	.021	.018	
7.0	.206	.170	.145	.178	.148	.126	.123	.103	.089	.071	.061	.053	.023	.020	.018	
8.0	.200	.164	.139	.172	.142	.121	.119	.100	.086	.069	.059	.051	.022	.019	.017	
9.0	.194	.159	.134	.167	.138	.117	.116	.097	.083	.068	.057	.050	.022	.019	.016	
10.0	.189	.154	.131	.163	.134	.114	.113	.094	.081	.066	.056	.048	.021	.018	.016	

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

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

Uncorrected UGR Table

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights										
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A										
NAME: 9PCS 18W 6 IN 1					TYPE: 18W RGBWA/UV			WEIGHT:		
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV 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	-8.1	-7.3	-7.7	-7.0	-6.6	-8.4	-7.7	-8.0	-7.3	-7.0
3H	-5.9	-5.2	-5.5	-4.8	-4.4	-6.2	-5.5	-5.8	-5.1	-4.7
4H	-4.5	-3.8	-4.1	-3.4	-3.0	-4.9	-4.2	-4.5	-3.8	-3.4
6H	-3.0	-2.4	-2.5	-1.9	-1.4	-3.2	-2.6	-2.8	-2.2	-1.7
8H	-1.9	-1.3	-1.4	-0.9	-0.4	-2.1	-1.5	-1.6	-1.0	-0.5
12H	-0.8	-0.3	-0.3	0.2	0.7	-1.0	-0.4	-0.4	0.1	0.6
4H 2H	-7.5	-6.8	-7.0	-6.4	-6.0	-7.8	-7.1	-7.3	-6.7	-6.2
3H	-5.0	-4.4	-4.5	-3.9	-3.4	-5.2	-4.6	-4.7	-4.2	-3.7
4H	-3.5	-2.9	-2.9	-2.4	-1.9	-3.8	-3.2	-3.2	-2.7	-2.2
6H	-1.7	-1.2	-1.1	-0.7	-0.1	-1.9	-1.4	-1.3	-0.9	-0.3
8H	-0.5	-0.1	0.0	0.5	1.1	-0.7	-0.2	-0.1	0.3	1.0
12H	0.7	1.1	1.3	1.7	2.3	0.6	1.0	1.2	1.6	2.3
8H 4H	-3.0	-2.5	-2.4	-2.0	-1.3	-3.2	-2.8	-2.6	-2.2	-1.6
6H	-0.9	-0.5	-0.3	0.0	0.7	-1.1	-0.7	-0.4	-0.1	0.6
8H	0.4	0.8	1.1	1.4	2.1	0.3	0.7	1.0	1.3	2.0
12H	1.9	2.2	2.5	2.8	3.5	1.9	2.1	2.5	2.8	3.5
12H 4H	-2.8	-2.4	-2.2	-1.8	-1.2	-3.1	-2.7	-2.5	-2.1	-1.4
6H	-0.7	-0.3	-0.0	0.3	1.0	-0.8	-0.5	-0.2	0.1	0.8
8H	0.8	1.1	1.4	1.7	2.4	0.7	1.0	1.4	1.6	2.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.4 / - 0.3					+ 0.3 / - 0.2				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 26.71 lm Total Lamp Luminous Flux.(8log(F/F0) = -12.6)

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

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

UTILIZATION FACTORS TABLE

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV 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	77	70	66	76	69	65	75	69	65	61
0.80	85	77	73	83	77	73	81	76	72	67
1.00	89	82	78	88	81	77	85	80	76	70
1.25	94	87	82	92	86	82	89	84	80	74
1.50	97	91	86	95	89	85	91	86	83	76
2.00	101	95	90	98	93	89	94	89	86	78
2.50	103	98	93	100	95	92	95	91	89	79
3.00	105	100	96	102	98	94	97	93	91	80
4.00	108	104	100	104	101	98	99	96	94	82
5.00	109	106	103	106	103	101	100	98	96	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

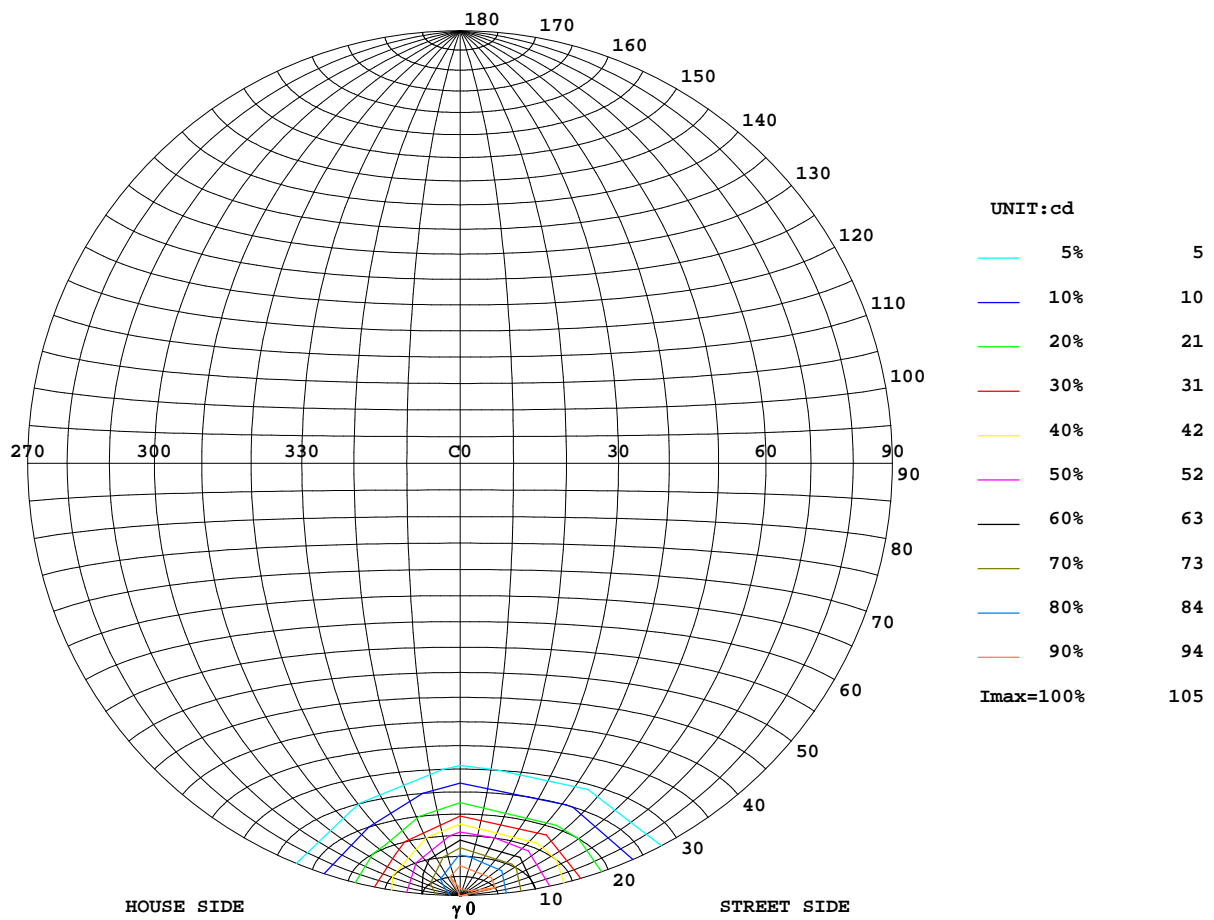
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
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ISOCANDELA DIAGRAM

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01



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

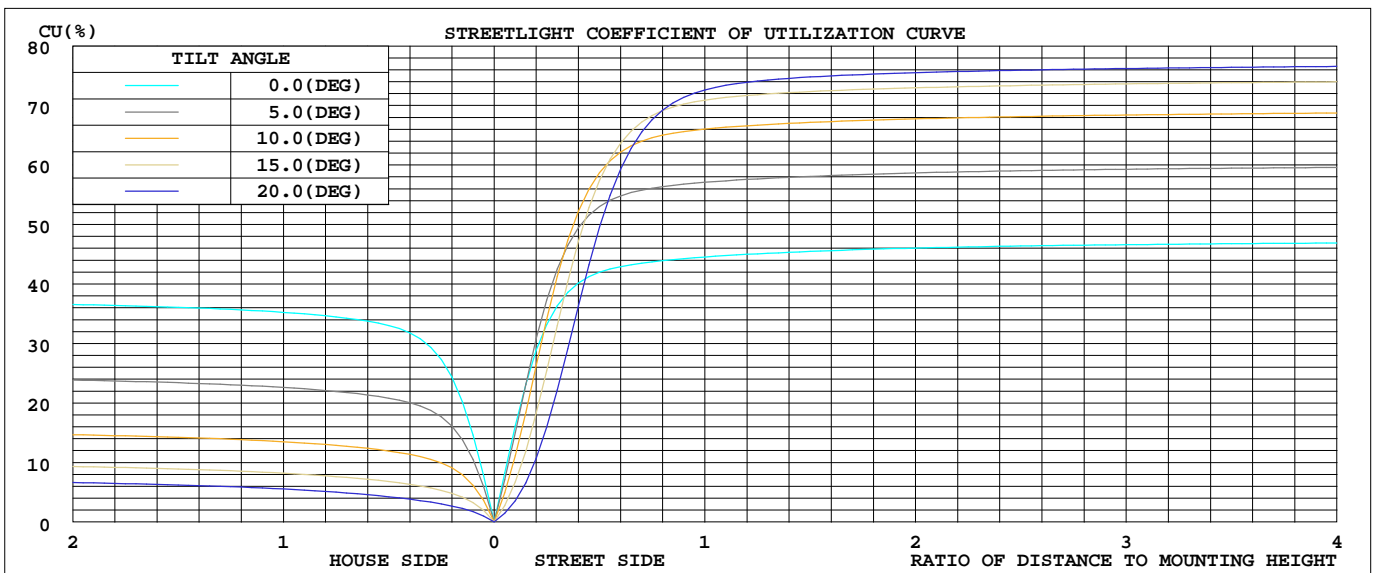
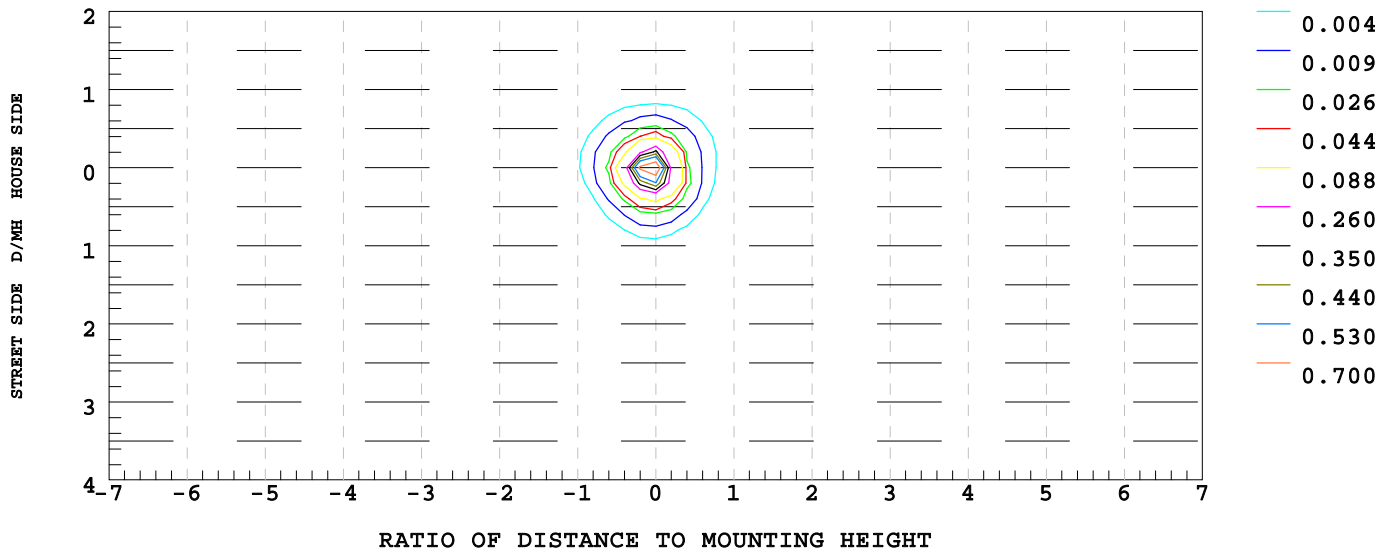
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

ISOLUX DIAGRAM

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01

ILLUMINANCE AT MH=10 m, Enadir = 0.88 lx



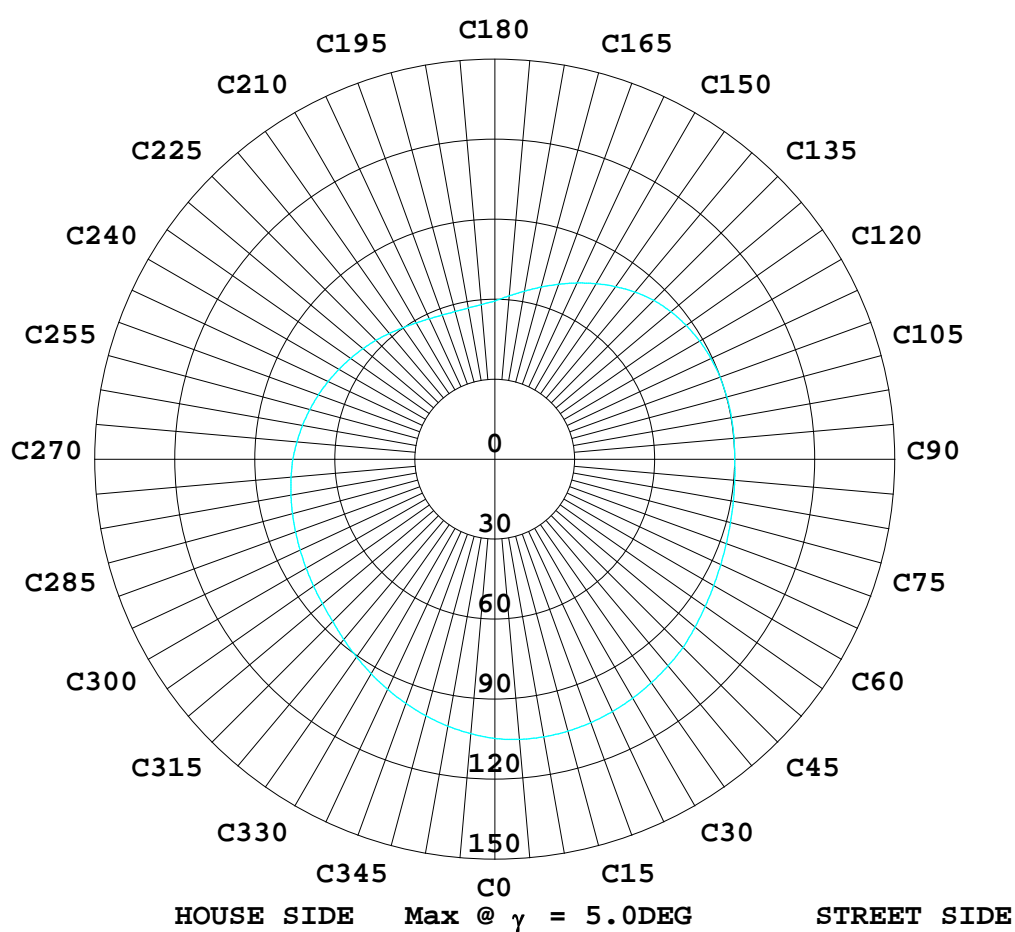
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

ISOCANDELA DIAGRAM

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9PCS 18W 6 IN 1 ONLY UV ON

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: EL-RP20210721-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: 9PCS 18W 6 IN 1	TYPE: 18W RGBWA/UV	WEIGHT:
SPECIFICATION: 9PCS 18W 6 IN 1 ONLY UV ON	DIMENSION:	SERIAL No.: 01

UNIT: cd

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315
0.0	88.0	91.1	95.3	100	88.0	91.1	95.3	100
5.0	105	99.8	89.9	84.3	59.3	63.1	75.7	86.0
10.0	85.3	75.1	63.1	53.4	29.3	37.1	46.8	59.0
15.0	56.7	46.8	35.8	26.4	13.3	17.0	22.2	29.8
20.0	28.7	22.5	17.7	12.3	5.24	7.10	9.85	14.1
25.0	13.3	10.2	7.61	4.92	2.24	2.94	4.03	5.95
30.0	5.69	3.96	3.32	2.04	1.34	1.72	1.98	2.81
35.0	2.62	1.85	1.72	1.21	0.96	1.21	1.21	1.72
40.0	1.53	1.15	1.15	0.83	0.77	0.96	0.90	1.21
45.0	1.08	0.77	0.90	0.64	0.64	0.77	0.70	0.90
50.0	0.83	0.64	0.77	0.64	0.58	0.70	0.58	0.77
55.0	0.77	0.58	0.70	0.64	0.51	0.64	0.51	0.64
60.0	0.77	0.64	0.77	0.64	0.51	0.58	0.51	0.58
65.0	0.70	0.58	0.70	0.58	0.45	0.51	0.45	0.58
70.0	0.58	0.51	0.58	0.51	0.45	0.51	0.45	0.51
75.0	0.58	0.51	0.51	0.45	0.45	0.45	0.45	0.51
80.0	0.51	0.45	0.51	0.45	0.45	0.45	0.38	0.45
85.0	0.51	0.45	0.51	0.45	0.38	0.45	0.38	0.45
90.0	0.45	0.45	0.45	0.45	0.38	0.45	0.38	0.45
95.0	0.51	0.45	0.45	0.45	0.45	0.45	0.38	0.45
100.0	0.45	0.45	0.45	0.38	0.45	0.45	0.45	0.45
105.0	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
110.0	0.45	0.45	0.45	0.45	0.51	0.51	0.45	0.51
115.0	0.45	0.45	0.45	0.45	0.45	0.51	0.51	0.51
120.0	0.45	0.45	0.45	0.45	0.45	0.51	0.51	0.51
125.0	0.51	0.51	0.51	0.51	0.45	0.51	0.45	0.51
130.0	0.58	0.58	0.58	0.58	0.45	0.51	0.45	0.45
135.0	0.64	0.64	0.70	0.70	0.45	0.51	0.51	0.51
140.0	0.77	0.77	0.83	0.90	0.51	0.58	0.51	0.51
145.0	0.90	0.96	0.96	0.96	0.58	0.58	0.58	0.58
150.0	0.96	1.02	1.02	1.02	0.58	0.64	0.58	0.58
155.0	0.96	1.02	0.96	0.96	0.58	0.64	0.64	0.64
160.0	0.90	0.90	0.83	0.83	0.58	0.64	0.64	0.64
165.0	0.77	0.77	0.77	0.77	0.58	0.64	0.64	0.64
170.0	0.70	0.70	0.70	0.64	0.64	0.64	0.58	0.64
175.0	0.64	0.64	0.64	0.58	0.64	0.58	0.58	0.58
180.0	0.64	0.58	0.58	0.58	0.64	0.64	0.58	0.58

Test System:HOP00 HPG1800
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 Remarks: 9PCS 18W 6 IN 1 ONLY UV ON