

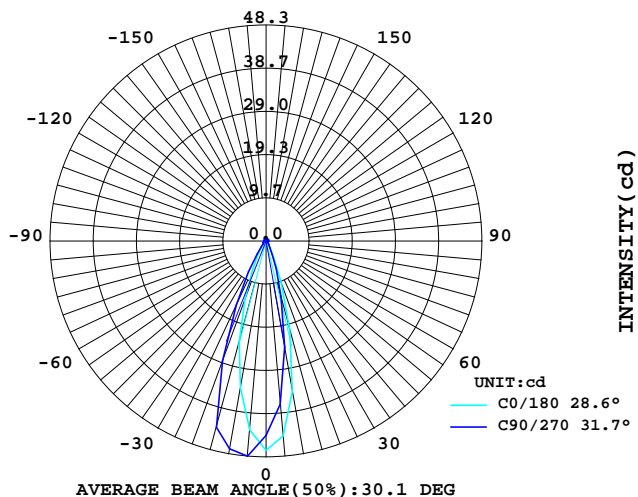
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: EL-RP20210722-6

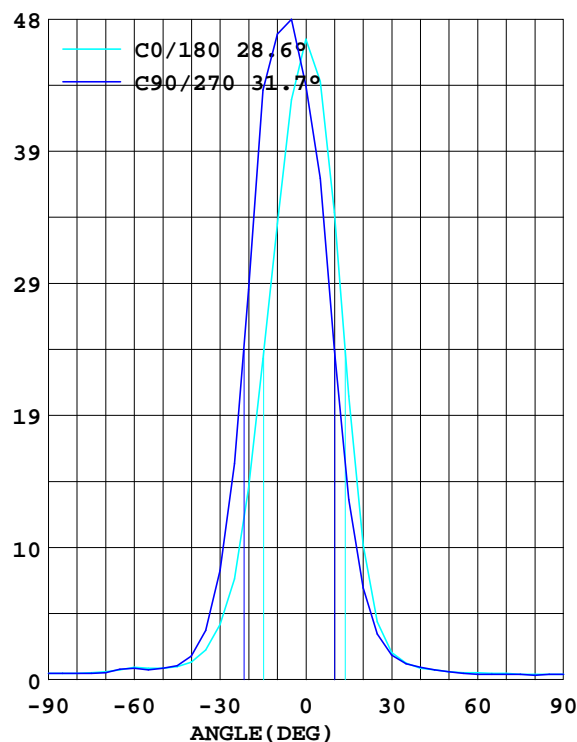
MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W Only UV ON	DIMENSION:	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	48.32	S/MH(C0/180)	0.50
MODEL	RGBWY/UV	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.68
NOMINAL POWER(W)	0	TOTAL FLUX(lm)	21.583	Voltage(V)	0
RATED VOLTAGE(V)	0	EFFICIENCY(lm/W)		Current(A)	0
NOMINAL FLUX(lm)	21.6	η up(%)	14.2	Power(W)	0
LAMPS QUANTITY	1	η down(%)	85.8	Power Factor(PF)	0
TEST VOLTAGE(V)	0.0	Effective Flux(lm)	14.2	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



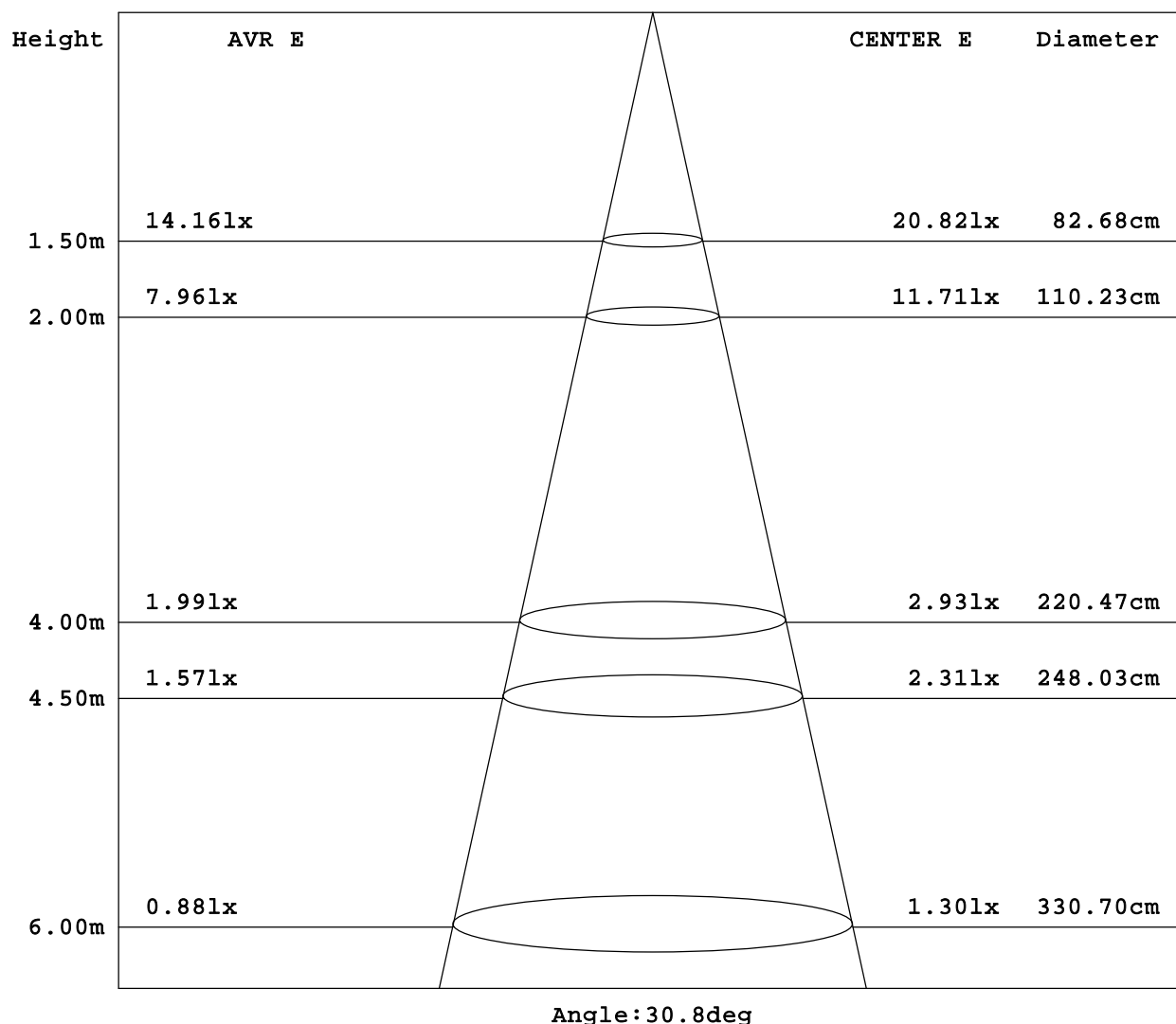
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 18X10W Only UV ON

AVERAGE AND CENTER E Figure

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
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ZONAL FLUX DIAGRAM

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SPECIFICATION: 18X10W Only UV ON	DIMENSION:	SERIAL No.: 01

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	33.34	40.25	47.23	44.16	34.17	29.95	24.12	23.16	0- 10	3.786	3.786
20.0	14.01	20.60	28.54	21.12	9.856	10.24	6.720	6.848	10- 20	6.781	10.56
30.0	4.032	5.888	8.000	4.480	1.984	2.368	1.792	2.112	20- 30	3.803	14.37
40.0	1.280	1.472	1.728	1.280	0.832	1.024	0.896	1.024	30- 40	1.388	15.76
50.0	0.832	0.768	0.832	0.704	0.576	0.704	0.576	0.704	40- 50	0.699	16.45
60.0	0.896	0.832	0.832	0.832	0.512	0.512	0.384	0.512	50- 60	0.588	17.04
70.0	0.576	0.512	0.512	0.512	0.448	0.384	0.384	0.448	60- 70	0.575	17.62
80.0	0.448	0.448	0.448	0.384	0.384	0.384	0.320	0.384	70- 80	0.455	18.07
90.0	0.448	0.384	0.448	0.448	0.384	0.384	0.384	0.384	80- 90	0.439	18.51
100.0	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.448	90-100	0.436	18.95
110.0	0.448	0.384	0.384	0.384	0.448	0.448	0.512	0.512	100-110	0.444	19.39
120.0	0.448	0.448	0.384	0.384	0.448	0.512	0.512	0.512	110-120	0.453	19.84
130.0	0.512	0.512	0.512	0.448	0.448	0.512	0.448	0.448	120-130	0.418	20.26
140.0	0.640	0.576	0.640	0.576	0.512	0.512	0.448	0.448	130-140	0.393	20.66
150.0	0.832	0.768	0.768	0.768	0.512	0.512	0.512	0.512	140-150	0.377	21.03
160.0	0.832	0.832	0.768	0.832	0.512	0.512	0.512	0.512	150-160	0.309	21.34
170.0	0.704	0.640	0.640	0.704	0.576	0.576	0.512	0.576	160-170	0.180	21.52
180.0	0.640	0.576	0.576	0.576	0.640	0.576	0.576	0.576	170-180	0.057	21.58
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 18X10W Only UV ON

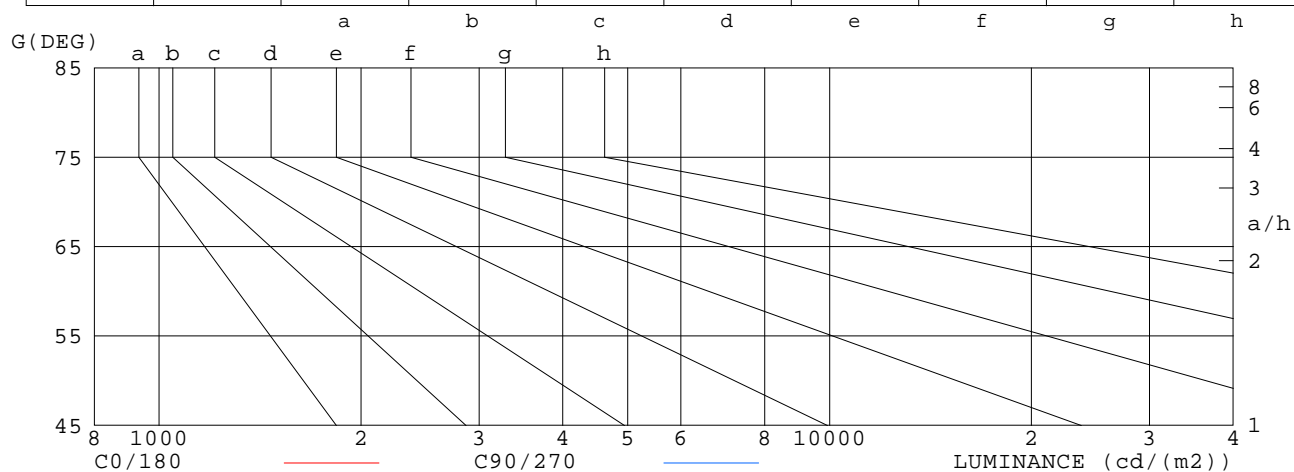
LUMINANCE LIMITATION CURVES

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
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SPECIFICATION: 18X10W Only UV ON	DIMENSION:	SERIAL No.: 01

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	51	51
80	26	26
75	20	17
70	17	15
65	17	18
60	18	17
55	15	12
50	13	13
45	14	14

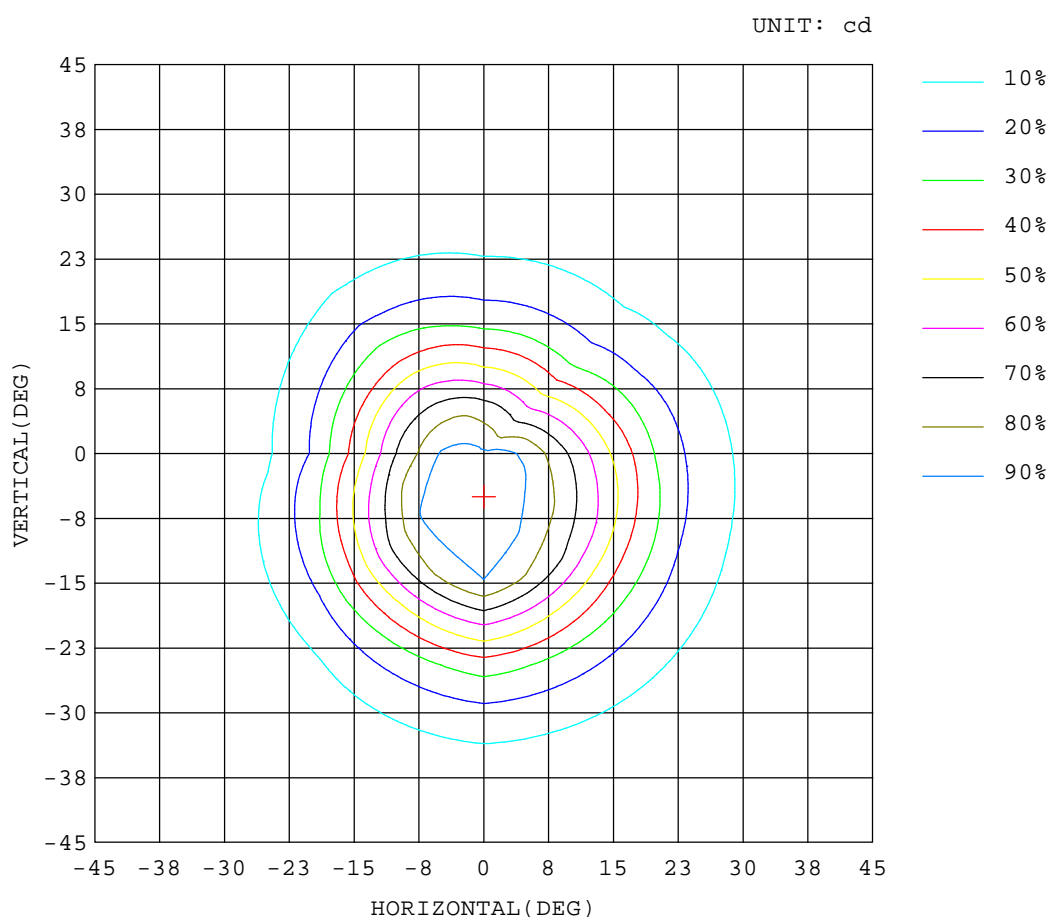
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks: 18X10W Only UV ON

ISOCANDELA DIAGRAM

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
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SPECIFICATION: 18X10W Only UV ON	DIMENSION:	SERIAL No.: 01



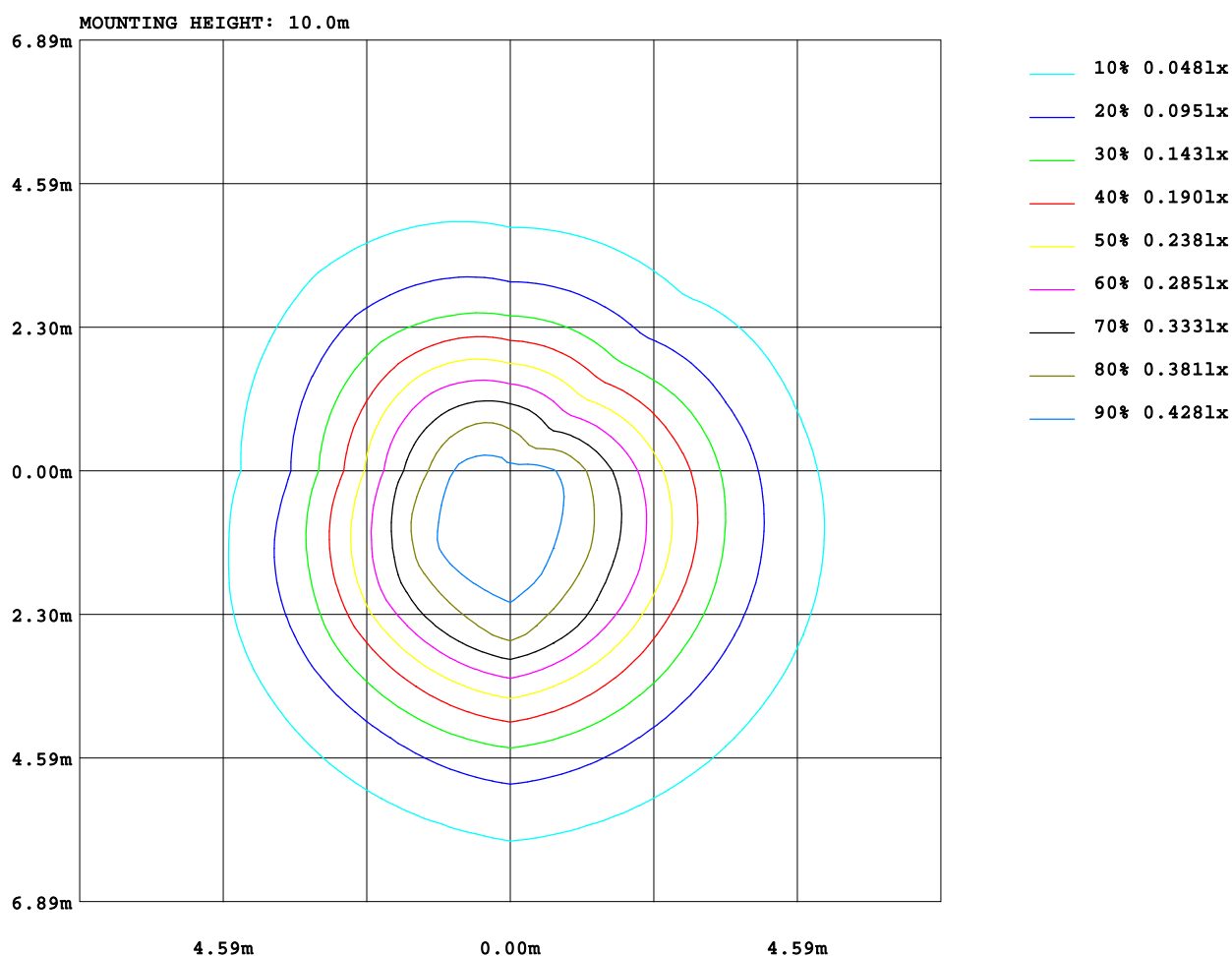
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 18X10W Only UV ON

ISOLUX DIAGRAM

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Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
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SPECIFICATION: 18X10W 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: 18X10W Only UV ON

AREA LUMINOUS FLUX

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W 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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.09	0.00		
45	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	0.00	0.11	0.00		
40	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	0.01	0.00	0.00	0.14	0.00		
35	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	0.00	0.20	0.00		
30	0.00	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.33	0.10		
25	0.00	0.01	0.01	0.01	0.02	0.04	0.06	0.08	0.08	0.07	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.58	0.43		
20	0.00	0.01	0.01	0.02	0.03	0.06	0.10	0.13	0.15	0.14	0.11	0.08	0.05	0.04	0.02	0.01	0.01	0.01	0.97	0.86		
15	0.00	0.01	0.01	0.02	0.04	0.09	0.15	0.21	0.24	0.22	0.17	0.13	0.09	0.05	0.03	0.02	0.01	0.01	1.48	1.38		
10	0.00	0.01	0.01	0.02	0.05	0.11	0.19	0.27	0.31	0.29	0.25	0.19	0.12	0.07	0.04	0.02	0.01	0.01	1.96	1.87		
5	0.00	0.01	0.01	0.02	0.06	0.12	0.22	0.31	0.35	0.34	0.29	0.22	0.14	0.08	0.04	0.02	0.01	0.01	2.26	2.17		
0	0.00	0.01	0.01	0.03	0.06	0.13	0.23	0.32	0.36	0.35	0.29	0.22	0.14	0.08	0.04	0.02	0.01	0.01	2.30	2.21		
-5	0.00	0.01	0.01	0.02	0.05	0.11	0.20	0.28	0.33	0.32	0.27	0.19	0.12	0.07	0.04	0.02	0.01	0.01	2.06	1.98		
-10	0.00	0.01	0.01	0.02	0.04	0.08	0.14	0.21	0.26	0.25	0.20	0.14	0.09	0.05	0.03	0.01	0.01	0.01	1.57	1.47		
-15	0.00	0.01	0.01	0.01	0.03	0.05	0.09	0.13	0.16	0.16	0.13	0.09	0.06	0.04	0.02	0.01	0.01	0.01	1.00	0.88		
-20	0.00	0.01	0.01	0.01	0.02	0.03	0.05	0.07	0.08	0.09	0.07	0.05	0.04	0.02	0.01	0.01	0.01	0.01	0.57	0.44		
-25	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.31	0.10		
-30	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.18	0.00		
-35	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	0.00	0.00	0.00	0.12	0.00		
-40	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
-45	Φ t	0.07	0.09	0.14	0.24	0.47	0.92	1.55	2.15	2.46	2.38	1.99	1.47	0.98	0.58	0.33	0.20	0.12	0.09	22		
	Φ a	0.00	0.00	0.00	0.01	0.30	0.79	1.44	2.04	2.36	2.28	1.88	1.36	0.85	0.44	0.13	0.00	0.00	0.00	14		

Test System:HOP00 HPG1800
Temperature:25.3DEG
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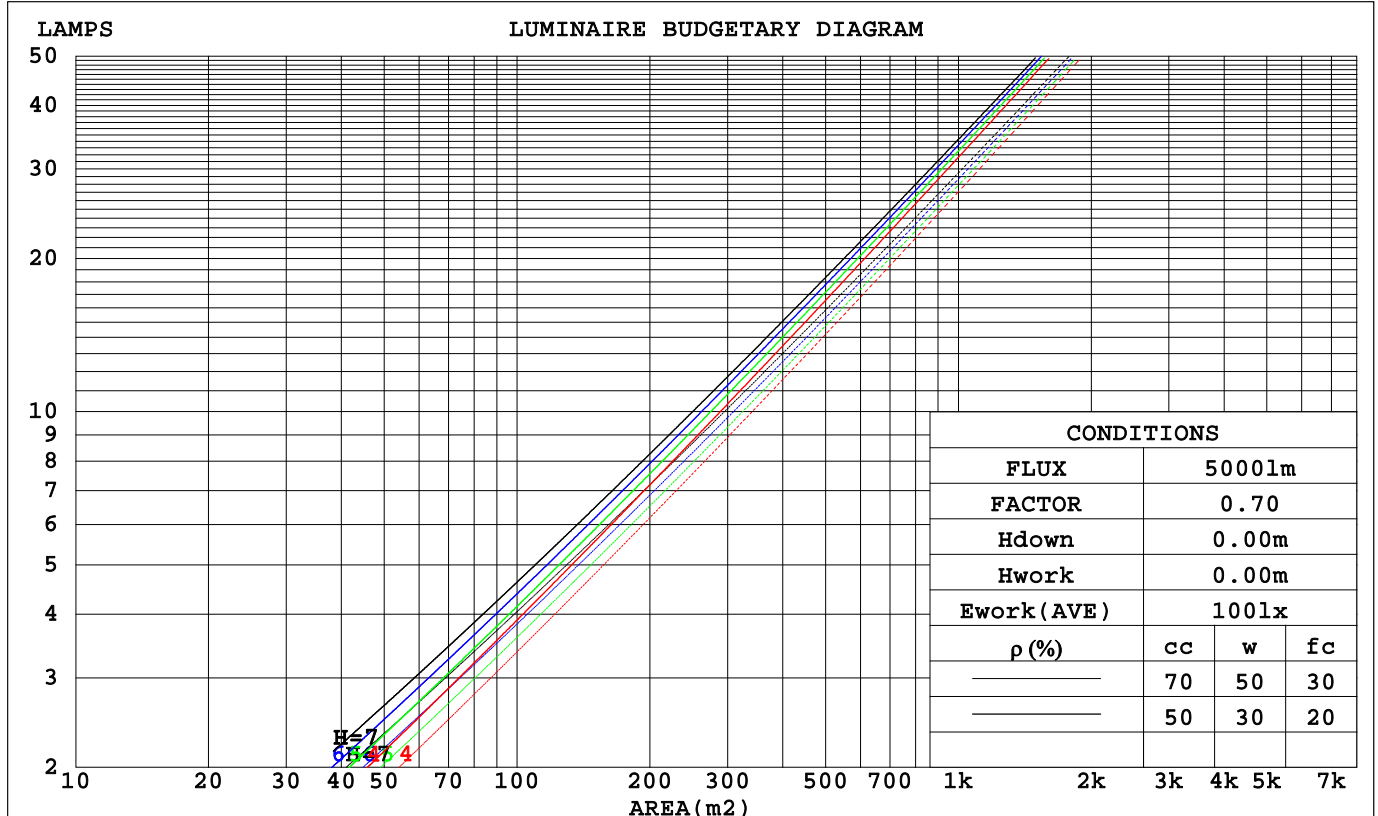
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 18X10W Only UV ON

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W 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															



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WEC AND CCEC

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SPECIFICATION: 18X10W 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	.214	.122	.039	.203	.116	.037	.182	.105	.033	.163	.094	.030	.146	.084	.027															
2.0	.192	.105	.032	.183	.101	.031	.164	.091	.028	.148	.083	.026	.132	.075	.024															
3.0	.176	.094	.028	.167	.090	.027	.151	.082	.025	.136	.075	.023	.122	.068	.021															
4.0	.162	.084	.025	.155	.081	.024	.140	.074	.022	.127	.068	.021	.114	.062	.019															
5.0	.151	.077	.022	.144	.074	.022	.131	.068	.020	.119	.063	.019	.108	.058	.017															
6.0	.141	.071	.020	.135	.068	.020	.123	.063	.018	.112	.058	.017	.102	.054	.016															
7.0	.133	.066	.019	.127	.063	.018	.116	.059	.017	.106	.055	.016	.097	.050	.015															
8.0	.125	.061	.017	.120	.059	.017	.110	.055	.016	.101	.051	.015	.093	.048	.014															
9.0	.119	.057	.016	.114	.056	.016	.105	.052	.015	.097	.048	.014	.089	.045	.013															
10.0	.113	.054	.015	.108	.052	.015	.100	.049	.014	.092	.046	.013	.085	.043	.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	.299	.299	.299	.255	.255	.255	.174	.174	.174	.100	.100	.100	.032	.032	.032		
1.0	.283	.266	.251	.242	.228	.216	.166	.157	.149	.095	.091	.087	.031	.029	.028		
2.0	.269	.242	.220	.230	.209	.190	.158	.144	.133	.091	.084	.078	.029	.027	.025		
3.0	.257	.224	.198	.220	.193	.172	.151	.134	.120	.087	.078	.071	.028	.025	.023		
4.0	.246	.210	.182	.211	.181	.158	.145	.126	.111	.084	.074	.066	.027	.024	.022		
5.0	.237	.199	.170	.204	.172	.148	.140	.120	.105	.081	.071	.062	.026	.023	.020		
6.0	.229	.190	.161	.197	.164	.140	.136	.115	.099	.079	.068	.059	.025	.022	.020		
7.0	.222	.182	.154	.191	.158	.134	.132	.111	.095	.077	.065	.057	.025	.021	.019		
8.0	.216	.176	.149	.186	.153	.130	.129	.107	.092	.075	.063	.055	.024	.021	.018		
9.0	.211	.171	.144	.181	.148	.126	.126	.104	.089	.073	.062	.053	.024	.020	.018		
10.0	.206	.167	.140	.177	.145	.123	.123	.102	.087	.072	.060	.052	.023	.020	.017		

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Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Remarks: 18X10W Only UV ON

Uncorrected UGR Table

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights											
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A											
NAME: LED WALL WASHER					TYPE: 18X10W RGBWY/UV			WEIGHT:			
SPECIFICATION: 18X10W 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	2H	-6.5	-5.7	-6.1	-5.3	-4.9	-6.1	-5.3	-5.7	-4.9	-4.5
	3H	-4.8	-4.0	-4.4	-3.6	-3.2	-4.8	-4.0	-4.4	-3.6	-3.2
	4H	-3.8	-3.1	-3.3	-2.6	-2.1	-4.0	-3.2	-3.5	-2.8	-2.3
	6H	-2.6	-1.9	-2.1	-1.4	-0.9	-2.7	-2.0	-2.2	-1.6	-1.1
	8H	-1.8	-1.2	-1.3	-0.7	-0.1	-1.9	-1.3	-1.4	-0.8	-0.2
	12H	-0.8	-0.2	-0.3	0.3	0.9	-0.9	-0.3	-0.4	0.2	0.8
4H	2H	-5.8	-5.1	-5.3	-4.6	-4.1	-5.5	-4.7	-5.0	-4.3	-3.8
	3H	-4.0	-3.3	-3.4	-2.8	-2.3	-4.0	-3.4	-3.5	-2.9	-2.3
	4H	-2.8	-2.2	-2.2	-1.7	-1.1	-3.0	-2.4	-2.4	-1.9	-1.3
	6H	-1.4	-0.8	-0.8	-0.3	0.3	-1.5	-1.0	-0.9	-0.4	0.2
	8H	-0.5	0.0	0.1	0.6	1.2	-0.6	-0.1	0.0	0.5	1.1
	12H	0.7	1.1	1.3	1.7	2.4	0.6	1.0	1.2	1.6	2.3
8H	4H	-2.3	-1.8	-1.7	-1.3	-0.6	-2.5	-2.0	-1.9	-1.4	-0.8
	6H	-0.6	-0.2	0.0	0.4	1.1	-0.7	-0.3	-0.1	0.3	1.0
	8H	0.4	0.8	1.1	1.4	2.2	0.4	0.7	1.0	1.4	2.1
	12H	1.8	2.1	2.5	2.8	3.5	1.8	2.1	2.5	2.8	3.5
12H	4H	-2.2	-1.8	-1.6	-1.2	-0.5	-2.4	-1.9	-1.7	-1.3	-0.6
	6H	-0.4	-0.1	0.2	0.6	1.3	-0.5	-0.2	0.1	0.5	1.2
	8H	0.7	1.0	1.4	1.7	2.5	0.7	1.0	1.4	1.7	2.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.2					
1.5H	+ 0.3 / - 0.2					+ 0.2 / - 0.2					
2.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.5					

CIE Pub.117 Corrected 21.58 lm Total Lamp Luminous Flux.(8log(F/F0) = -13.3)

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: 18X10W Only UV ON

UTILIZATION FACTORS TABLE

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W 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) $k(RI) \times RCR = 5$									
$k = 0.60$	75	67	63	74	67	62	72	66	62	57
0.80	83	75	70	81	74	70	79	73	69	64
1.00	88	80	75	86	79	74	83	78	73	67
1.25	92	85	80	90	84	79	87	81	77	71
1.50	95	89	84	93	87	83	89	84	81	73
2.00	99	93	88	97	91	87	92	88	84	75
2.50	102	96	92	99	94	90	94	90	87	77
3.00	104	99	95	101	96	93	95	92	89	78
4.00	107	102	99	103	100	97	97	94	92	80
5.00	109	105	102	105	102	99	98	96	94	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

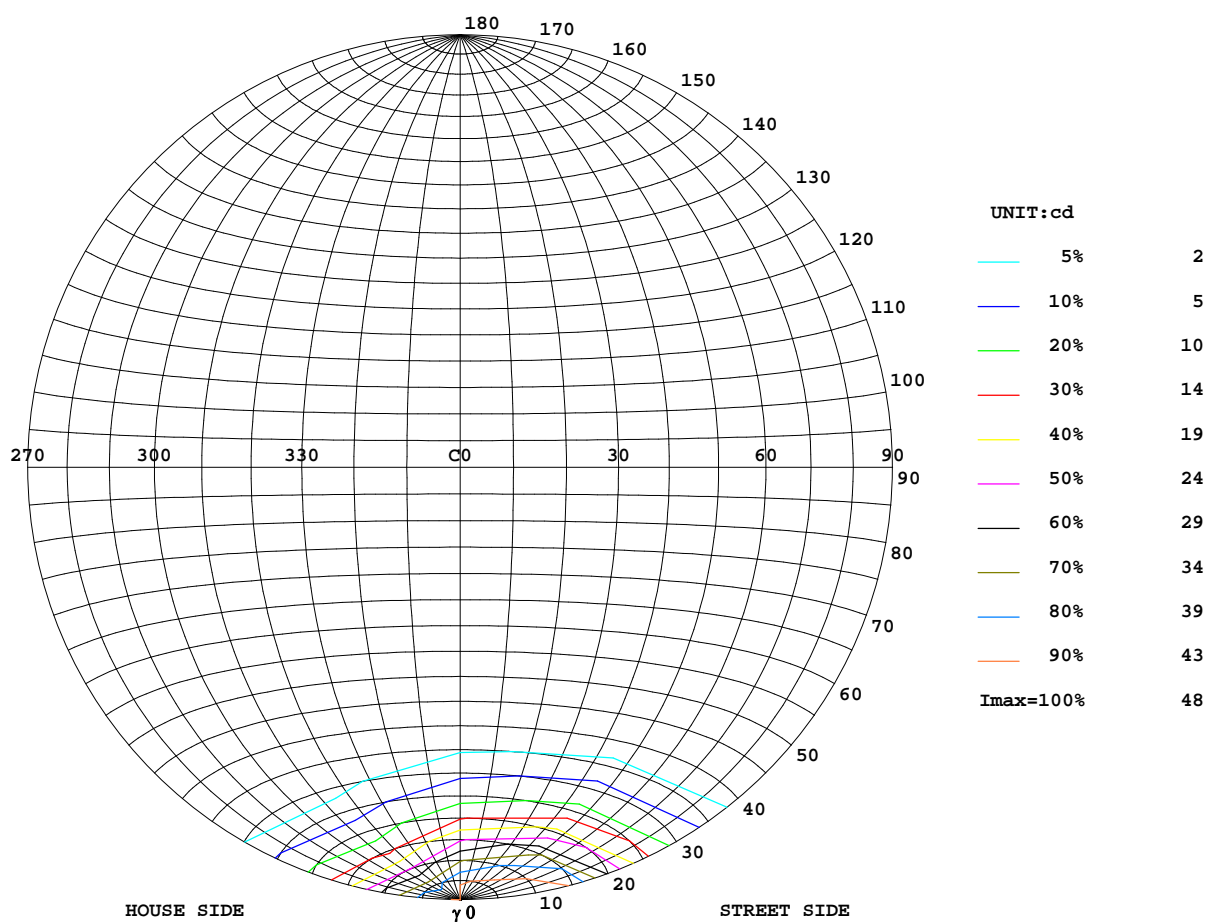
Test System:HOP00 HPG1800
 Temperature:25.3DEG
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 Test Date:07-22-2021

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

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W Only UV ON	DIMENSION:	SERIAL No.: 01



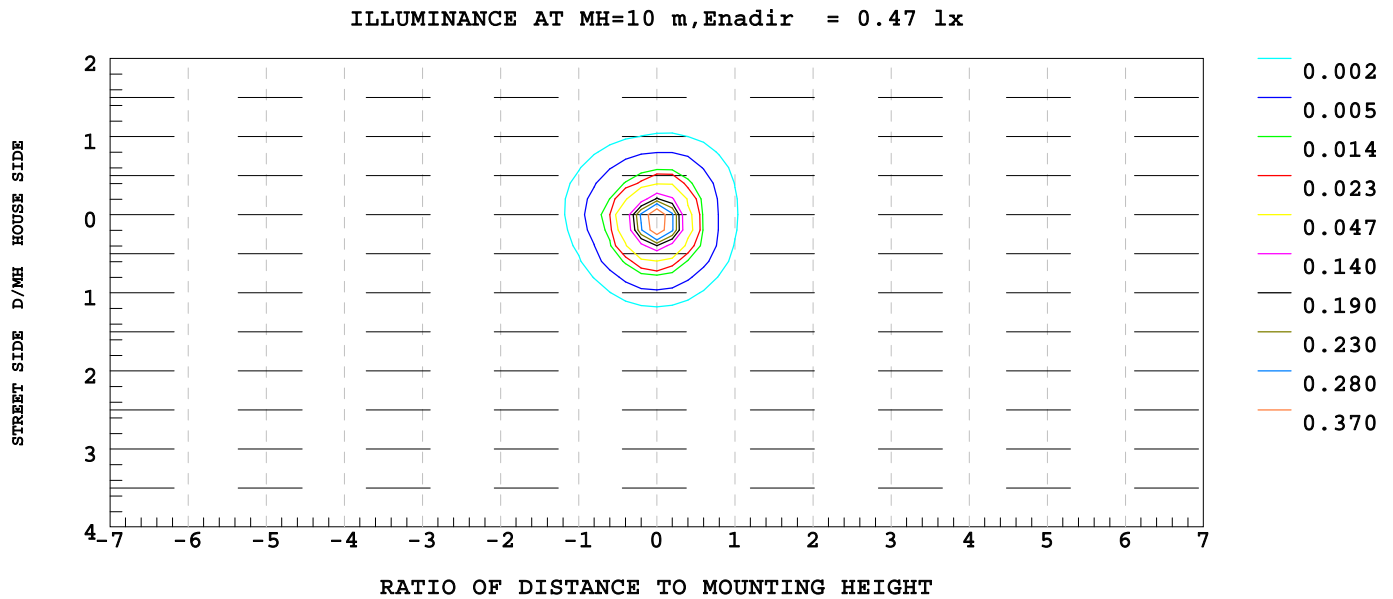
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

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

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W Only UV ON	DIMENSION:	SERIAL No.: 01



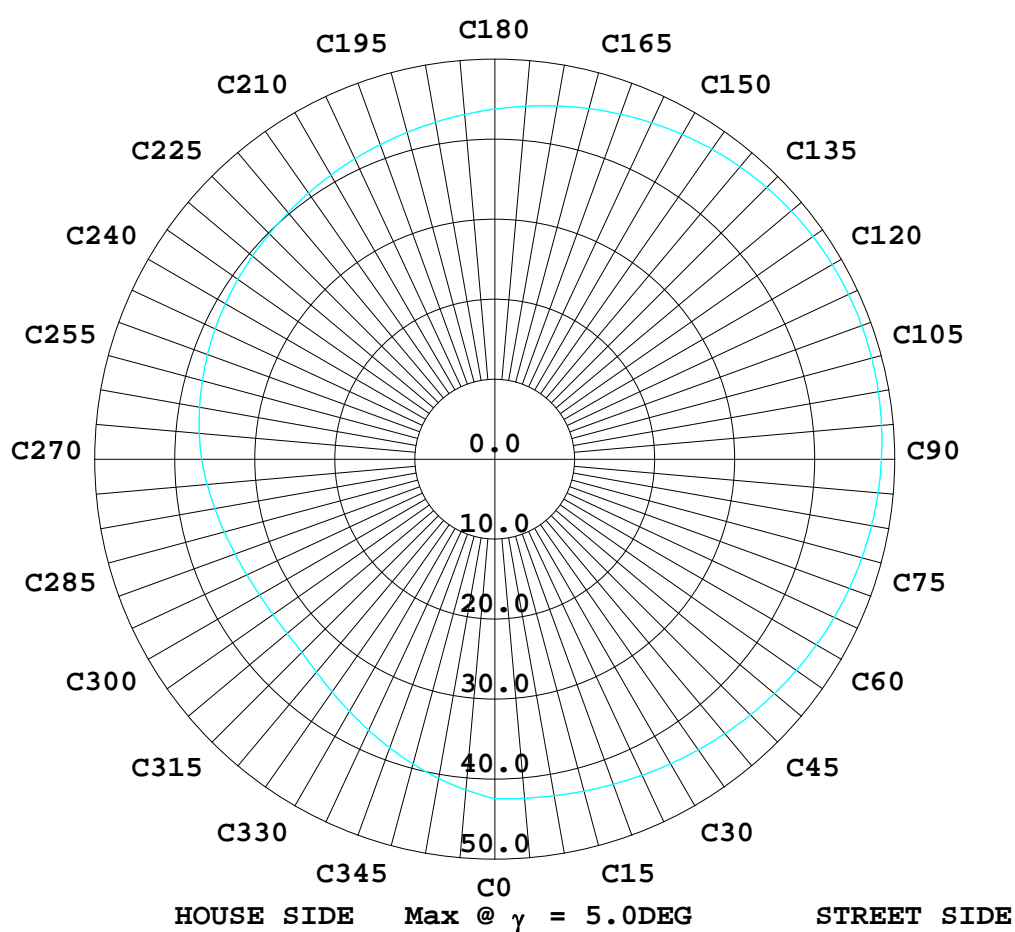
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 18X10W Only UV ON

ISOCANDELA DIAGRAM

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
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Test System:HOP00 HPG1800
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 Operators:RD
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: EL-RP20210722-6

MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W Only UV ON	DIMENSION:	SERIAL No.: 01

UNIT: cd

C(°)	0	45	90	135	180	225	270	315
γ (°)								
0.0	46.8	44.6	43.4	43.0	46.8	44.6	43.4	43.0
5.0	42.4	45.1	48.3	48.0	43.7	39.8	36.6	34.1
10.0	33.3	40.2	47.2	44.1	34.1	29.9	24.1	23.1
15.0	23.4	32.1	43.1	34.4	20.7	18.1	13.1	13.1
20.0	14.0	20.6	28.5	21.1	9.85	10.2	6.72	6.84
25.0	7.36	11.4	15.8	10.3	4.22	4.99	3.32	3.77
30.0	4.03	5.88	8.00	4.48	1.98	2.36	1.79	2.11
35.0	2.17	2.88	3.58	2.24	1.21	1.34	1.15	1.34
40.0	1.28	1.47	1.72	1.28	0.83	1.02	0.90	1.02
45.0	0.96	0.96	1.02	0.90	0.70	0.83	0.70	0.83
50.0	0.83	0.77	0.83	0.70	0.58	0.70	0.58	0.70
55.0	0.83	0.70	0.70	0.64	0.51	0.58	0.45	0.58
60.0	0.90	0.83	0.83	0.83	0.51	0.51	0.38	0.51
65.0	0.70	0.77	0.77	0.77	0.45	0.45	0.38	0.45
70.0	0.58	0.51	0.51	0.51	0.45	0.38	0.38	0.45
75.0	0.51	0.45	0.45	0.45	0.38	0.38	0.38	0.38
80.0	0.45	0.45	0.45	0.38	0.38	0.38	0.32	0.38
85.0	0.45	0.38	0.45	0.38	0.38	0.38	0.38	0.38
90.0	0.45	0.38	0.45	0.45	0.38	0.38	0.38	0.38
95.0	0.45	0.38	0.45	0.38	0.38	0.38	0.38	0.38
100.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.45
105.0	0.45	0.38	0.38	0.38	0.45	0.45	0.45	0.45
110.0	0.45	0.38	0.38	0.38	0.45	0.45	0.51	0.51
115.0	0.45	0.38	0.38	0.45	0.51	0.51	0.51	0.51
120.0	0.45	0.45	0.38	0.38	0.45	0.51	0.51	0.51
125.0	0.45	0.45	0.45	0.45	0.45	0.51	0.45	0.51
130.0	0.51	0.51	0.51	0.45	0.45	0.51	0.45	0.45
135.0	0.58	0.58	0.58	0.51	0.45	0.45	0.45	0.45
140.0	0.64	0.58	0.64	0.58	0.51	0.51	0.45	0.45
145.0	0.70	0.70	0.70	0.70	0.51	0.51	0.51	0.51
150.0	0.83	0.77	0.77	0.77	0.51	0.51	0.51	0.51
155.0	0.90	0.83	0.83	0.83	0.51	0.51	0.51	0.51
160.0	0.83	0.83	0.77	0.83	0.51	0.51	0.51	0.51
165.0	0.77	0.70	0.70	0.77	0.51	0.51	0.51	0.51
170.0	0.70	0.64	0.64	0.70	0.58	0.58	0.51	0.58
175.0	0.64	0.58	0.58	0.64	0.58	0.58	0.58	0.58
180.0	0.64	0.58	0.58	0.58	0.64	0.58	0.58	0.58

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