

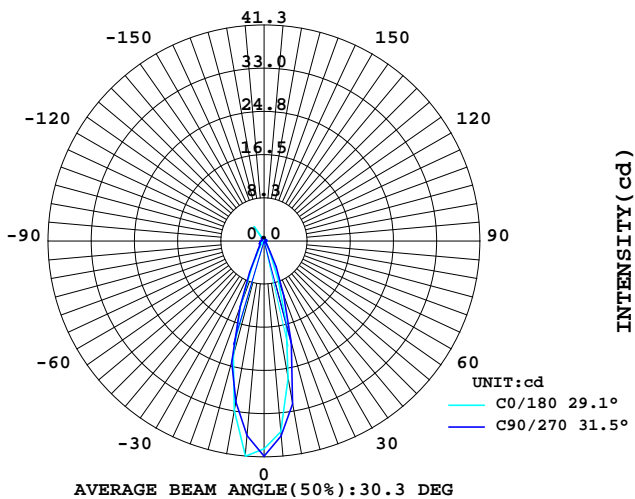
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: EL-RP20210722-3

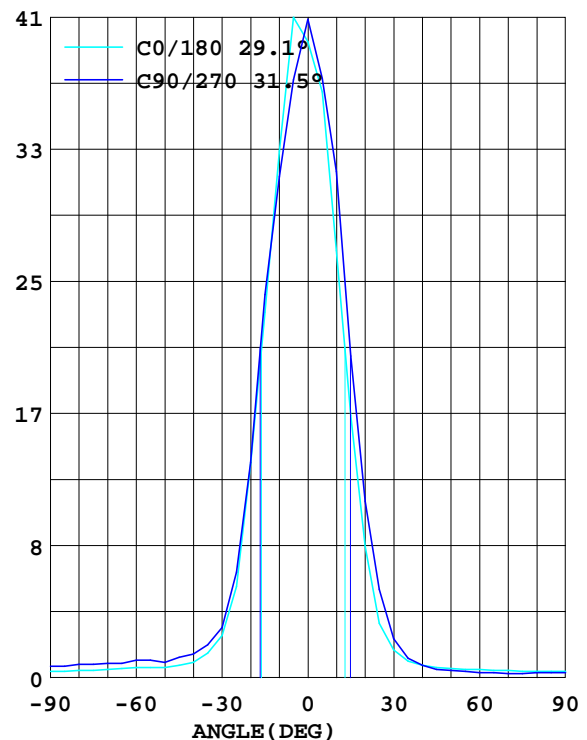
MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	47.74	S/MH(C0/180)	0.53
MODEL	RGBWY/UV	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.53
NOMINAL POWER(W)	0	TOTAL FLUX(lm)	19.537	Voltage(V)	0
RATED VOLTAGE(V)	0	EFFICIENCY(lm/W)		Current(A)	0
NOMINAL FLUX(lm)	19.5	η up(%)	15.9	Power(W)	0
LAMPS QUANTITY	1	η down(%)	84.1	Power Factor(PF)	0
TEST VOLTAGE(V)	0.0	Effective Flux(lm)	11.7	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



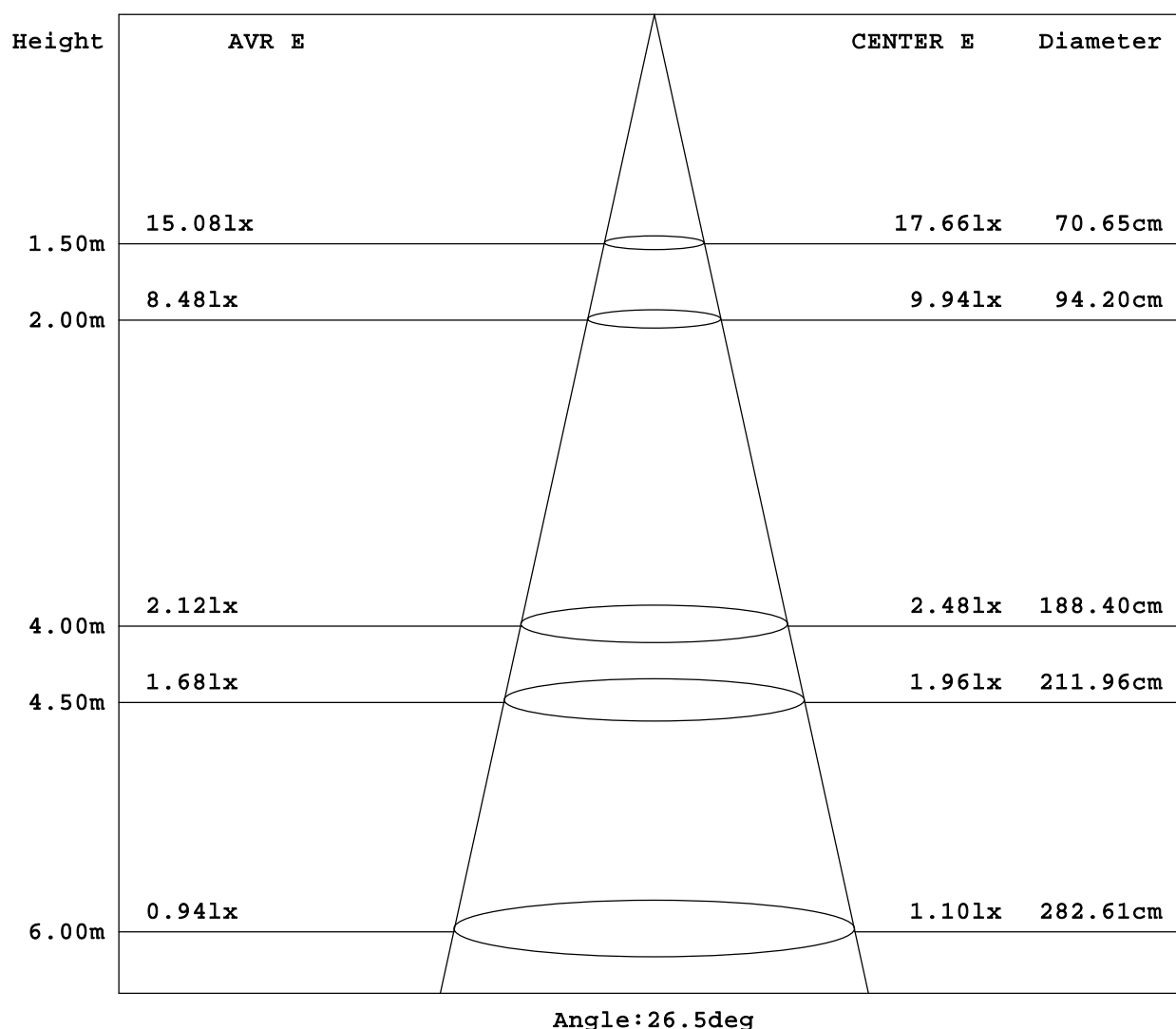
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9X10W Only UV ON

AVERAGE AND CENTER E Figure

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

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Humidity:65.0%
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Remarks: 9X10W Only UV ON

ZONAL FLUX DIAGRAM

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	32.89	33.59	31.29	39.10	26.68	29.56	31.61	31.16	0- 10	3.614	3.614
20.0	13.31	11.90	13.44	15.74	8.192	8.576	11.00	11.39	10- 20	5.914	9.528
30.0	2.624	2.816	3.136	4.096	1.728	1.728	2.432	2.368	20- 30	2.805	12.33
40.0	0.960	1.600	1.472	1.600	0.768	0.704	0.768	0.832	30- 40	1.064	13.39
50.0	0.640	1.408	0.960	1.216	0.576	0.512	0.448	0.576	40- 50	0.712	14.11
60.0	0.640	1.536	1.088	0.896	0.512	0.384	0.320	0.448	50- 60	0.689	14.79
70.0	0.512	1.088	0.896	0.512	0.448	0.320	0.256	0.320	60- 70	0.620	15.41
80.0	0.448	0.640	0.832	0.448	0.384	0.320	0.320	0.320	70- 80	0.520	15.93
90.0	0.384	0.704	0.704	0.448	0.384	0.320	0.320	0.320	80- 90	0.493	16.43
100.0	0.448	0.512	0.448	0.448	0.384	0.320	0.320	0.320	90-100	0.480	16.91
110.0	0.384	0.448	0.512	0.448	0.448	0.320	0.384	0.320	100-110	0.421	17.33
120.0	0.448	0.448	0.512	0.512	0.448	0.384	0.384	0.384	110-120	0.429	17.76
130.0	0.512	0.512	0.640	0.576	0.448	0.320	0.384	0.384	120-130	0.402	18.16
140.0	0.448	0.704	0.768	0.704	0.448	0.384	0.384	0.448	130-140	0.387	18.55
150.0	0.768	0.768	0.832	0.832	0.512	0.512	0.448	0.448	140-150	0.473	19.02
160.0	0.768	0.704	0.768	0.768	0.512	0.512	0.448	0.448	150-160	0.296	19.31
170.0	0.640	0.640	0.640	0.640	0.512	0.448	0.448	0.512	160-170	0.167	19.48
180.0	0.576	0.576	0.640	0.576	0.576	0.448	0.448	0.448	170-180	0.052	19.53
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9X10W Only UV ON

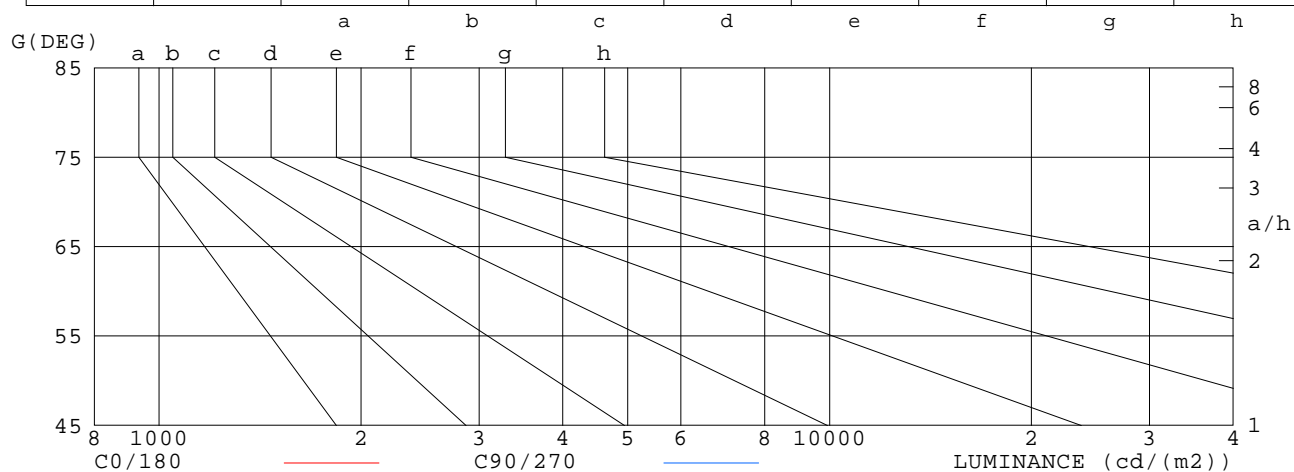
LUMINANCE LIMITATION CURVES

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W 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	44	81
80	26	48
75	17	32
70	15	26
65	14	21
60	13	22
55	11	19
50	10	15
45	11	18

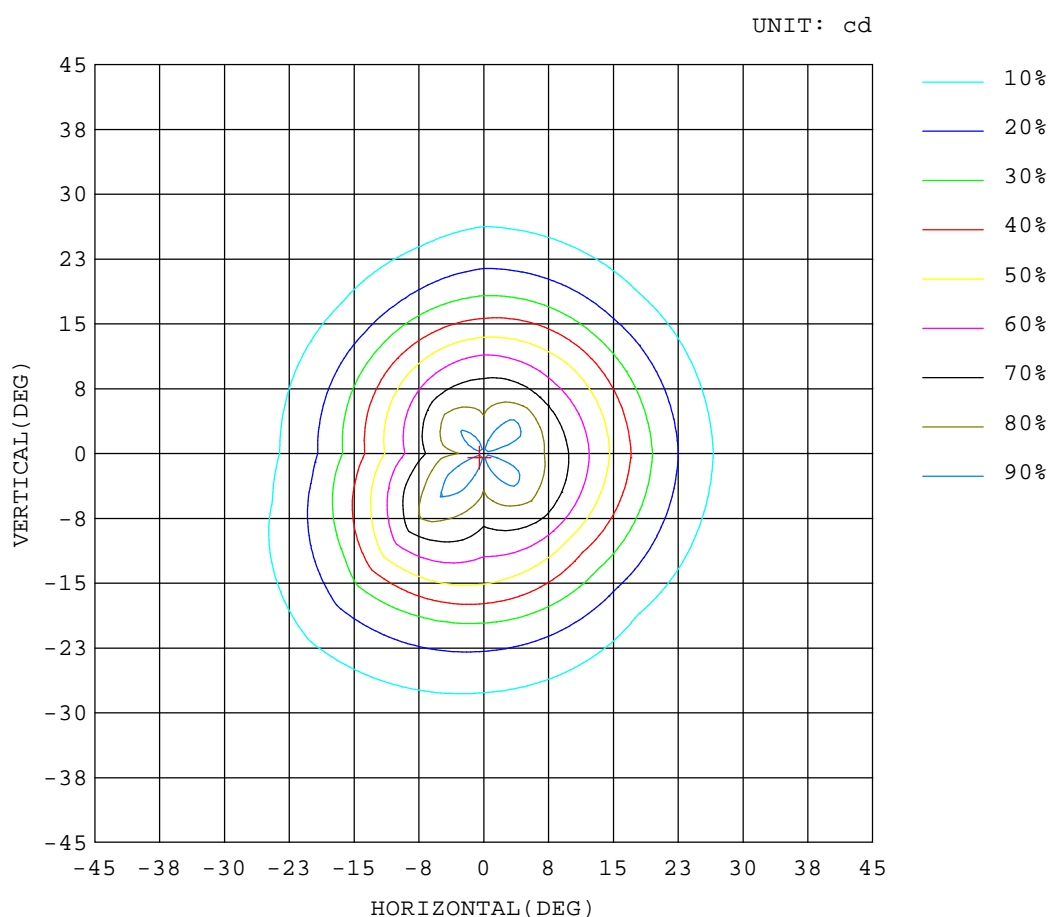
Test System:HOP00 HPG1800
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Operators:RD
Test Date:07-22-2021

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Humidity:65.0%
Test Distance:8.000 m
Remarks: 9X10W Only UV ON

ISOCANDELA DIAGRAM

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01



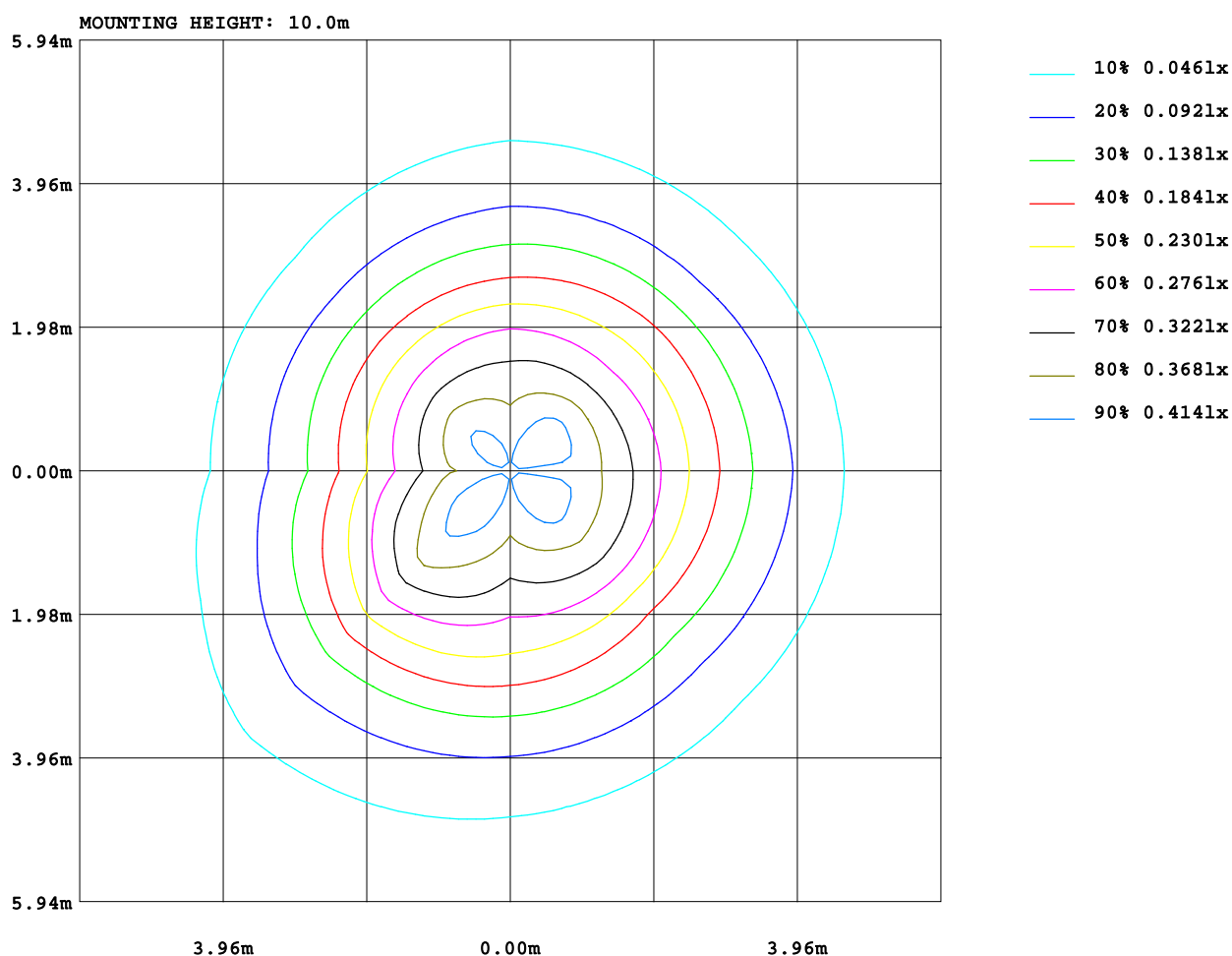
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9X10W Only UV ON

ISOLUX DIAGRAM

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9X10W Only UV ON

AREA LUMINOUS FLUX

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00		
45	0.00	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	0.00	0.00	0.00	0.00	0.09	0.00		
40	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	0.00	0.00	0.00	0.13	0.00		
35	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.22	0.01		
30	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.05	0.06	0.06	0.05	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.40	0.24		
25	0.00	0.00	0.01	0.01	0.02	0.03	0.06	0.09	0.11	0.12	0.10	0.07	0.04	0.02	0.01	0.01	0.01	0.00	0.71	0.59		
20	0.00	0.00	0.01	0.01	0.02	0.05	0.10	0.15	0.19	0.19	0.17	0.12	0.07	0.04	0.02	0.01	0.01	0.00	1.17	1.07		
15	0.00	0.01	0.01	0.02	0.03	0.07	0.14	0.21	0.26	0.26	0.23	0.17	0.10	0.05	0.02	0.01	0.01	0.00	1.61	1.52		
	0.00	0.01	0.01	0.02	0.04	0.09	0.16	0.24	0.31	0.32	0.27	0.20	0.13	0.06	0.03	0.01	0.01	0.00	1.91	1.82		
	0.00	0.01	0.01	0.02	0.05	0.10	0.18	0.26	0.32	0.32	0.28	0.20	0.13	0.06	0.03	0.01	0.01	0.01	1.99	1.89		
	0.00	0.01	0.01	0.02	0.05	0.10	0.18	0.27	0.28	0.27	0.24	0.17	0.11	0.05	0.02	0.01	0.01	0.01	1.81	1.72		
-15	0.00	0.01	0.01	0.02	0.04	0.09	0.15	0.20	0.22	0.21	0.17	0.12	0.07	0.04	0.02	0.01	0.01	0.01	1.40	1.30		
-20	0.01	0.01	0.01	0.02	0.04	0.07	0.10	0.13	0.14	0.14	0.11	0.08	0.04	0.03	0.02	0.01	0.01	0.01	0.94	0.82		
-25	0.01	0.01	0.01	0.01	0.02	0.04	0.06	0.07	0.08	0.07	0.06	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.56	0.40		
-30	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.33	0.08		
-35	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.23	0.00		
-40	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	0.01	0.01	0.01	0.01	0.01	0.18	0.00		
-45	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	0.01	0.01	0.01	0.01	0.01	0.16	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
Φ t	0.08	0.10	0.13	0.21	0.39	0.74	1.25	1.79	2.09	2.09	1.80	1.31	0.83	0.46	0.25	0.16	0.12	0.09	20			
Φ a	0.00	0.00	0.00	0.00	0.21	0.61	1.13	1.68	1.99	1.98	1.68	1.18	0.68	0.28	0.02	0.00	0.00	0.00		12		

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

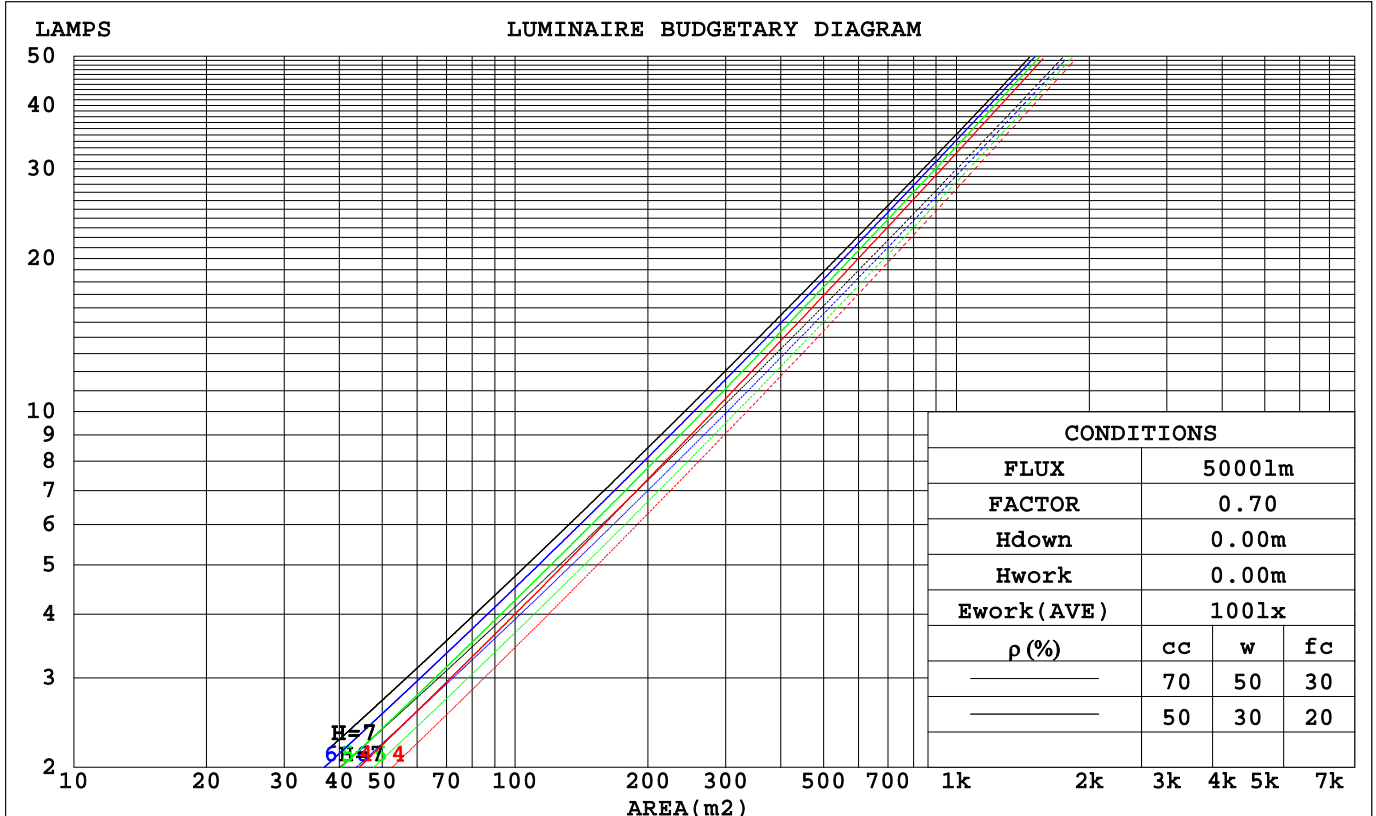
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9X10W Only UV ON

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01

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	1.15	1.15	1.15	1.11	1.11	1.11	1.02	1.02	1.02	.95	.95	.95	.87	.87	.87	.84
1.0	1.04	1.01	.98	1.01	.98	.95	.94	.92	.90	.87	.86	.84	.81	.80	.79	.76
2.0	.96	.91	.87	.93	.89	.85	.87	.84	.81	.82	.79	.77	.77	.75	.73	.70
3.0	.89	.84	.79	.87	.82	.77	.82	.78	.74	.77	.74	.71	.73	.70	.68	.66
4.0	.83	.77	.73	.81	.76	.72	.77	.72	.69	.73	.69	.67	.69	.67	.64	.62
5.0	.78	.72	.68	.76	.71	.67	.73	.68	.65	.69	.66	.63	.66	.63	.61	.59
6.0	.74	.68	.64	.72	.67	.63	.69	.65	.61	.66	.62	.59	.64	.60	.58	.56
7.0	.70	.64	.60	.69	.63	.59	.66	.61	.58	.64	.60	.57	.61	.58	.55	.54
8.0	.67	.61	.57	.66	.60	.56	.63	.59	.55	.61	.57	.54	.59	.55	.53	.51
9.0	.64	.58	.54	.63	.57	.54	.61	.56	.53	.59	.55	.52	.57	.53	.51	.49
10.0	.61	.56	.52	.60	.55	.52	.58	.54	.51	.57	.53	.50	.55	.51	.49	.48



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
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WEC AND CCEC

Report number: EL-RP20210722-3

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NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01

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	.226	.128	.041	.214	.122	.039	.192	.110	.035	.172	.099	.032	.154	.089	.029	
2.0	.201	.110	.034	.191	.105	.032	.172	.095	.030	.154	.086	.027	.137	.078	.024	
3.0	.183	.097	.029	.173	.093	.028	.156	.085	.026	.141	.077	.024	.126	.070	.022	
4.0	.168	.087	.026	.160	.083	.025	.144	.077	.023	.130	.070	.021	.117	.064	.019	
5.0	.155	.079	.023	.148	.076	.022	.134	.070	.021	.121	.064	.019	.109	.058	.018	
6.0	.145	.072	.021	.138	.070	.020	.126	.064	.019	.114	.059	.017	.103	.054	.016	
7.0	.135	.067	.019	.129	.064	.018	.118	.060	.017	.108	.055	.016	.098	.051	.015	
8.0	.127	.062	.017	.122	.060	.017	.112	.056	.016	.102	.052	.015	.093	.048	.014	
9.0	.120	.058	.016	.115	.056	.016	.106	.052	.015	.097	.049	.014	.088	.045	.013	
10.0	.114	.055	.015	.109	.053	.015	.101	.049	.014	.092	.046	.013	.084	.042	.012	

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	.312	.312	.312	.266	.266	.266	.182	.182	.182	.104	.104	.104	.033	.033	.033	
1.0	.297	.279	.263	.254	.239	.226	.174	.165	.157	.100	.095	.091	.032	.031	.029	
2.0	.283	.255	.232	.242	.220	.200	.166	.152	.140	.096	.088	.082	.031	.029	.027	
3.0	.271	.237	.210	.233	.205	.182	.160	.142	.128	.092	.083	.075	.030	.027	.025	
4.0	.261	.223	.195	.224	.193	.169	.154	.134	.119	.089	.079	.070	.029	.026	.023	
5.0	.252	.212	.183	.216	.184	.159	.149	.128	.112	.086	.075	.067	.028	.025	.022	
6.0	.244	.203	.174	.210	.176	.152	.145	.123	.107	.084	.072	.064	.027	.024	.021	
7.0	.237	.196	.167	.204	.170	.146	.141	.119	.103	.082	.070	.061	.026	.023	.020	
8.0	.230	.190	.162	.198	.164	.141	.137	.115	.100	.080	.068	.060	.026	.022	.020	
9.0	.225	.184	.157	.194	.160	.137	.134	.113	.097	.078	.066	.058	.025	.022	.019	
10.0	.220	.180	.154	.189	.156	.134	.131	.110	.095	.077	.065	.057	.025	.021	.019	

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9X10W Only UV ON

Uncorrected UGR Table

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights											
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A											
NAME: LED WALL WASHER					TYPE: 9X10W RGBWY/UV			WEIGHT:			
SPECIFICATION: 9X10W 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	-5.3	-4.5	-4.9	-4.1	-3.6	-4.0	-3.1	-3.6	-2.7	-2.3	
3H	-3.6	-2.8	-3.1	-2.3	-1.8	-1.7	-0.9	-1.2	-0.5	0.0	
4H	-2.8	-2.0	-2.2	-1.5	-1.0	-0.5	0.3	0.1	0.8	1.3	
6H	-1.7	-0.9	-1.1	-0.5	0.1	1.1	1.8	1.7	2.3	2.9	
8H	-1.1	-0.4	-0.6	0.1	0.7	1.9	2.5	2.4	3.1	3.6	
12H	-0.4	0.3	0.2	0.8	1.4	2.8	3.5	3.4	4.0	4.6	
4H 2H	-3.6	-2.8	-3.1	-2.4	-1.9	-2.8	-2.0	-2.3	-1.6	-1.0	
3H	-1.8	-1.1	-1.2	-0.6	-0.0	-0.5	0.2	0.1	0.7	1.3	
4H	-0.9	-0.3	-0.4	0.2	0.8	0.8	1.4	1.4	2.0	2.6	
6H	0.2	0.7	0.8	1.3	2.0	2.5	3.0	3.1	3.6	4.3	
8H	0.8	1.3	1.4	1.9	2.6	3.3	3.8	3.9	4.4	5.1	
12H	1.6	2.1	2.2	2.7	3.4	4.4	4.8	5.0	5.5	6.2	
8H 4H	-0.3	0.2	0.3	0.8	1.5	1.1	1.6	1.8	2.3	2.9	
6H	1.2	1.6	1.9	2.3	3.0	3.1	3.5	3.8	4.2	4.9	
8H	2.1	2.5	2.8	3.1	3.9	4.2	4.5	4.8	5.2	6.0	
12H	3.1	3.5	3.8	4.1	4.9	5.5	5.8	6.2	6.5	7.3	
12H 4H	-0.1	0.4	0.5	1.0	1.7	1.2	1.7	1.9	2.3	3.0	
6H	1.6	2.0	2.3	2.6	3.4	3.3	3.7	4.0	4.3	5.1	
8H	2.7	3.0	3.4	3.7	4.5	4.5	4.8	5.2	5.5	6.3	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.4 / - 0.3					+ 0.3 / - 0.2					
2.0H	+ 0.4 / - 0.7					+ 0.3 / - 0.5					

CIE Pub.117 Corrected 19.53 lm Total Lamp Luminous Flux.(8log(F/F0) = -13.7)

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9X10W Only UV ON

UTILIZATION FACTORS TABLE

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W 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) $k(RI) \times RCR = 5$									
$k = 0.60$	72	64	59	71	64	59	69	63	59	54
0.80	80	72	67	79	71	66	76	70	65	60
1.00	85	77	72	83	76	71	80	75	70	64
1.25	90	82	77	88	81	76	84	78	74	67
1.50	93	86	81	91	85	80	87	81	78	70
2.00	98	91	86	95	89	84	90	85	81	72
2.50	100	94	89	97	92	88	92	87	84	74
3.00	103	97	93	99	94	90	93	90	86	75
4.00	106	101	97	102	98	95	95	92	90	77
5.00	107	103	100	104	100	97	97	94	92	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

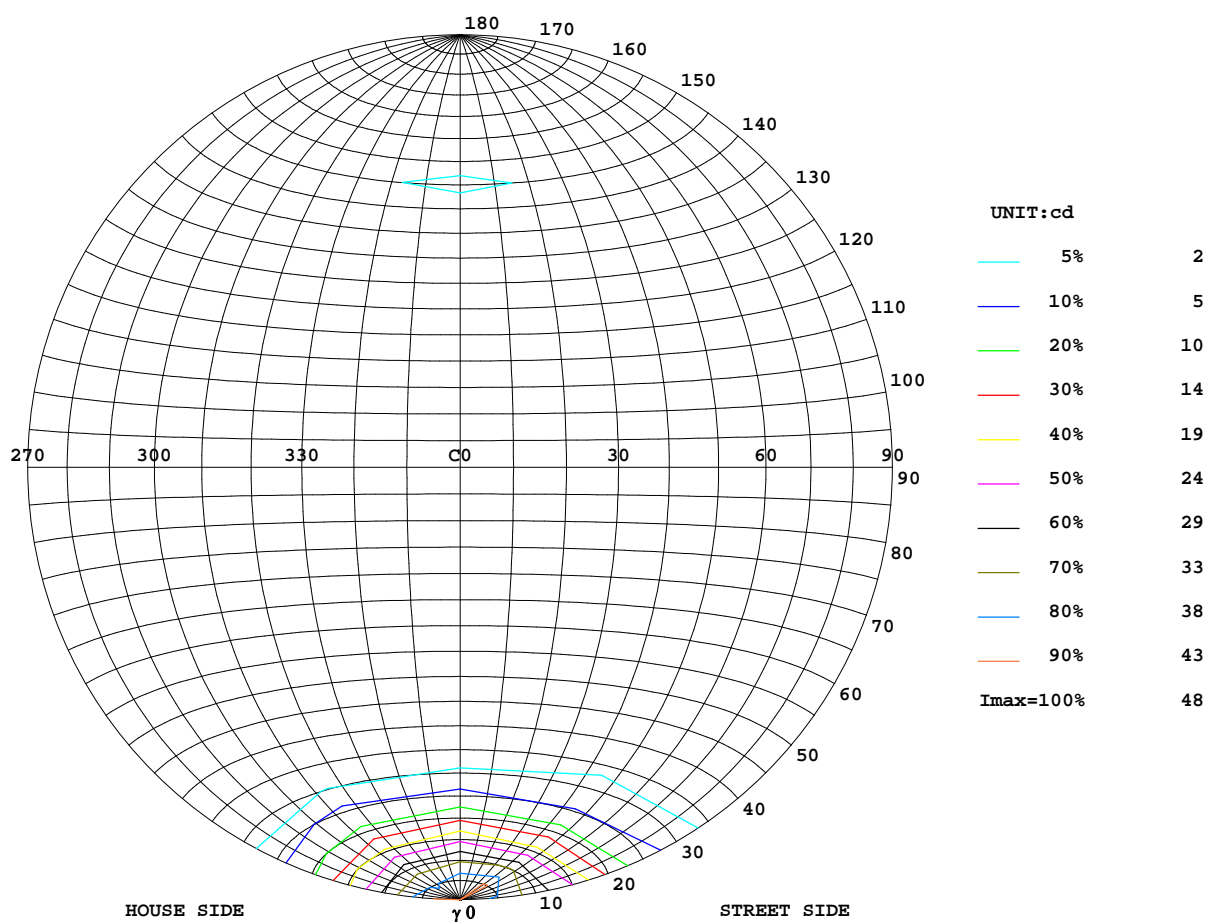
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

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-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

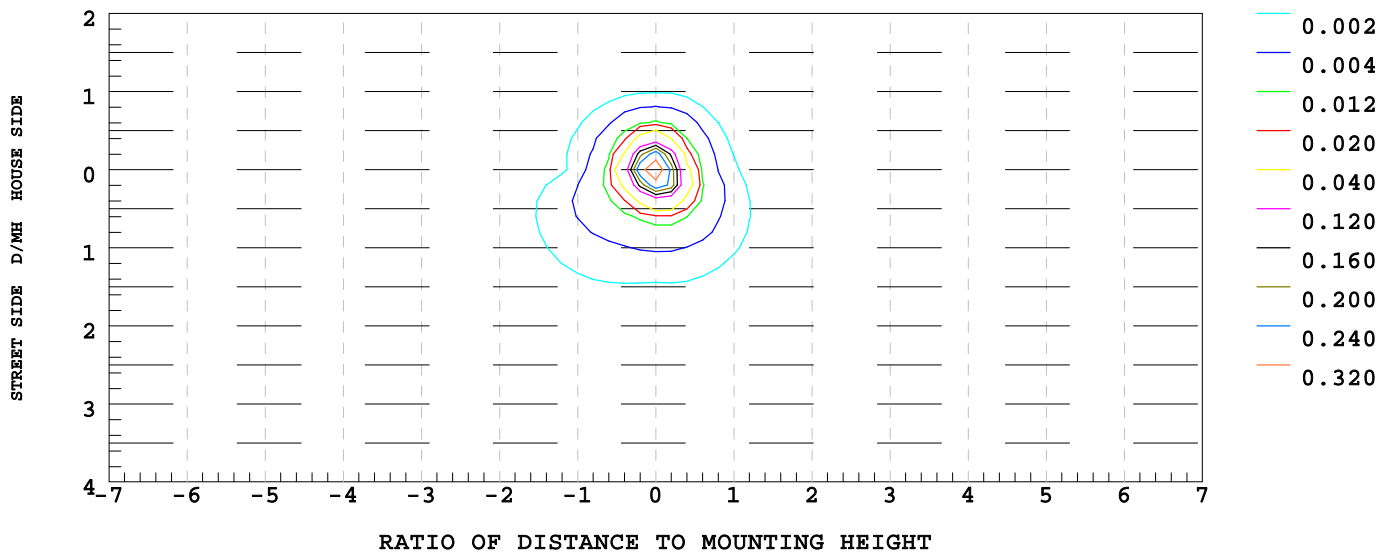
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9X10W Only UV ON

ISOLUX DIAGRAM

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01

ILLUMINANCE AT MH=10 m, Enadir = 0.40 lx



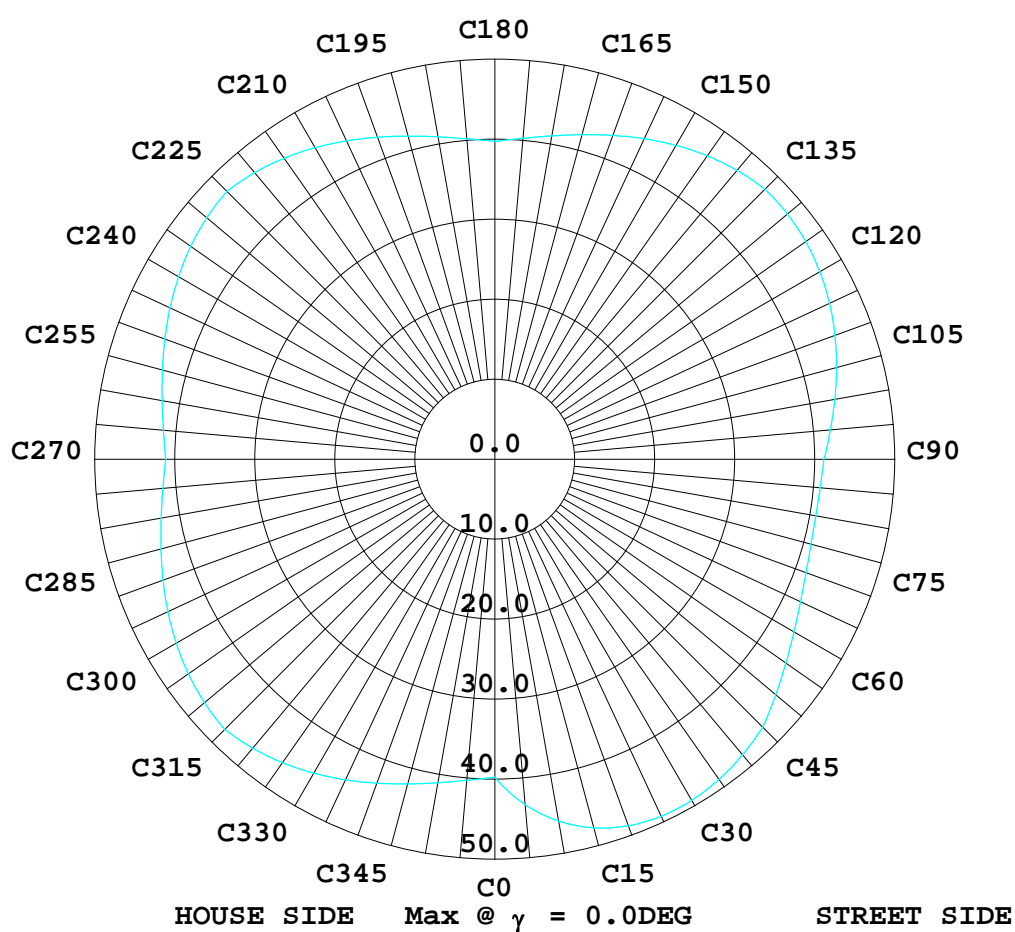
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 9X10W Only UV ON

ISOCANDELA DIAGRAM

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 9X10W Only UV ON

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: EL-RP20210722-3

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 9X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 9X10W Only UV ON	DIMENSION:	SERIAL No.: 01

UNIT: cd

C (DEG)									
γ (DEG)		0	45	90	135	180	225	270	315
0.0		39.7	47.3	41.1	47.7	39.7	47.3	41.1	47.7
5.0		41.2	43.2	37.3	45.2	36.6	41.1	37.4	43.5
10.0		32.8	33.5	31.2	39.1	26.6	29.5	31.6	31.1
15.0		22.8	20.9	23.9	27.3	16.3	18.4	20.0	22.2
20.0		13.3	11.9	13.4	15.7	8.19	8.57	11.0	11.3
25.0		5.69	4.99	6.59	8.44	3.39	3.45	5.50	5.05
30.0		2.62	2.81	3.13	4.09	1.72	1.72	2.43	2.36
35.0		1.53	2.11	2.04	2.36	1.02	1.08	1.21	1.28
40.0		0.96	1.60	1.47	1.60	0.77	0.70	0.77	0.83
45.0		0.77	1.47	1.28	1.28	0.64	0.58	0.51	0.70
50.0		0.64	1.40	0.96	1.21	0.58	0.51	0.45	0.58
55.0		0.64	1.47	1.08	1.15	0.51	0.45	0.38	0.51
60.0		0.64	1.53	1.08	0.90	0.51	0.38	0.32	0.45
65.0		0.58	1.28	0.90	0.64	0.45	0.38	0.32	0.38
70.0		0.51	1.08	0.90	0.51	0.45	0.32	0.26	0.32
75.0		0.45	0.77	0.83	0.51	0.38	0.32	0.26	0.32
80.0		0.45	0.64	0.83	0.45	0.38	0.32	0.32	0.32
85.0		0.38	0.70	0.70	0.45	0.38	0.32	0.32	0.32
90.0		0.38	0.70	0.70	0.45	0.38	0.32	0.32	0.32
95.0		0.45	0.70	0.70	0.45	0.38	0.32	0.32	0.32
100.0		0.45	0.51	0.45	0.45	0.38	0.32	0.32	0.32
105.0		0.38	0.45	0.51	0.45	0.38	0.32	0.32	0.32
110.0		0.38	0.45	0.51	0.45	0.45	0.32	0.38	0.32
115.0		0.45	0.45	0.51	0.45	0.45	0.38	0.38	0.45
120.0		0.45	0.45	0.51	0.51	0.45	0.38	0.38	0.38
125.0		0.45	0.51	0.51	0.51	0.45	0.32	0.38	0.38
130.0		0.51	0.51	0.64	0.58	0.45	0.32	0.38	0.38
135.0		0.51	0.58	0.70	0.64	0.45	0.32	0.38	0.38
140.0		0.45	0.70	0.77	0.70	0.45	0.38	0.38	0.45
145.0		3.39	0.70	0.83	0.70	0.45	0.45	0.38	0.45
150.0		0.77	0.77	0.83	0.83	0.51	0.51	0.45	0.45
155.0		0.77	0.83	0.83	0.83	0.58	0.51	0.38	0.45
160.0		0.77	0.70	0.77	0.77	0.51	0.51	0.45	0.45
165.0		0.70	0.70	0.70	0.70	0.51	0.45	0.45	0.45
170.0		0.64	0.64	0.64	0.64	0.51	0.45	0.45	0.51
175.0		0.58	0.58	0.64	0.58	0.58	0.45	0.45	0.45
180.0		0.58	0.58	0.64	0.58	0.58	0.45	0.45	0.45

Test System:HOP00 HPG1800
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