

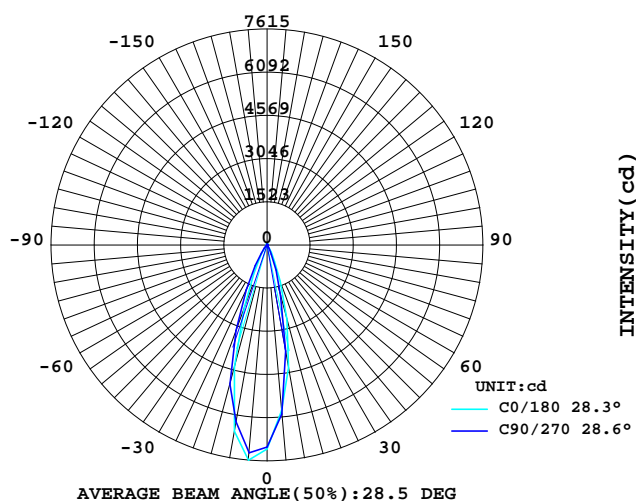
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: EL-RP20210722-4

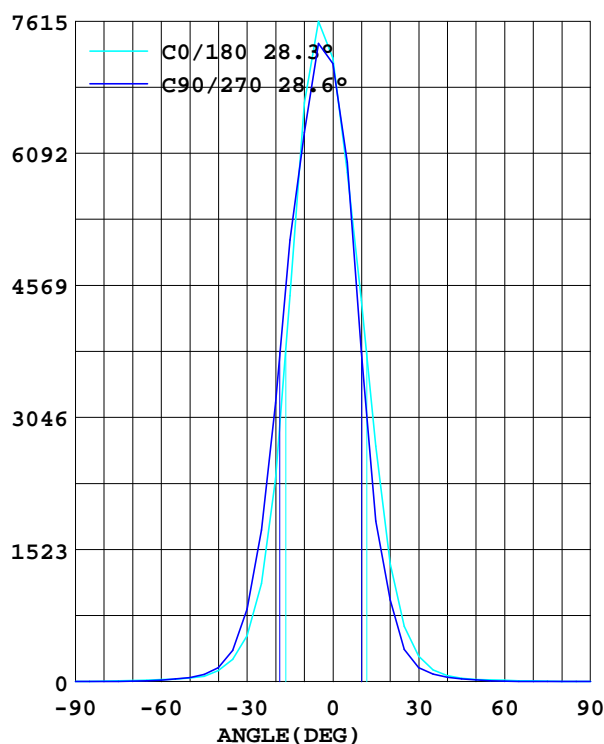
MANUFACTURER: Environmental Lights		
Address: 11235 West Bernardo Court Suite 102 San Diego CA U.S.A		
NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W Only RGB ON	DIMENSION:	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	7627	S/MH(C0/180)	0.53
MODEL	RGBWY/UV	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.60
NOMINAL POWER(W)	0	TOTAL FLUX(lm)	2398.3	Voltage(V)	0
RATED VOLTAGE(V)	0	EFFICIENCY(lm/W)		Current(A)	0
NOMINAL FLUX(lm)	2398.4	η up(%)	2.8	Power(W)	0
LAMPS QUANTITY	1	η down(%)	97.2	Power Factor(PF)	0
TEST VOLTAGE(V)	0.0	Effective Flux(lm)	2006.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



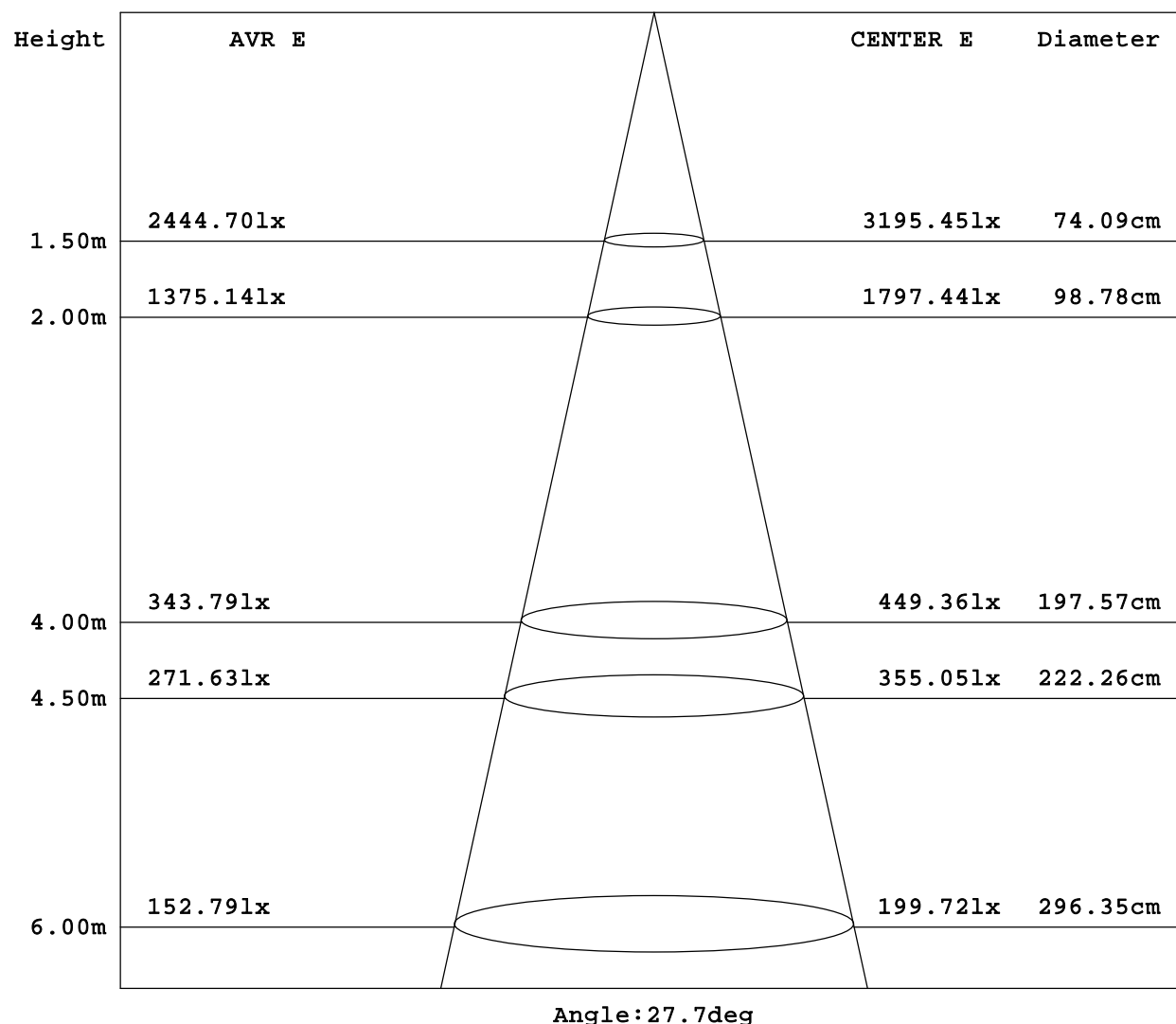
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

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

AVERAGE AND CENTER E Figure

Report number: EL-RP20210722-4

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 RGB 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 RGB ON

ZONAL FLUX DIAGRAM

Report number: EL-RP20210722-4

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 RGB ON	DIMENSION:	SERIAL No.: 01

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	6672	6436	6331	6160	4396	3779	3797	4411	0- 10	593.1	593.1
20.0	2343	2736	3214	3581	1359	942.4	942.5	1110	10- 20	977.9	1571
30.0	528.8	646.1	834.8	1048	295.2	191.2	161.6	244.9	20- 30	515.3	2086
40.0	127.6	134.6	161.0	179.1	67.58	57.53	49.21	61.11	30- 40	161.3	2248
50.0	40.70	42.24	47.16	40.32	25.53	26.43	19.32	30.01	40- 50	47.33	2295
60.0	23.29	20.73	17.79	20.48	16.25	12.16	4.352	14.27	50- 60	21.49	2317
70.0	11.52	6.464	4.544	8.448	7.488	2.624	1.216	2.752	60- 70	10.18	2327
80.0	4.736	1.536	1.344	1.664	1.728	1.280	0.768	1.280	70- 80	3.555	2330
90.0	1.600	1.152	1.088	1.152	0.832	1.088	0.768	1.152	80- 90	1.461	2332
100.0	1.792	1.472	0.960	1.408	1.088	1.216	0.960	1.216	90-100	1.282	2333
110.0	3.264	2.240	13.63	2.304	1.600	1.600	1.472	1.728	100-110	2.034	2335
120.0	8.256	5.568	1.344	5.696	3.200	3.008	3.008	3.712	110-120	3.250	2338
130.0	18.43	15.93	6.080	16.38	7.168	7.104	7.360	7.936	120-130	6.428	2345
140.0	33.72	33.21	13.88	33.40	12.48	13.76	14.59	14.01	130-140	12.20	2357
150.0	50.04	50.04	19.39	44.60	17.02	19.20	20.92	19.20	140-150	16.22	2373
160.0	58.75	52.28	38.08	33.15	19.20	20.99	22.46	20.99	150-160	14.45	2388
170.0	47.29	36.03	19.84	19.84	21.37	20.67	21.56	21.69	160-170	8.361	2396
180.0	28.99	24.06	17.21	18.30	28.73	23.93	22.71	27.84	170-180	2.357	2398
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: 18X10W Only RGB ON

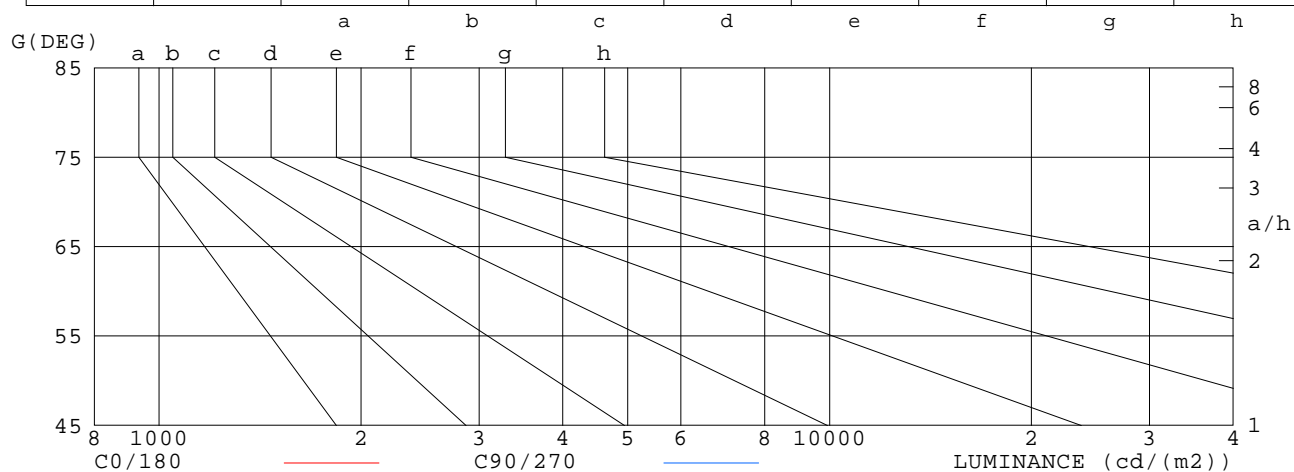
LUMINANCE LIMITATION CURVES

Report number: EL-RP20210722-4

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 RGB 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/m^2		
G (DEG)	C0/180	C90/270
85	250	140
80	273	77
75	317	69
70	337	133
65	397	198
60	466	356
55	508	522
50	633	734
45	871	1178

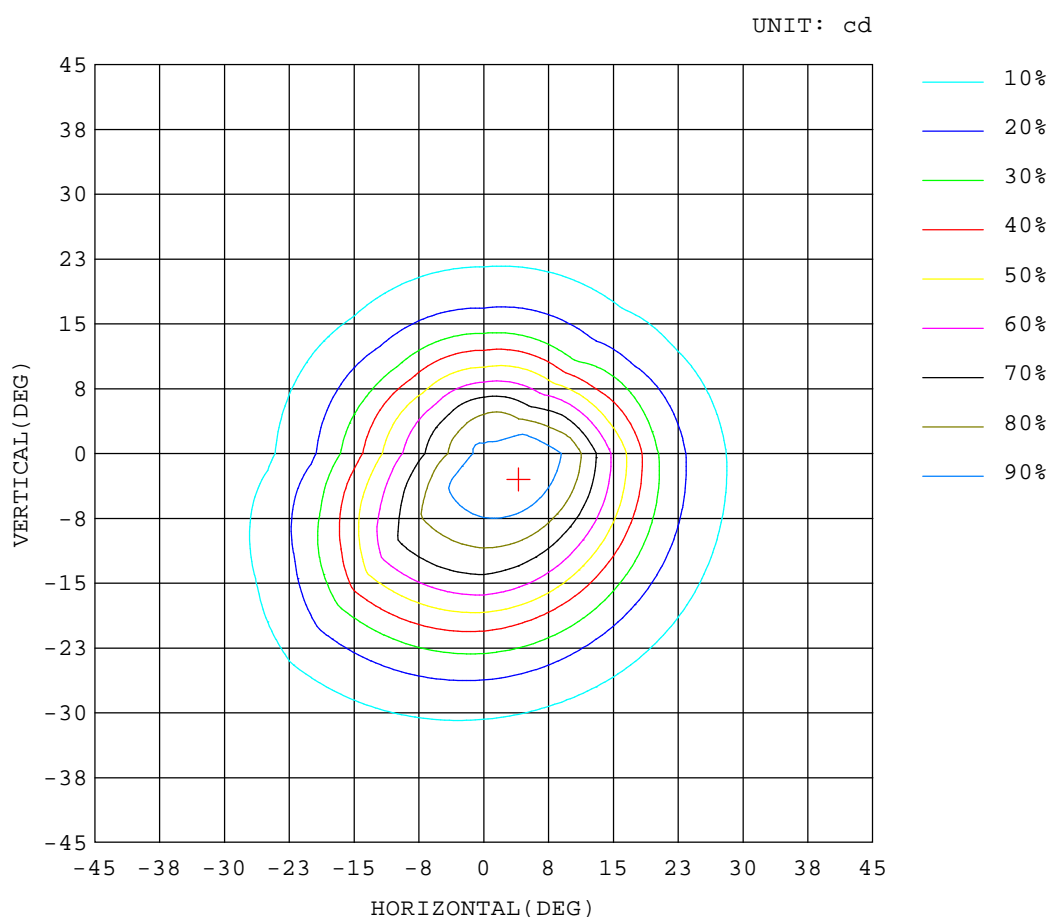
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
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 Humidity:65.0%
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ISOCANDELA DIAGRAM

Report number: EL-RP20210722-4

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 RGB ON	DIMENSION:	SERIAL No.: 01



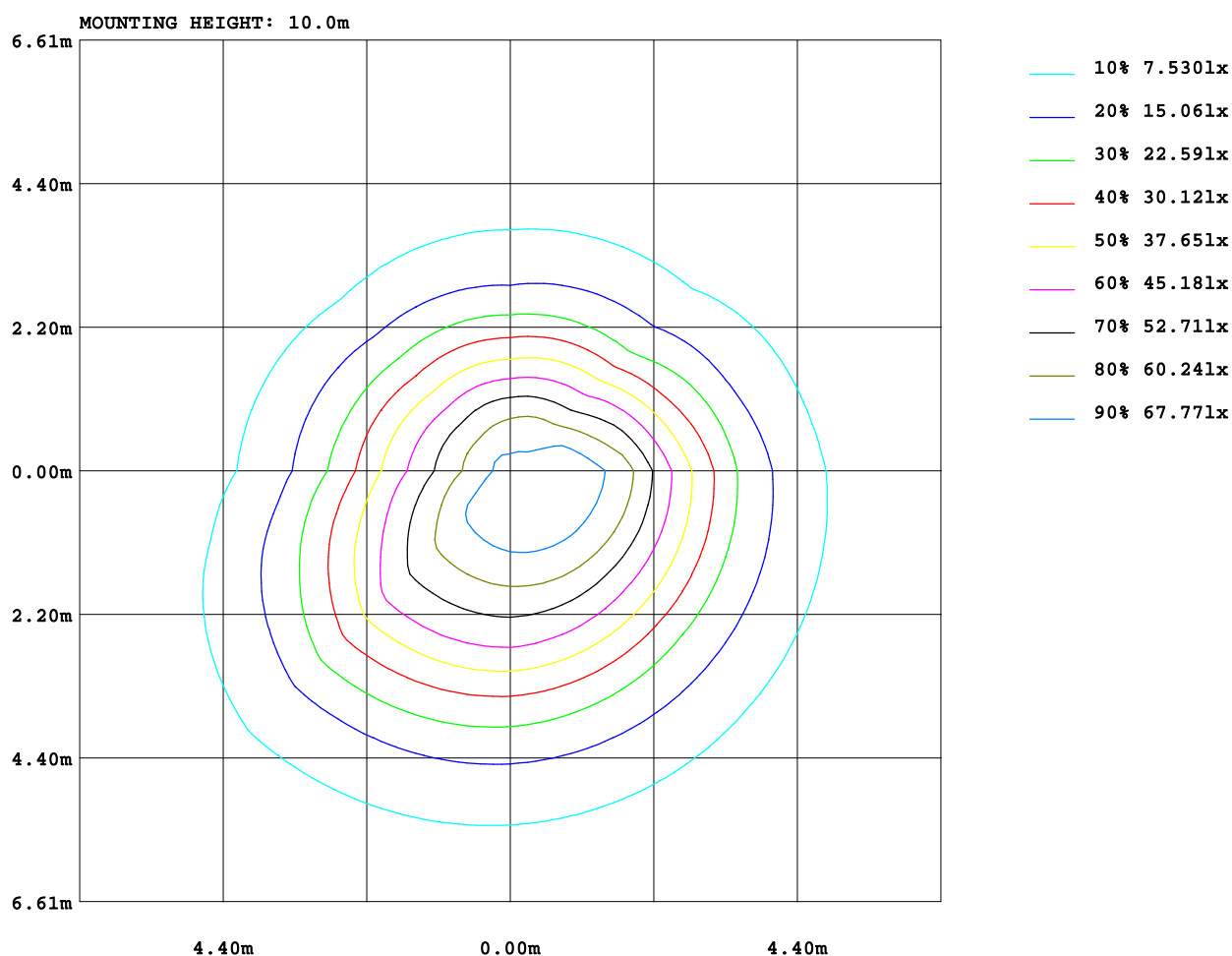
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:RD
Test Date:07-22-2021

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

Report number: EL-RP20210722-4

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 RGB 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 RGB ON

AREA LUMINOUS FLUX

Report number: EL-RP20210722-4

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 RGB ON	DIMENSION:	SERIAL No.: 01

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:1m			Φ t	Φ a
	0.09	0.13	0.15	0.18	0.22	0.25	0.28	0.30	0.31	0.31	0.31	0.29	0.26	0.23	0.20	0.18	0.15	0.12	3.97	0.00		
45																						
40	0.12	0.15	0.20	0.25	0.31	0.38	0.45	0.50	0.52	0.53	0.52	0.47	0.40	0.33	0.27	0.22	0.18	0.14	5.92	0.00		
35	0.14	0.18	0.25	0.35	0.46	0.61	0.77	0.90	0.95	0.98	0.97	0.85	0.68	0.51	0.37	0.29	0.23	0.17	9.65	0.00		
30	0.16	0.23	0.34	0.50	0.73	1.05	1.43	1.81	2.01	2.09	2.01	1.67	1.25	0.86	0.60	0.42	0.29	0.21	17.6	0.00		
25	0.18	0.29	0.47	0.76	1.21	1.94	2.95	4.10	4.87	5.03	4.51	3.48	2.43	1.58	1.02	0.65	0.40	0.25	36.1	5.79		
20	0.21	0.36	0.64	1.17	2.12	3.60	5.95	8.66	10.3	10.7	9.43	6.87	4.60	3.00	1.75	0.99	0.55	0.31	71.3	50.5		
15	0.25	0.45	0.88	1.76	3.46	6.45	10.8	16.2	20.6	21.5	17.9	12.8	8.75	5.22	2.79	1.44	0.74	0.38	133	117		
	0.27	0.54	1.13	2.43	5.14	10.2	17.8	27.0	35.1	37.0	31.8	23.7	15.0	8.19	4.06	1.94	0.94	0.45	223	210		
	0.29	0.60	1.32	2.98	6.56	13.6	24.3	36.2	46.6	50.6	47.4	36.2	21.8	11.1	5.20	2.37	1.10	0.51	309	297		
	0.32	0.71	1.66	3.85	8.54	17.3	29.5	42.2	52.4	56.6	52.7	40.3	24.4	12.2	5.65	2.53	1.15	0.53	353	341		
	0.35	0.82	2.03	4.76	10.3	20.1	33.0	44.4	50.4	51.7	46.5	35.2	21.5	11.1	5.23	2.36	1.08	0.50	342	330		
-15	0.34	0.81	2.04	4.77	10.1	19.4	31.1	39.0	42.7	42.4	36.9	27.0	16.6	8.86	4.25	1.98	0.94	0.45	290	278		
-20	0.30	0.70	1.74	4.07	8.46	15.4	22.8	28.2	31.2	30.3	25.2	18.2	11.3	6.23	3.10	1.51	0.75	0.38	210	197		
-25	0.26	0.55	1.29	2.94	6.01	9.93	13.7	17.1	18.8	18.0	15.0	10.8	6.90	3.85	2.04	1.08	0.57	0.32	129	114		
-30	0.22	0.39	0.84	1.86	3.48	5.44	7.43	9.10	9.85	9.39	7.85	5.74	3.76	2.21	1.28	0.73	0.42	0.26	70.3	48.7		
-35	0.18	0.29	0.52	0.99	1.73	2.64	3.57	4.30	4.59	4.36	3.70	2.80	1.92	1.25	0.79	0.50	0.32	0.21	34.7	2.39		
-40	0.15	0.22	0.34	0.52	0.83	1.18	1.58	1.88	2.00	1.92	1.68	1.35	1.00	0.72	0.50	0.35	0.24	0.17	16.6	0.00		
-45	0.13	0.17	0.23	0.32	0.44	0.58	0.74	0.86	0.92	0.91	0.83	0.70	0.56	0.44	0.33	0.25	0.19	0.14	8.73	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
Φ t	3.96	7.58	16.1	34.4	70.1	130	209	283	335	345	306	229	143	78.0	39.4	19.8	10.2	5.50	2398			
Φ a	0.00	0.00	0.00	5.69	50.4	115	194	270	322	332	291	214	127	59.1	12.4	0.00	0.00	0.00		2006		

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

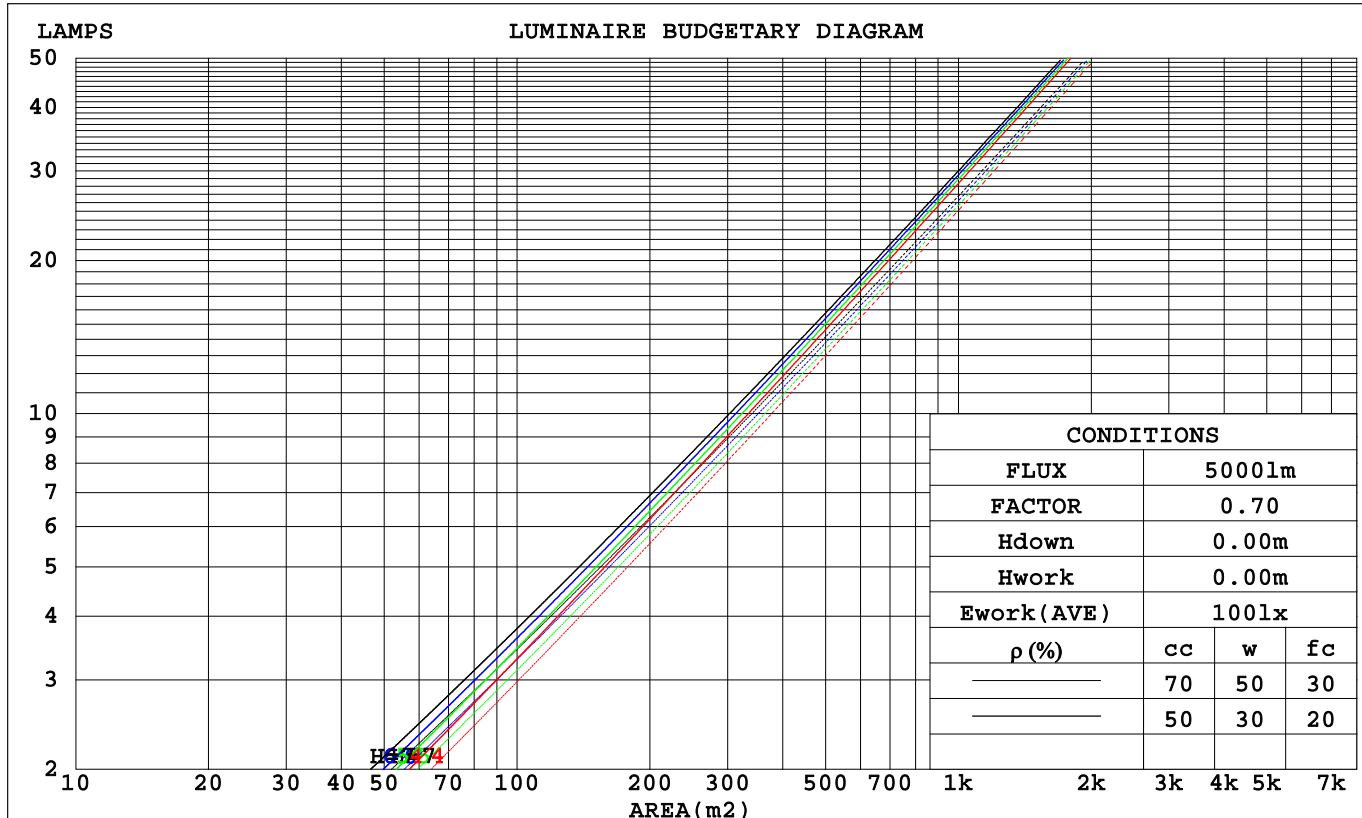
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 18X10W Only RGB ON

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: EL-RP20210722-4

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 RGB ON	DIMENSION:	SERIAL No.: 01

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	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.02	1.00	.99	.98	.96	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.90	.97	.95	.96	.94	.93	.93	.92	.90	.89
3.0	.90	.95	.92	.98	.94	.91	.95	.92	.90	.92	.90	.88	.90	.88	.86	.85
4.0	.95	.90	.87	.94	.89	.86	.91	.88	.85	.89	.86	.84	.87	.84	.82	.81
5.0	.90	.86	.82	.89	.85	.82	.87	.84	.81	.86	.82	.80	.84	.81	.79	.78
6.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.83	.78	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.78	.75	.73	.72
8.0	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.71	.76	.72	.70	.69
9.0	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.73	.70	.68	.66
10.0	.74	.69	.66	.73	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.64



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 RGB ON

WEC AND CCEC

Report number: EL-RP20210722-4

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NAME: LED WALL WASHER	TYPE: 18X10W RGBWY/UV	WEIGHT:
SPECIFICATION: 18X10W Only RGB 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	.155	.088	.028	.147	.084	.027	.133	.076	.024	.120	.069	.022	.108	.063	.020	
2.0	.145	.079	.024	.138	.076	.023	.127	.070	.022	.116	.065	.020	.106	.060	.019	
3.0	.136	.072	.022	.130	.070	.021	.120	.065	.020	.111	.061	.019	.102	.057	.018	
4.0	.128	.066	.020	.123	.064	.019	.115	.061	.018	.106	.057	.017	.099	.054	.016	
5.0	.121	.062	.018	.117	.060	.017	.109	.057	.017	.102	.054	.016	.096	.051	.015	
6.0	.115	.057	.016	.111	.056	.016	.104	.054	.016	.098	.051	.015	.092	.049	.014	
7.0	.109	.054	.015	.106	.053	.015	.100	.051	.015	.095	.048	.014	.089	.046	.014	
8.0	.104	.051	.014	.101	.050	.014	.096	.048	.014	.091	.046	.013	.086	.044	.013	
9.0	.100	.048	.013	.097	.047	.013	.092	.046	.013	.088	.044	.013	.084	.042	.012	
10.0	.095	.046	.013	.093	.045	.013	.089	.044	.012	.085	.042	.012	.081	.041	.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	.212	.212	.212	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.191	.179	.168	.163	.153	.145	.112	.106	.100	.064	.061	.058	.021	.020	.019	
2.0	.174	.154	.137	.149	.133	.119	.102	.092	.083	.059	.053	.049	.019	.017	.016	
3.0	.160	.135	.115	.137	.116	.100	.094	.081	.070	.054	.047	.041	.017	.015	.013	
4.0	.149	.120	.098	.128	.104	.085	.088	.072	.060	.051	.042	.035	.016	.014	.012	
5.0	.139	.108	.085	.119	.093	.074	.082	.065	.052	.048	.038	.031	.015	.013	.010	
6.0	.131	.098	.075	.112	.085	.066	.077	.060	.046	.045	.035	.028	.014	.011	.009	
7.0	.123	.090	.067	.106	.078	.059	.073	.055	.042	.043	.032	.025	.014	.011	.008	
8.0	.117	.084	.061	.101	.073	.053	.070	.051	.038	.041	.030	.022	.013	.010	.007	
9.0	.112	.078	.056	.096	.068	.049	.067	.048	.035	.039	.028	.021	.013	.009	.007	
10.0	.107	.074	.052	.092	.064	.045	.064	.045	.032	.037	.027	.019	.012	.009	.006	

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 RGB ON

Uncorrected UGR Table

Report number: EL-RP20210722-4

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 RGB 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	4.4	5.2	4.7	5.4	5.6	5.4	6.2	5.7	6.4	6.6
3H	4.6	5.3	4.9	5.6	5.8	5.3	6.0	5.6	6.2	6.5
4H	4.8	5.4	5.1	5.7	5.9	5.2	5.9	5.6	6.2	6.4
6H	4.8	5.4	5.1	5.7	6.0	5.2	5.8	5.5	6.1	6.4
8H	4.8	5.4	5.1	5.7	6.0	5.1	5.7	5.5	6.0	6.3
12H	4.8	5.4	5.1	5.7	6.0	5.1	5.7	5.4	6.0	6.3
4H 2H	4.4	5.0	4.7	5.3	5.6	5.3	6.0	5.6	6.2	6.5
3H	4.7	5.2	5.0	5.5	5.9	5.2	5.8	5.6	6.1	6.4
4H	4.8	5.3	5.2	5.6	6.0	5.1	5.7	5.5	6.0	6.4
6H	4.9	5.3	5.3	5.7	6.1	5.1	5.5	5.5	5.9	6.3
8H	4.9	5.3	5.3	5.7	6.1	5.0	5.4	5.5	5.8	6.3
12H	4.9	5.3	5.3	5.7	6.1	5.0	5.4	5.4	5.8	6.2
8H 4H	4.6	5.1	5.1	5.5	5.9	5.0	5.4	5.4	5.8	6.3
6H	4.8	5.1	5.2	5.6	6.0	4.9	5.3	5.4	5.7	6.2
8H	4.8	5.1	5.3	5.5	6.0	4.9	5.2	5.4	5.7	6.2
12H	4.8	5.1	5.3	5.6	6.1	4.9	5.1	5.4	5.6	6.2
12H 4H	4.6	5.0	5.0	5.4	5.8	5.0	5.4	5.4	5.8	6.2
6H	4.7	5.0	5.2	5.5	6.0	4.9	5.2	5.4	5.7	6.1
8H	4.7	5.0	5.2	5.5	6.0	4.8	5.1	5.4	5.6	6.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 1.9					+ 2.5 / - 3.8				
1.5H	+ 3.0 / - 1.7					+ 4.1 / - 3.1				
2.0H	+ 2.0 / - 1.2					+ 4.2 / - 3.9				

CIE Pub.117 Corrected 2398 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.0)

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 RGB ON

UTILIZATION FACTORS TABLE

Report number: EL-RP20210722-4

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 RGB 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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	81	78	86	81	78	74
0.80	95	89	86	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	105	101	98	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	112	110	109	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

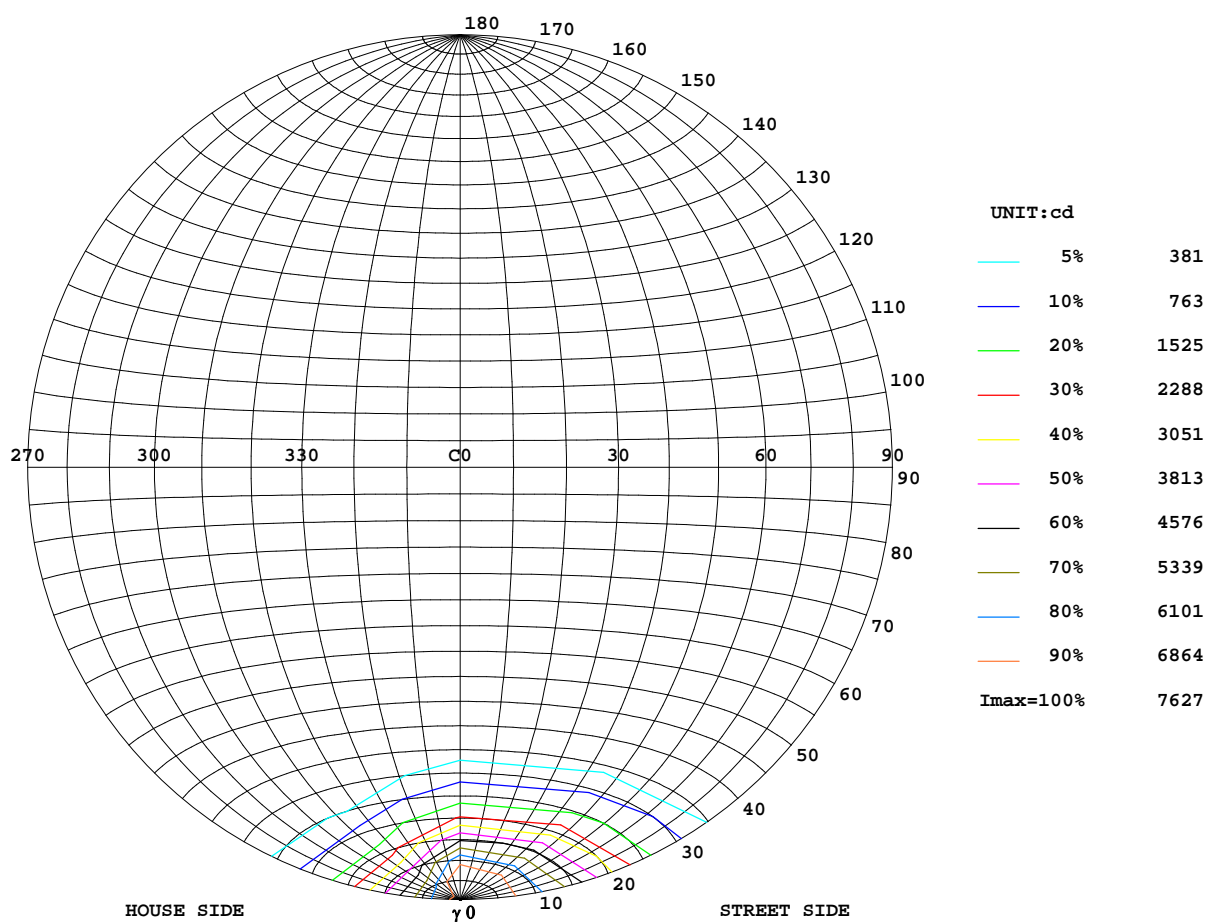
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

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

ISOCANDELA DIAGRAM

Report number: EL-RP20210722-4

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 RGB ON	DIMENSION:	SERIAL No.: 01



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

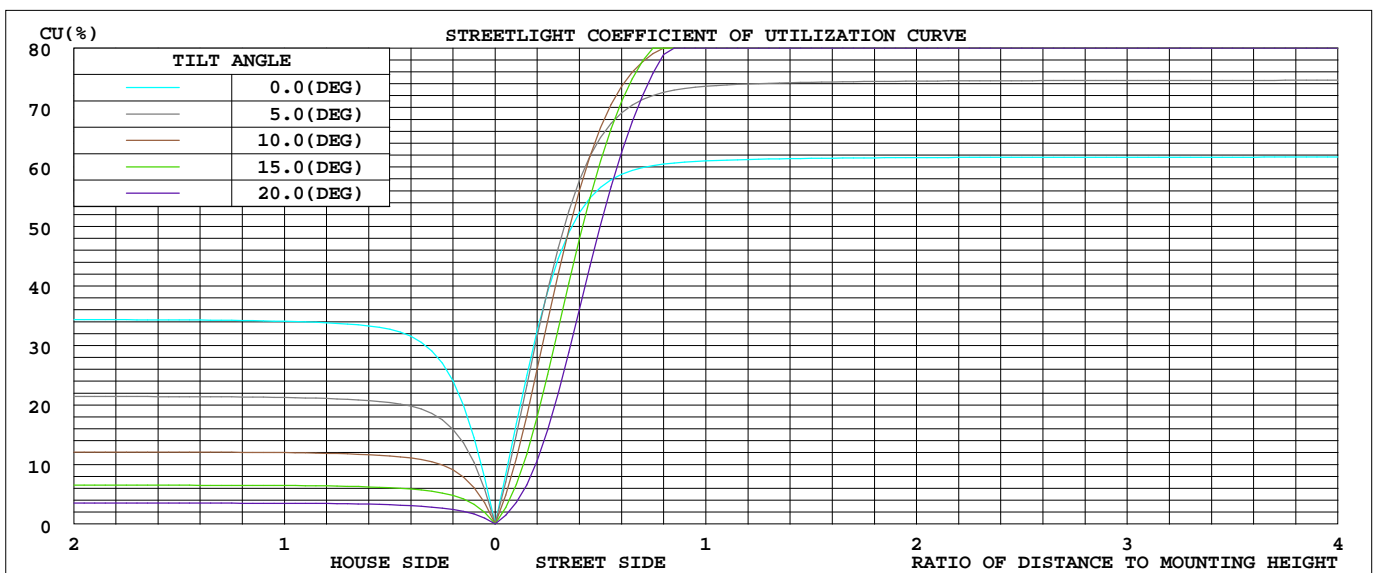
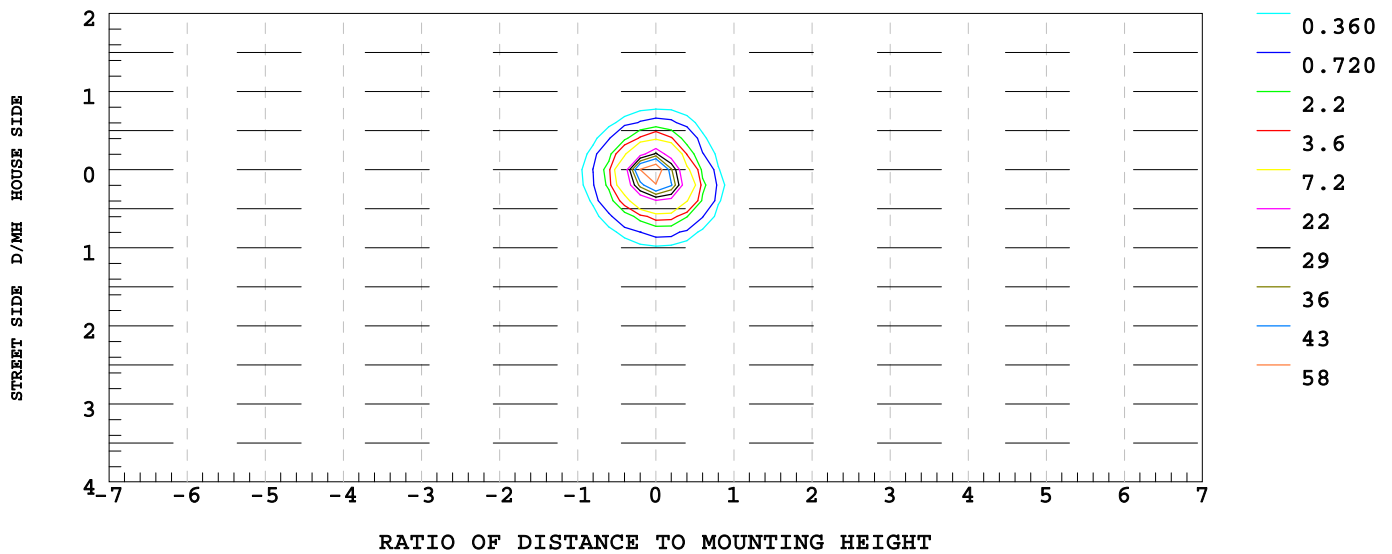
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 18X10W Only RGB ON

ISOLUX DIAGRAM

Report number: EL-RP20210722-4

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 RGB ON	DIMENSION:	SERIAL No.: 01

ILLUMINANCE AT MH=10 m, Enadir = 71.90 lx



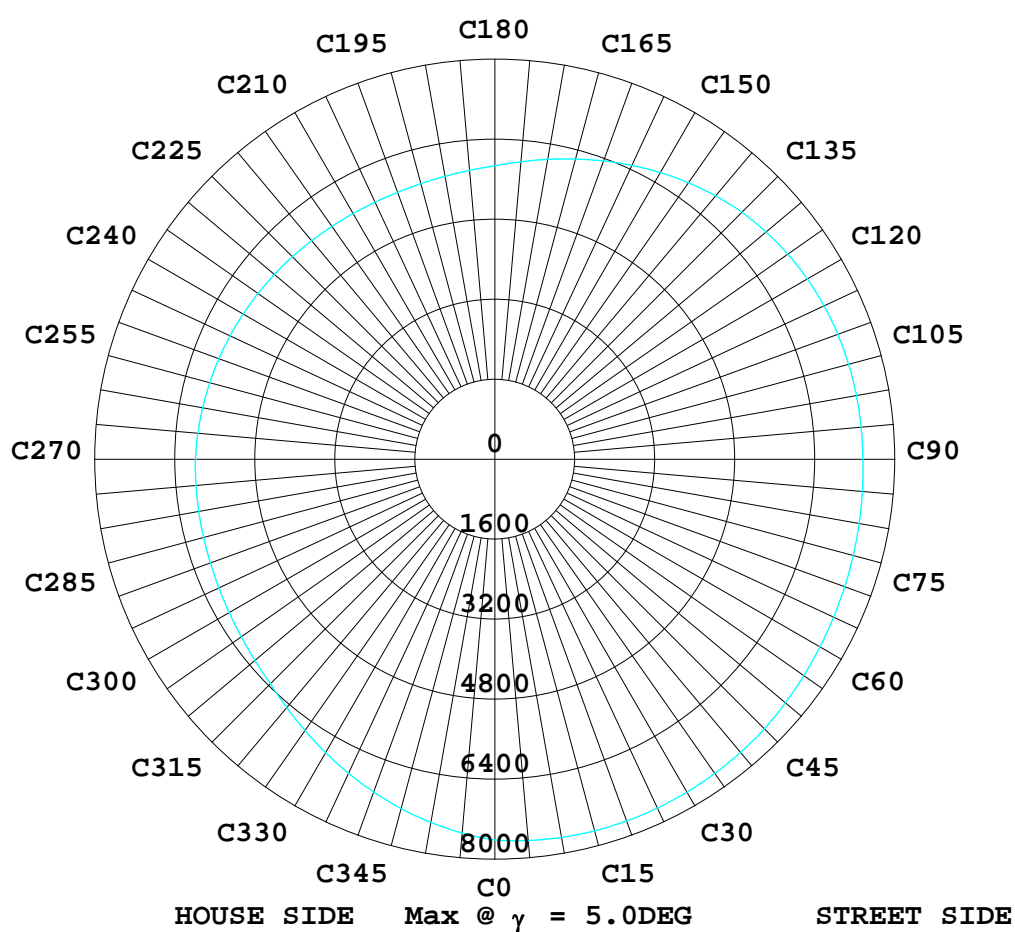
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:RD
 Test Date:07-22-2021

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

ISOCANDELA DIAGRAM

Report number: EL-RP20210722-4

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 RGB 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 RGB ON

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: EL-RP20210722-4

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 RGB ON	DIMENSION:	SERIAL No.: 01

UNIT: cd

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315
0.0	7190	7297	7127	7169	7190	7297	7127	7169
5.0	7615	7627	7360	6990	5871	5731	5989	6352
10.0	6672	6436	6331	6160	4396	3779	3797	4411
15.0	4451	4675	5091	5164	2715	1974	1852	2267
20.0	2343	2736	3214	3581	1359	942	943	1110
25.0	1133	1419	1746	2034	638	420	372	536
30.0	529	646	835	1048	295	191	162	245
35.0	257	285	362	472	136	97.7	88.5	115
40.0	128	135	161	179	67.5	57.5	49.2	61.1
45.0	61.5	71.3	83.2	72.4	37.8	36.8	31.6	40.4
50.0	40.7	42.2	47.1	40.3	25.5	26.4	19.3	30.0
55.0	29.1	28.1	29.9	26.9	20.2	19.5	8.38	22.5
60.0	23.2	20.7	17.7	20.4	16.2	12.1	4.35	14.2
65.0	16.7	14.4	8.38	15.3	10.7	4.80	2.24	5.05
70.0	11.5	6.46	4.54	8.44	7.48	2.62	1.21	2.75
75.0	8.19	2.68	1.79	3.13	4.28	1.60	0.96	1.60
80.0	4.73	1.53	1.34	1.66	1.72	1.28	0.77	1.28
85.0	2.17	1.28	1.21	1.28	0.90	1.15	0.70	1.15
90.0	1.60	1.15	1.08	1.15	0.83	1.08	0.77	1.15
95.0	1.60	1.28	1.08	1.28	0.90	1.15	0.90	1.15
100.0	1.79	1.47	0.96	1.40	1.08	1.21	0.96	1.21
105.0	2.24	1.72	1.08	1.72	1.28	1.28	1.15	1.40
110.0	3.26	2.24	13.6	2.30	1.60	1.60	1.47	1.72
115.0	5.18	3.32	1.02	3.39	2.17	2.04	1.98	2.49
120.0	8.25	5.56	1.34	5.69	3.20	3.00	3.00	3.71
125.0	12.6	9.53	3.45	9.85	4.92	4.67	4.73	5.56
130.0	18.4	15.9	6.08	16.3	7.16	7.10	7.36	7.93
135.0	25.7	24.2	9.79	24.6	9.85	10.3	10.8	10.8
140.0	33.7	33.2	13.8	33.4	12.4	13.7	14.5	14.0
145.0	42.1	42.3	17.3	42.0	14.9	16.8	18.1	16.8
150.0	50.0	50.0	19.3	44.6	17.0	19.2	20.9	19.2
155.0	56.2	54.2	16.5	38.8	18.3	20.6	22.2	20.5
160.0	58.7	52.2	38.0	33.1	19.2	20.9	22.4	20.9
165.0	55.5	45.0	28.6	17.2	19.9	20.7	21.8	21.1
170.0	47.2	36.0	19.8	19.8	21.3	20.6	21.5	21.6
175.0	37.0	28.4	15.3	18.8	24.1	21.5	21.8	23.7
180.0	28.9	24.0	17.2	18.3	28.7	23.9	22.7	27.8

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