

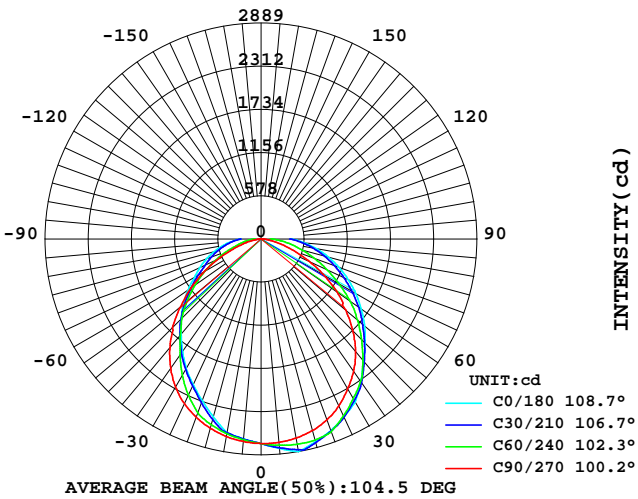
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

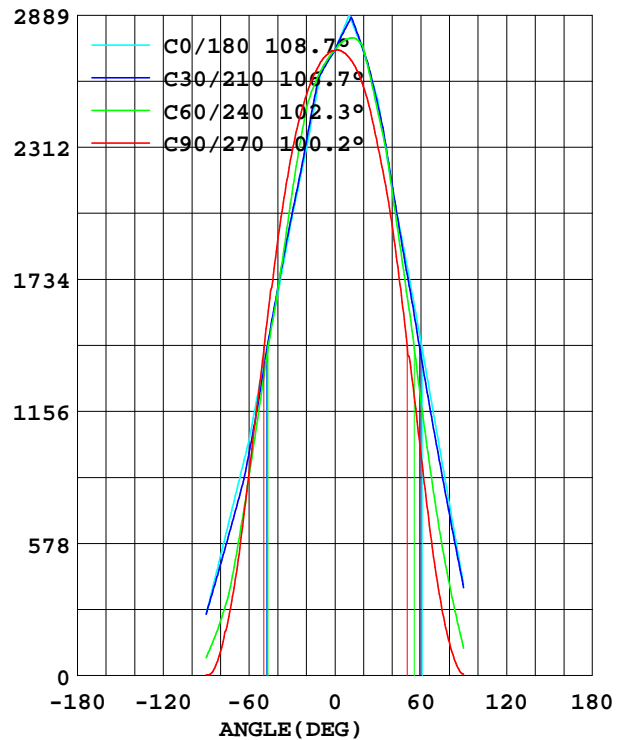
MANUFACTURER:	Address:		
NAME: 22996	TYPE:General light W Connector	LIGHT BOX	
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001	

DATA OF LAMP		I <sub>max</sub> (cd)	2889	S/MH(C0/180)	1.10
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	7766.6	Voltage(V)	220.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	128.3	Current(A)	0.279
NOMINAL FLUX(lm)	7766.7	η up(%)	0.0	Power(W)	60.52
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.981
TEST VOLTAGE(V)	220.5	Effective Flux(lm)	7666.4	EEI	0.108

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



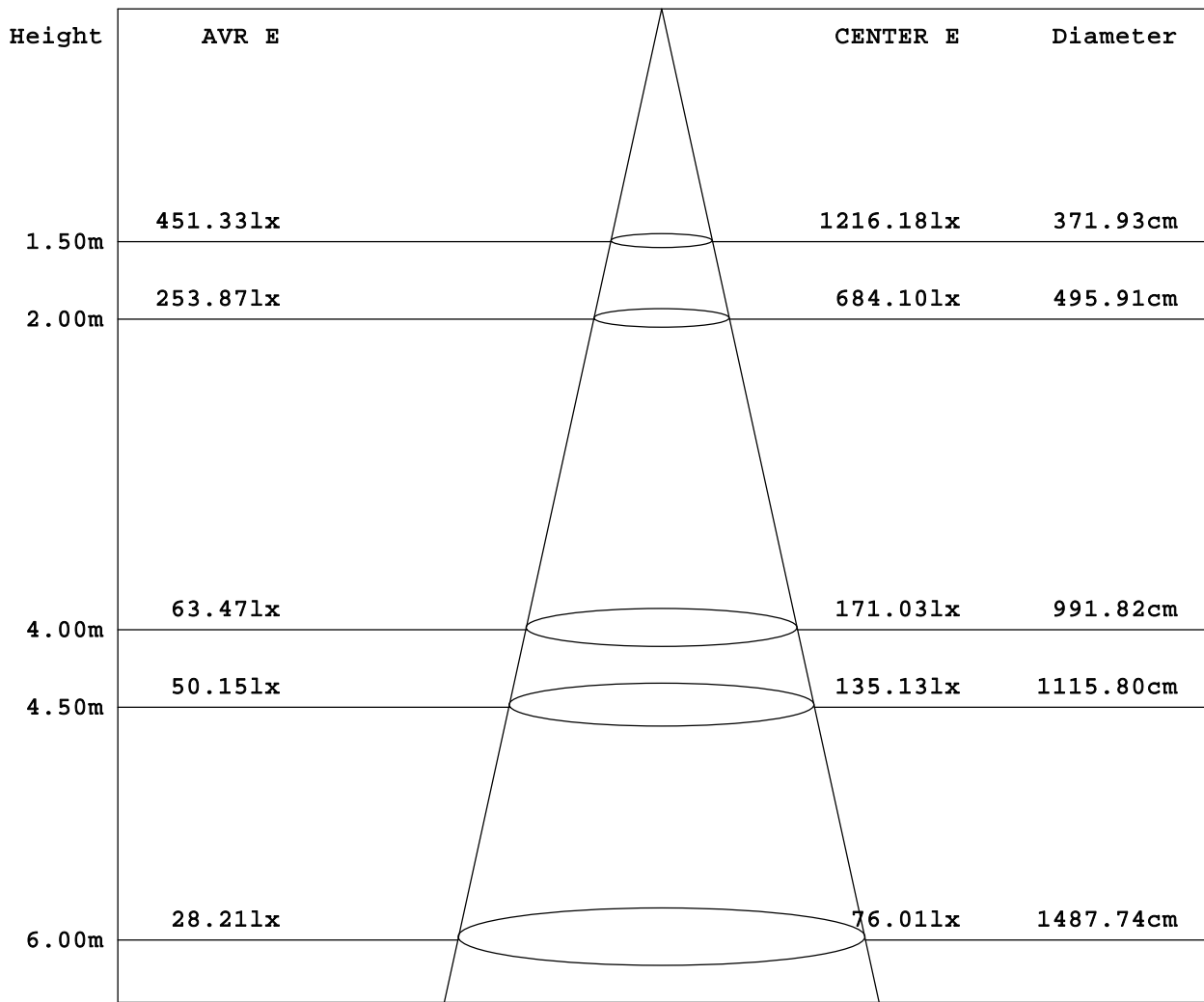
Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector Box	WEIGHT
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001



Angle:102.2deg

Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector	HEIGHT Box
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2685	2691	2719	2781	2813	2789	2731	2697	0- 5	65.48	65.48
10.0	2634	2636	2684	2813	2889	2830	2704	2643	5- 10	195.6	261.1
15.0	2467	2554	2624	2814	2810	2835	2654	2564	10- 15	320.0	581.1
20.0	2301	2391	2538	2709	2731	2735	2576	2409	15- 20	429.6	1011
25.0	2152	2212	2429	2593	2625	2631	2464	2240	20- 25	521.9	1533
30.0	2003	2037	2289	2452	2520	2495	2315	2067	25- 30	594.3	2127
35.0	1834	1868	2110	2293	2326	2324	2162	1895	30- 35	644.1	2771
40.0	1665	1695	1898	2115	2131	2134	1970	1720	35- 40	668.5	3440
45.0	1513	1503	1683	1902	1970	1933	1734	1536	40- 45	670.3	4110
50.0	1360	1311	1407	1694	1809	1734	1482	1356	45- 50	652.9	4763
55.0	1195	1111	1146	1488	1637	1512	1245	1148	50- 55	613.7	5377
60.0	1030	924.1	889.3	1262	1465	1283	974.3	951.2	55- 60	555.9	5933
65.0	902.7	743.2	626.6	1058	1287	1087	714.8	778.4	60- 65	486.0	6419
70.0	775.8	591.2	400.7	870.8	1109	903.4	474.4	630.4	65- 70	411.8	6831
75.0	648.9	478.0	230.9	702.8	931.1	728.2	284.3	510.0	70- 75	336.9	7168
80.0	522.0	372.3	103.2	546.4	753.1	565.8	144.7	398.3	75- 80	265.0	7433
85.0	395.1	273.0	20.77	399.2	575.0	411.4	47.08	292.2	80- 85	197.7	7631
90.0	268.2	177.7	4.018	258.1	396.9	263.8	6.468	191.1	85- 90	135.8	7767
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

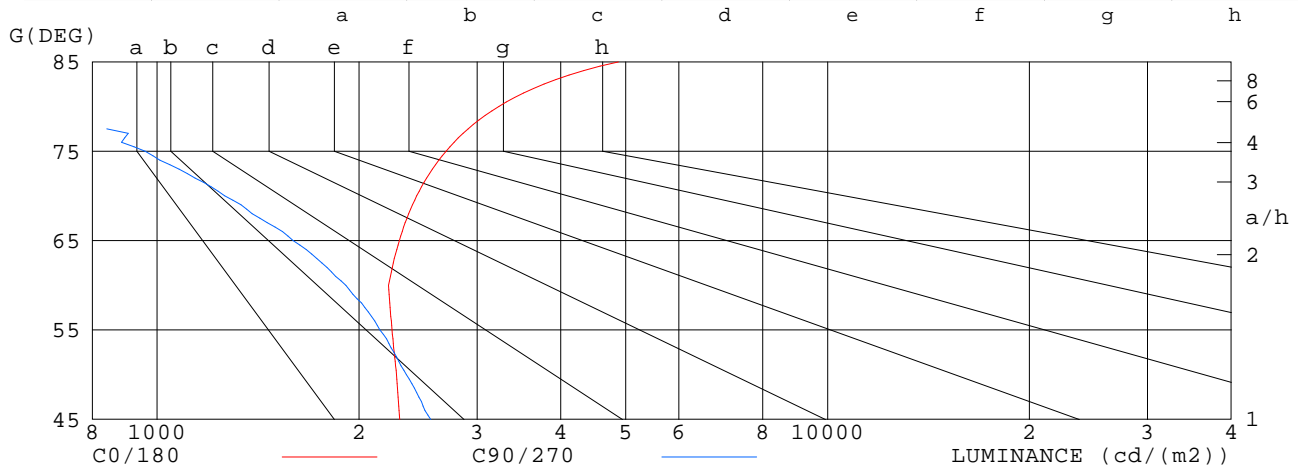
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector Box	WEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
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



G (DEG)	LUMINANCE cd/(m2)	
	C0/180	C90/270
85	4875	256
80	3233	640
75	2696	959
70	2439	1260
65	2297	1594
60	2214	1913
55	2240	2149
50	2276	2354
45	2300	2559

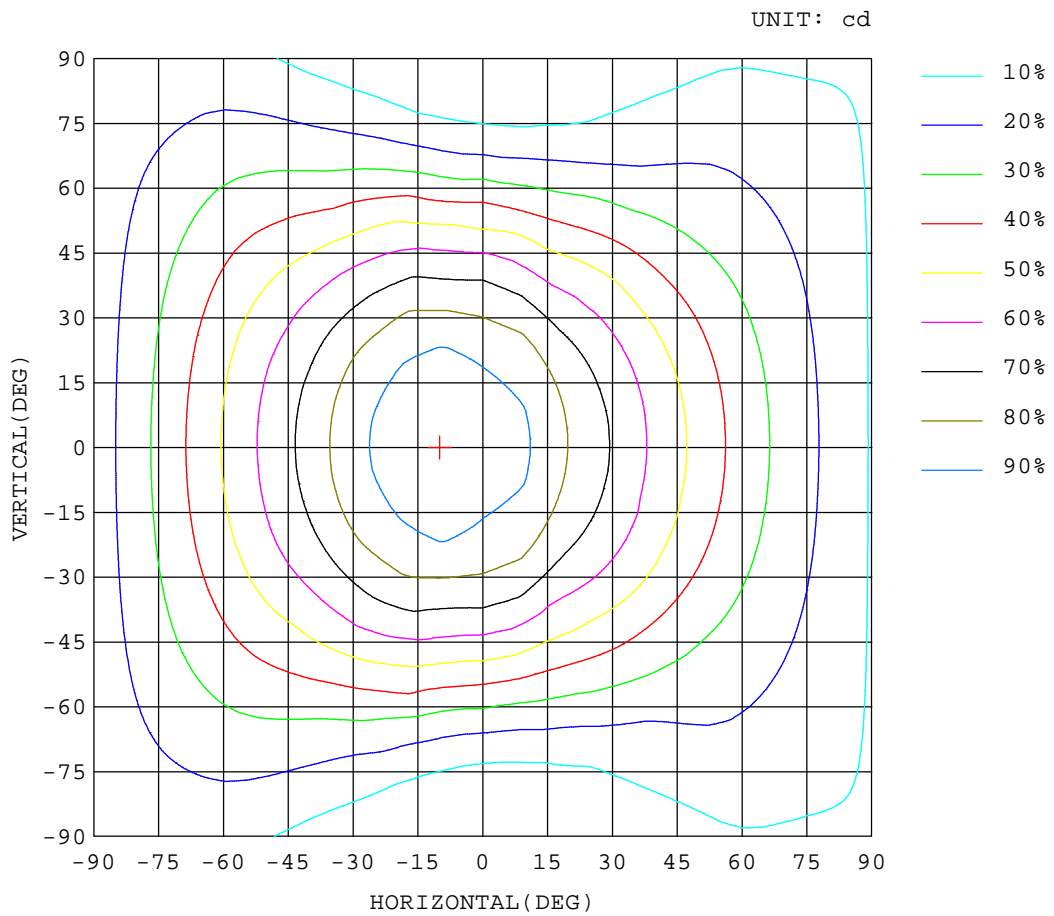
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector Box	HEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001



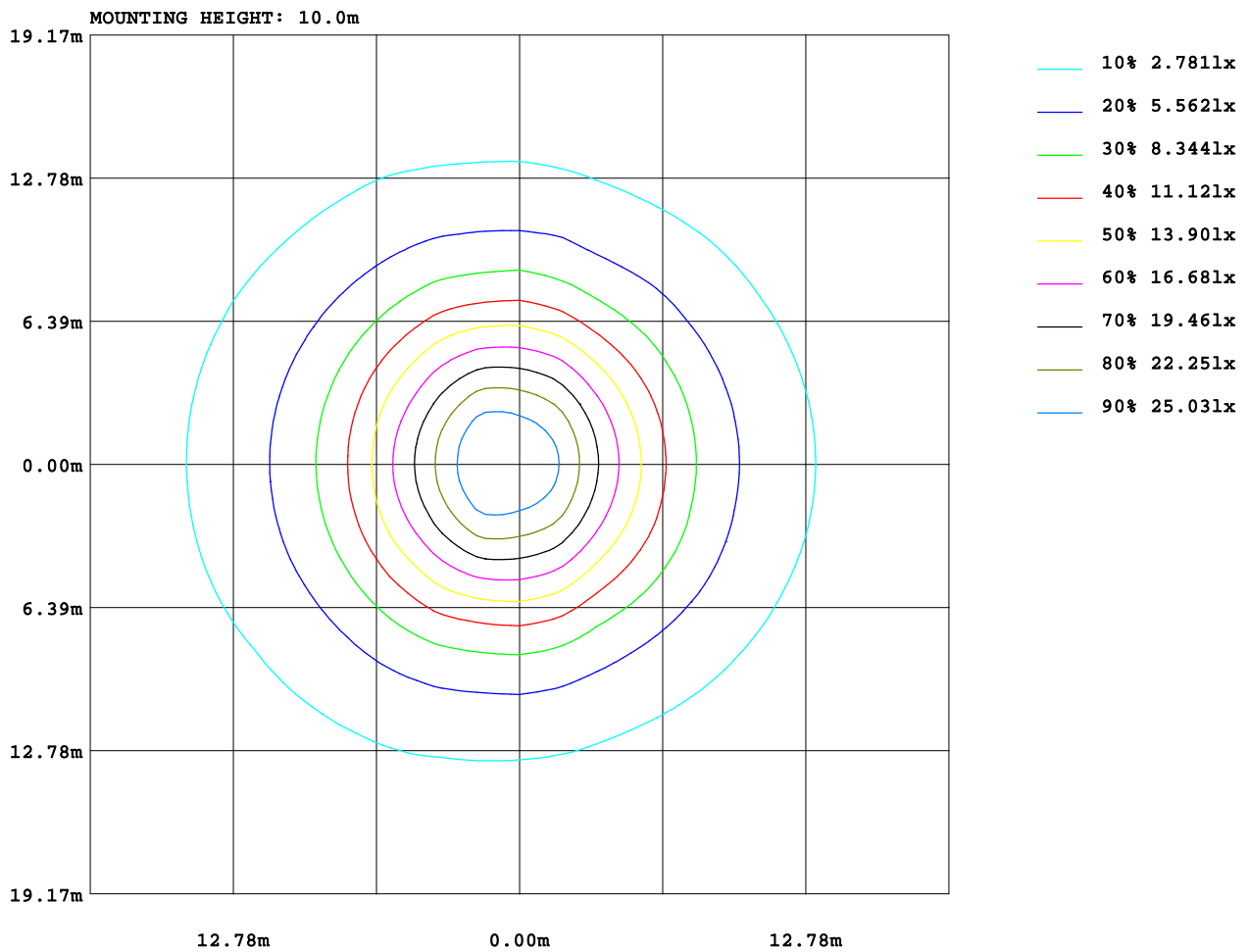
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector Box	HEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector Box	HEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	1.10	3.43	5.92	7.68	7.90	7.03	5.41	3.43	2.06	1.58	2.24	3.58	4.87	5.64	5.44	4.00	2.29	0.74	74.4	41.2	
90	1.10	3.43	5.92	7.68	7.90	7.03	5.41	3.43	2.06	1.58	2.24	3.58	4.87	5.64	5.44	4.00	2.29	0.74	74.4	41.2	
80	1.20	4.16	7.75	10.9	12.7	13.3	13.0	11.1	9.54	8.49	8.25	8.59	9.18	8.99	7.68	5.27	2.81	0.82	144	129	
70	1.31	4.87	9.56	14.3	18.1	20.8	23.1	23.4	22.0	20.7	18.8	16.7	14.6	12.6	10.0	6.52	3.32	0.89	242	242	
60	1.40	5.53	11.3	17.7	23.7	29.2	35.0	37.9	37.8	35.9	31.4	26.8	21.5	16.7	12.3	7.74	3.79	0.96	357	357	
50	1.49	6.13	12.9	21.0	29.4	38.0	46.4	51.9	52.9	50.7	43.7	36.8	29.0	21.1	14.5	8.89	4.22	1.02	471	471	
40	1.56	6.64	14.3	23.9	34.5	45.6	56.2	64.0	65.6	63.0	54.5	45.5	35.4	25.3	16.7	9.92	4.60	1.07	569	569	
30	1.61	7.04	15.4	26.2	38.4	51.5	64.2	73.5	75.8	72.5	63.6	52.2	40.4	28.8	18.6	10.7	4.89	1.11	647	647	
20	1.65	7.31	16.2	27.8	41.0	55.6	69.6	79.6	82.3	78.4	69.5	56.8	43.8	31.2	20.1	11.3	5.09	1.14	699	699	
10	1.67	7.45	16.6	28.5	42.3	57.7	72.1	82.2	84.9	81.0	72.1	59.0	45.5	32.4	20.8	11.6	5.19	1.15	723	723	
0	1.67	7.45	16.5	28.5	42.2	57.6	71.9	81.9	84.6	80.8	71.9	58.9	45.4	32.3	20.8	11.6	5.19	1.15	721	721	
-10	1.65	7.29	16.1	27.6	40.7	55.2	69.0	78.7	81.5	77.8	68.9	56.4	43.7	31.1	19.9	11.2	5.07	1.14	694	694	
-20	1.61	7.01	15.3	25.9	37.9	50.8	63.4	72.1	74.6	71.7	62.7	51.5	40.3	28.6	18.4	10.6	4.86	1.11	639	639	
-30	1.56	6.61	14.1	23.5	33.7	44.7	55.4	62.3	63.9	61.8	53.3	44.3	34.8	24.9	16.4	9.79	4.56	1.07	557	557	
-40	1.49	6.10	12.7	20.6	28.7	37.2	45.2	49.9	50.6	48.7	42.3	35.4	28.0	20.6	14.2	8.76	4.18	1.01	456	456	
-50	1.40	5.51	11.1	17.3	23.1	28.4	33.4	35.9	35.3	33.5	29.7	25.4	20.7	16.0	12.0	7.64	3.76	0.96	342	342	
-60	1.31	4.86	9.40	14.0	17.5	19.9	21.7	21.4	19.8	18.5	17.2	15.5	13.6	11.9	9.75	6.46	3.29	0.89	227	227	
-70	1.21	4.17	7.62	10.6	12.3	12.6	11.9	9.91	7.99	7.06	7.13	7.64	8.38	8.43	7.47	5.26	2.80	0.82	134	114	
-80	1.10	3.45	5.82	7.50	7.67	6.64	4.96	2.92	1.50	1.12	1.79	3.10	4.39	5.25	5.30	4.04	2.30	0.74	69.6	37.8	
-90	1.10	3.45	5.82	7.50	7.67	6.64	4.96	2.92	1.50	1.12	1.79	3.10	4.39	5.25	5.30	4.04	2.30	0.74	69.6	37.8	
	Φ t	26.0	105	219	354	493	633	762	843	853	814	720	605	484	363	251	152	72.3	17.8	7767	
	Φ a	26.0	105	219	354	491	626	753	832	843	804	708	592	473	355	248	150	70.3	16.3		7666

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

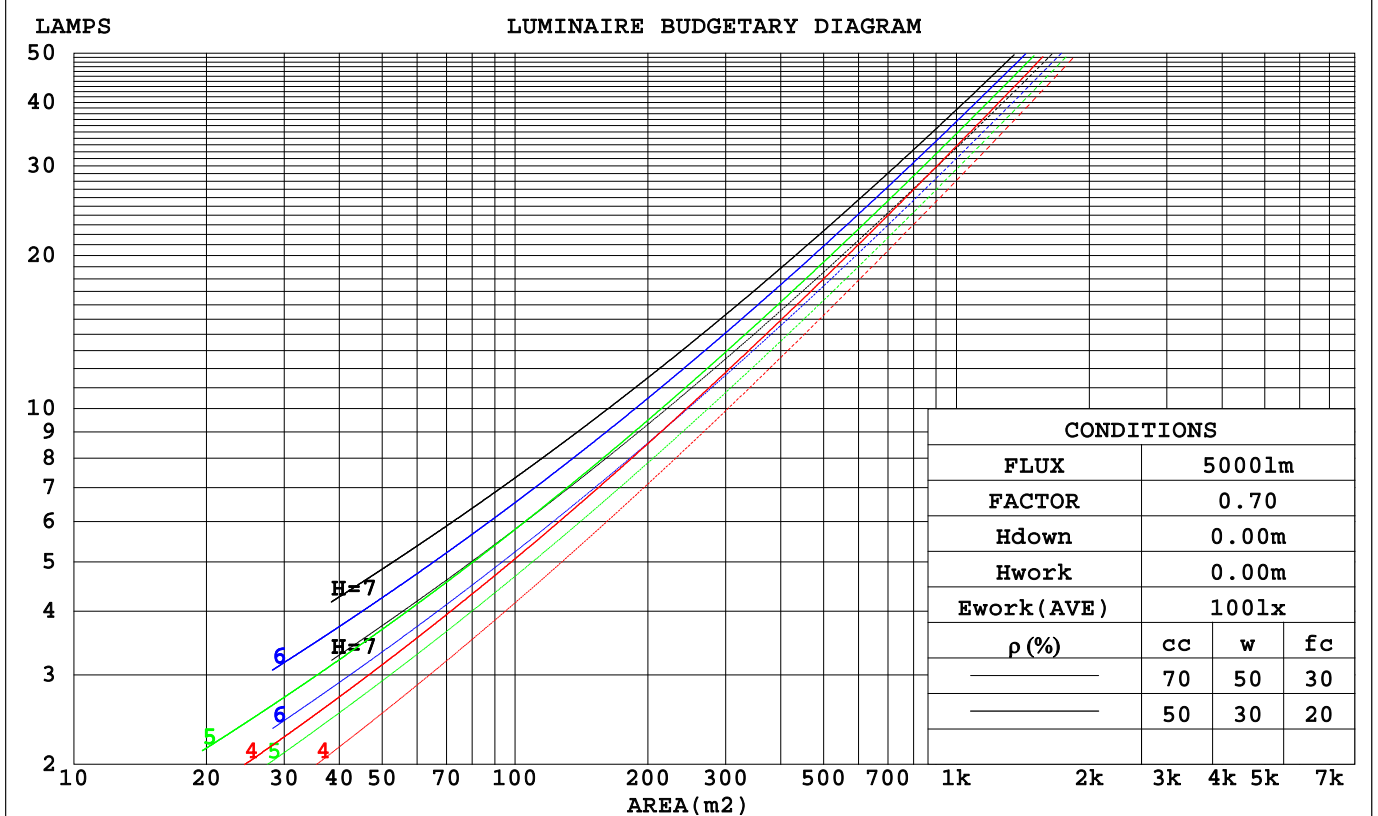
Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		Address:			
NAME: 22996		TYPE:General light W Connector		LIGHT BOX	
SPECIFICATION:		DIMENSION: 1500mm		SERIAL No.:201703016001	

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.03	.98	.94	1.00	.96	.92	.96	.92	.89	.92	.89	.86	.88	.86	.84	.82
2.0	.89	.82	.76	.87	.81	.75	.84	.78	.73	.80	.76	.72	.77	.73	.70	.68
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.54	.68	.60	.53	.66	.58	.52	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED



WEC AND CCEC

Report number:

MANUFACTURER:	Address:					
NAME: 22996	TYPE:General light W Connector Box			WEIGHT		
SPECIFICATION:	DIMENSION: 1500mm			SERIAL No.:201703016001		

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.335	.191	.060	.328	.187	.059	.315	.180	.058	.302	.174	.056	.291	.169	.054	
2.0	.304	.167	.051	.298	.164	.051	.286	.159	.049	.275	.154	.048	.265	.150	.047	
3.0	.277	.147	.044	.271	.145	.044	.261	.141	.043	.251	.138	.042	.242	.134	.042	
4.0	.253	.132	.039	.248	.130	.038	.239	.127	.038	.231	.124	.037	.223	.121	.037	
5.0	.233	.119	.034	.229	.117	.034	.220	.115	.034	.213	.112	.033	.206	.110	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.105	.030	.197	.103	.030	.191	.101	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.186	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.084	.024	.172	.084	.023	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.021	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.182	.156	.132	.156	.134	.114	.107	.092	.079	.061	.053	.046	.020	.017	.015	
2.0	.174	.132	.097	.149	.113	.083	.102	.079	.058	.059	.046	.034	.019	.015	.011	
3.0	.166	.114	.073	.142	.099	.064	.098	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.135	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

Uncorrected UGR Table

Report number:

MANUFACTURER:	Address:			
NAME: 22996	TYPE:General light W Connector Box		WEIGHT	
SPECIFICATION:	DIMENSION: 1500mm		SERIAL No.:201703016001	

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	15.1	16.6	15.3	16.8	17.0	14.4	16.0	14.7	16.2	16.4
3H	17.0	18.5	17.3	18.7	18.9	15.3	16.7	15.6	17.0	17.2
4H	18.1	19.4	18.4	19.7	19.9	15.5	16.9	15.8	17.1	17.4
6H	19.1	20.4	19.5	20.7	21.0	15.6	16.9	15.9	17.1	17.4
8H	19.7	20.9	20.0	21.2	21.5	15.6	16.8	15.9	17.1	17.4
12H	20.3	21.5	20.6	21.8	22.1	15.5	16.7	15.9	17.0	17.3
4H 2H	15.5	16.9	15.9	17.2	17.4	15.0	16.4	15.3	16.6	16.9
3H	17.8	19.0	18.1	19.3	19.6	16.1	17.3	16.5	17.6	17.9
4H	19.0	20.1	19.4	20.4	20.8	16.5	17.6	16.8	17.9	18.2
6H	20.3	21.3	20.7	21.6	22.0	16.6	17.6	17.0	18.0	18.3
8H	21.0	21.9	21.4	22.3	22.6	16.6	17.5	17.0	17.9	18.3
12H	21.7	22.5	22.1	22.9	23.3	16.6	17.5	17.0	17.8	18.2
8H 4H	19.3	20.2	19.7	20.6	21.0	17.1	18.0	17.5	18.4	18.7
6H	20.9	21.6	21.3	22.0	22.5	17.5	18.2	17.9	18.6	19.1
8H	21.7	22.4	22.2	22.8	23.3	17.6	18.3	18.0	18.7	19.1
12H	22.7	23.3	23.2	23.7	24.2	17.6	18.2	18.1	18.7	19.1
12H 4H	19.3	20.1	19.7	20.5	20.9	17.3	18.1	17.7	18.5	18.9
6H	20.9	21.6	21.4	22.1	22.5	17.8	18.5	18.3	18.9	19.4
8H	21.9	22.5	22.4	23.0	23.4	18.1	18.6	18.5	19.1	19.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.1 / - 0.3					+ 0.4 / - 0.3				

CIE Pub.117 Corrected 7767 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.1)

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME: 22996	TYPE:General light W Connector	WEIGHT Box	
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001	

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	57	46	39	57	46	39	56	45	39	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	75	64	57	74	64	56	72	65	56	49
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	69	82	74	68	61
2.00	94	85	78	92	84	78	89	82	76	68
2.50	98	90	83	96	88	82	92	86	81	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	102	98	105	100	96	101	97	93	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

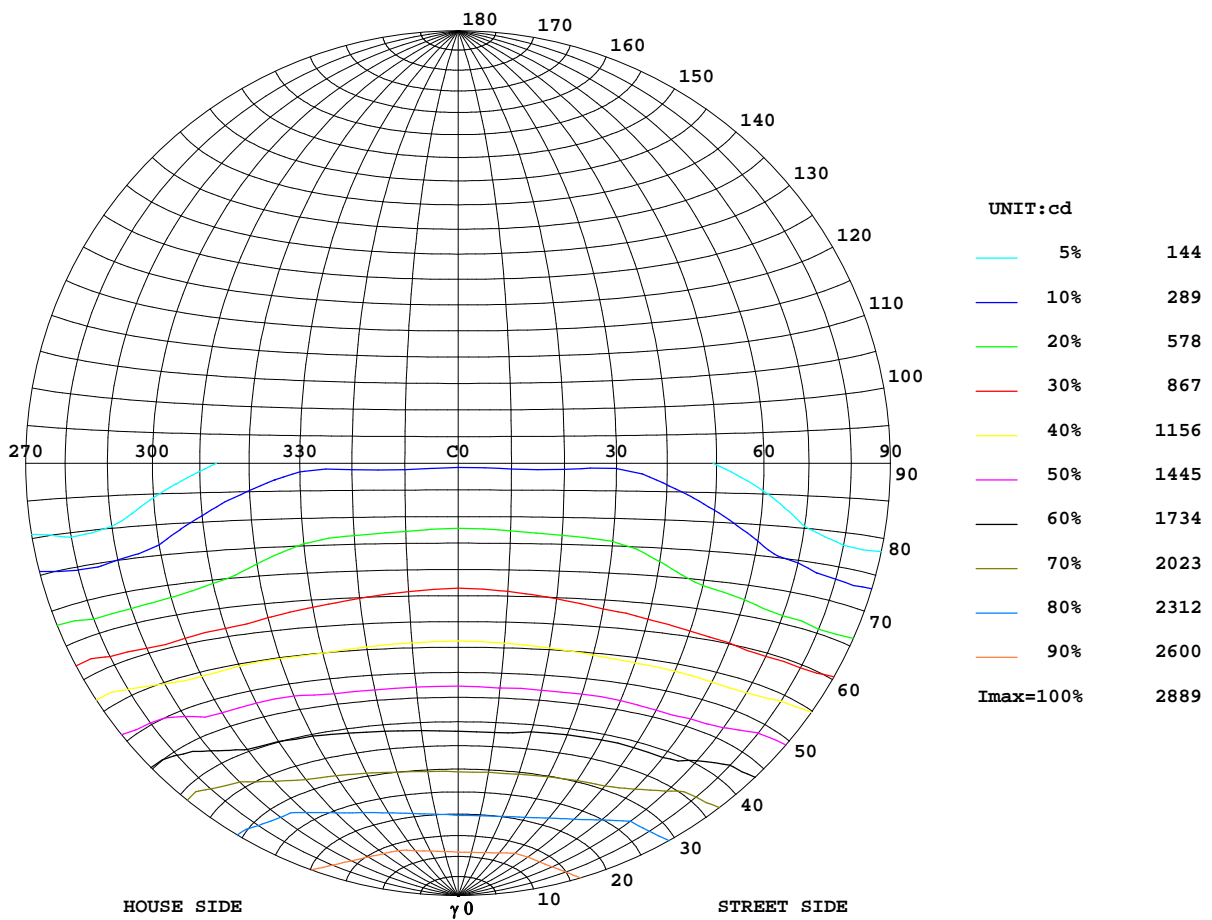
Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector	Light Box
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

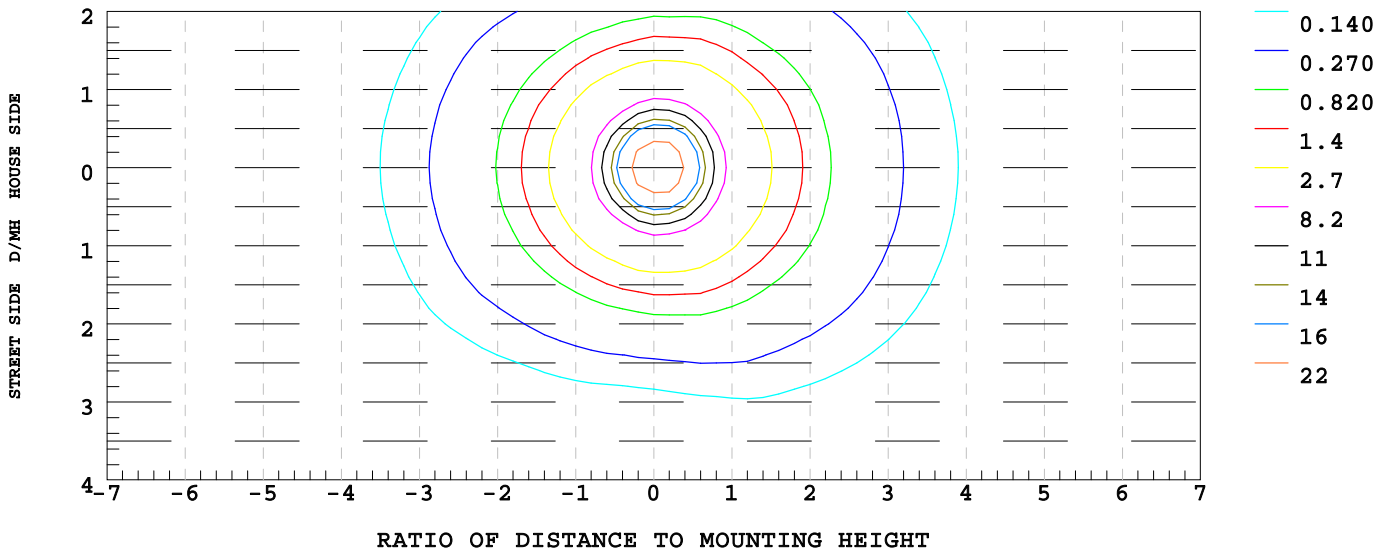
Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector Box	HEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001

ILLUMINANCE AT MH=10 m, Enadir = 27.36 lx



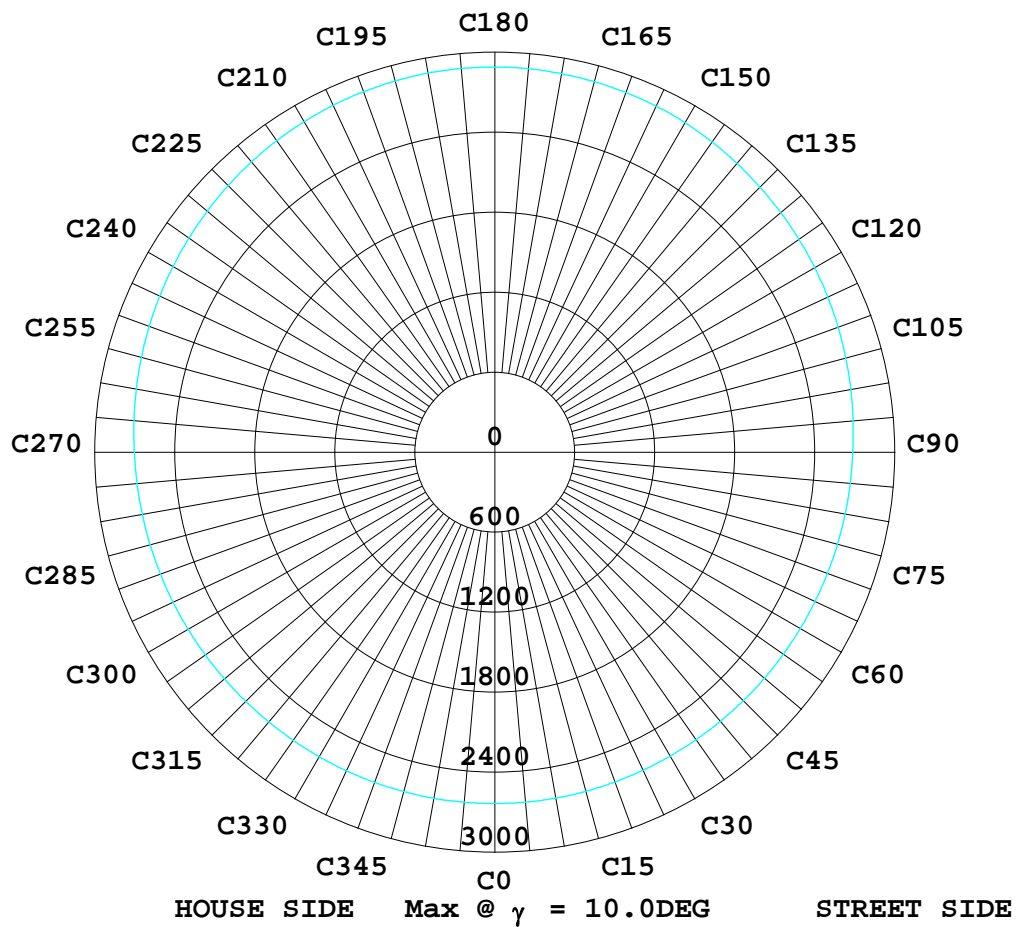
Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22996	TYPE:General light W Connector Box	HEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016001



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: 22996</b>	<b>TYPE:General light W Connector</b>	<b>LIGHT Box</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1500mm</b>	<b>SERIAL No.:201703016001</b>

UNIT: cd

γ (DEG)	C (DEG)															
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	
0.0	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	
5.0	2685	2685	2685	2685	2686	2687	2687	2688	2689	2691	2693	2696	2698	2701	2704	
10.0	2634	2634	2634	2633	2632	2631	2631	2632	2633	2636	2638	2641	2645	2650	2655	
15.0	2467	2468	2470	2474	2480	2490	2502	2517	2534	2554	2571	2572	2574	2578	2584	
20.0	2301	2300	2302	2307	2313	2323	2334	2350	2368	2391	2415	2443	2475	2485	2489	
25.0	2152	2152	2153	2155	2158	2163	2170	2179	2192	2212	2238	2268	2304	2346	2373	
30.0	2003	2004	2006	2005	2008	2013	2018	2023	2030	2037	2046	2073	2107	2150	2201	
35.0	1834	1834	1834	1837	1849	1854	1858	1864	1866	1868	1871	1876	1891	1931	1984	
40.0	1665	1663	1661	1668	1685	1687	1691	1692	1692	1695	1691	1686	1684	1696	1761	
45.0	1513	1510	1506	1512	1514	1516	1519	1520	1510	1503	1498	1493	1497	1505	1526	
50.0	1360	1358	1352	1347	1339	1332	1329	1324	1315	1311	1299	1298	1296	1293	1304	
55.0	1195	1192	1186	1178	1166	1154	1141	1127	1116	1111	1105	1092	1080	1070	1068	
60.0	1030	1025	1019	1009	998	986	974	959	938	924	905	886	872	848	842	
65.0	903	898	889	876	861	843	825	801	770	743	715	696	671	639	627	
70.0	776	771	763	751	738	724	709	682	638	591	550	518	490	459	435	
75.0	649	645	637	627	617	607	595	568	524	478	436	384	338	296	276	
80.0	522	519	512	504	498	493	485	458	416	372	329	282	237	190	150	
85.0	395	393	387	381	380	380	376	352	313	273	230	191	152	116	83.9	
90.0	268	267	262	259	262	268	268	250	214	178	139	107	77.9	54.6	35.9	

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: 22996</b>	<b>TYPE:General light W Connector</b>	<b>LIGHT Box</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1500mm</b>	<b>SERIAL No.:201703016001</b>

UNIT: cd

γ (DEG)	C (DEG)														
	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736
5.0	2707	2711	2715	2719	2726	2733	2740	2748	2755	2762	2769	2776	2781	2787	2792
10.0	2661	2668	2676	2684	2697	2711	2726	2740	2755	2770	2785	2799	2813	2827	2841
15.0	2591	2600	2611	2624	2643	2663	2686	2709	2734	2759	2786	2813	2814	2809	2806
20.0	2497	2507	2521	2538	2560	2585	2614	2647	2684	2712	2710	2710	2709	2710	2711
25.0	2379	2390	2406	2429	2447	2472	2504	2543	2565	2571	2576	2585	2593	2602	2603
30.0	2229	2240	2261	2289	2298	2317	2347	2376	2402	2422	2442	2456	2452	2457	2466
35.0	2045	2058	2078	2110	2113	2127	2154	2190	2231	2278	2286	2286	2293	2304	2317
40.0	1804	1842	1862	1898	1901	1919	1950	1994	2051	2074	2086	2101	2115	2115	2118
45.0	1565	1616	1636	1683	1675	1695	1731	1790	1824	1853	1888	1895	1902	1910	1918
50.0	1329	1371	1390	1407	1418	1455	1508	1562	1596	1638	1657	1685	1694	1705	1718
55.0	1082	1101	1118	1146	1169	1203	1253	1323	1383	1392	1430	1457	1488	1503	1517
60.0	845	842	854	889	900	932	997	1082	1112	1149	1189	1224	1262	1305	1334
65.0	624	603	610	627	646	685	761	813	865	923	970	1008	1058	1108	1155
70.0	414	396	394	401	427	470	526	588	666	714	759	808	871	929	982
75.0	247	230	220	231	251	294	337	409	468	524	581	642	703	763	815
80.0	122	107	102	103	126	148	200	245	314	373	428	487	546	604	654
85.0	56.0	33.9	25.9	20.7	39.1	58.9	93.5	136	188	239	288	342	399	452	498
90.0	21.8	12.1	6.02	4.01	7.44	16.4	31.1	52.6	81.9	118	159	207	258	305	347

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED



LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: 22996</b>	<b>TYPE:General light W Connector</b>	<b>WEIGHT Box</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1500mm</b>	<b>SERIAL No.:201703016001</b>

UNIT: cd

γ (DEG)	C (DEG)															
	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	
0.0	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	
5.0	2797	2802	2805	2808	2810	2812	2813	2813	2812	2811	2810	2807	2803	2798	2794	
10.0	2855	2864	2872	2878	2883	2888	2889	2889	2888	2884	2878	2872	2863	2853	2842	
15.0	2804	2806	2808	2809	2807	2809	2810	2810	2812	2815	2818	2820	2822	2825	2829	
20.0	2712	2715	2719	2724	2727	2728	2731	2730	2732	2735	2736	2735	2735	2736	2736	
25.0	2604	2607	2611	2618	2623	2623	2625	2626	2628	2629	2628	2627	2629	2631	2634	
30.0	2476	2486	2496	2505	2517	2518	2520	2521	2520	2515	2509	2501	2496	2495	2494	
35.0	2322	2322	2322	2322	2326	2325	2326	2328	2331	2335	2336	2339	2343	2342	2330	
40.0	2121	2125	2127	2126	2128	2131	2131	2135	2136	2143	2143	2147	2149	2145	2141	
45.0	1927	1940	1950	1956	1962	1967	1970	1972	1972	1972	1967	1965	1958	1954	1942	
50.0	1741	1763	1781	1792	1799	1805	1809	1811	1810	1806	1796	1785	1774	1761	1746	
55.0	1554	1582	1603	1616	1626	1632	1637	1638	1636	1631	1622	1602	1596	1568	1538	
60.0	1372	1402	1424	1439	1452	1459	1465	1464	1462	1455	1446	1428	1406	1371	1331	
65.0	1196	1226	1246	1262	1275	1282	1287	1286	1284	1276	1268	1252	1222	1180	1137	
70.0	1024	1053	1072	1087	1098	1105	1109	1108	1106	1097	1089	1075	1046	1004	959	
75.0	855	883	899	913	922	927	931	930	927	919	912	901	875	834	787	
80.0	692	715	729	740	746	750	753	752	749	742	737	730	708	670	623	
85.0	533	549	559	567	571	573	575	574	571	565	562	561	545	510	465	
90.0	375	385	391	395	395	396	397	396	393	389	388	393	384	354	312	

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: 22996</b>	<b>TYPE:General light W Connector</b>	<b>LIGHT Box</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1500mm</b>	<b>SERIAL No.:201703016001</b>

UNIT: cd

γ (DEG)	C (DEG)														
	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736
5.0	2789	2784	2778	2771	2765	2758	2751	2745	2738	2731	2726	2722	2718	2713	2710
10.0	2830	2816	2802	2788	2774	2759	2745	2731	2717	2704	2694	2685	2677	2670	2663
15.0	2835	2834	2810	2785	2760	2736	2713	2692	2672	2654	2639	2626	2614	2605	2597
20.0	2735	2736	2739	2743	2715	2681	2649	2621	2597	2576	2556	2538	2523	2512	2503
25.0	2631	2626	2618	2610	2606	2585	2545	2511	2484	2464	2439	2420	2407	2399	2371
30.0	2495	2502	2488	2468	2447	2429	2397	2360	2333	2315	2285	2263	2249	2223	2176
35.0	2324	2322	2329	2324	2285	2249	2219	2187	2168	2162	2121	2091	2070	2014	1969
40.0	2134	2130	2125	2121	2114	2063	2021	1987	1970	1970	1922	1889	1846	1793	1750
45.0	1933	1924	1918	1904	1889	1866	1807	1771	1745	1734	1711	1681	1614	1568	1547
50.0	1734	1716	1698	1682	1670	1625	1577	1553	1511	1482	1457	1439	1391	1362	1339
55.0	1512	1490	1469	1458	1440	1383	1331	1278	1253	1245	1207	1174	1144	1122	1118
60.0	1283	1248	1233	1207	1178	1146	1066	1011	977	974	936	921	903	892	906
65.0	1087	1039	1009	976	934	884	827	761	716	715	679	680	676	681	698
70.0	903	847	800	760	706	646	587	532	491	474	454	456	470	482	499
75.0	728	672	618	567	514	444	385	335	305	284	272	269	290	306	336
80.0	566	508	456	402	349	283	222	186	160	145	124	134	150	178	221
85.0	411	356	308	254	207	155	112	79.7	57.6	47.0	39.1	48.5	72.6	101	134
90.0	264	211	170	120	83.0	53.9	31.6	16.3	6.86	6.46	6.27	13.8	25.1	41.0	60.8

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: 22996</b>	<b>TYPE:General light W Connector</b>	<b>LIGHT Box</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1500mm</b>	<b>SERIAL No.:201703016001</b>

UNIT: cd

C(DEG)\ γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736
5.0	2706	2703	2700	2697	2695	2693	2692	2691	2689	2688	2686	2686
10.0	2657	2651	2646	2643	2640	2638	2637	2636	2635	2635	2636	2635
15.0	2591	2585	2582	2564	2543	2525	2509	2496	2486	2479	2473	2470
20.0	2493	2462	2434	2409	2386	2367	2350	2336	2323	2314	2308	2303
25.0	2330	2295	2265	2240	2220	2204	2189	2179	2170	2163	2158	2153
30.0	2139	2107	2082	2067	2054	2043	2032	2022	2016	2011	2009	2004
35.0	1932	1913	1903	1895	1886	1878	1869	1859	1851	1845	1840	1836
40.0	1739	1737	1723	1720	1709	1700	1693	1687	1681	1676	1671	1666
45.0	1547	1556	1552	1536	1522	1520	1517	1515	1515	1515	1514	1513
50.0	1345	1345	1351	1356	1349	1336	1340	1344	1347	1353	1358	1360
55.0	1128	1138	1145	1148	1149	1154	1163	1173	1181	1187	1193	1195
60.0	923	926	936	951	967	984	998	1007	1016	1022	1028	1030
65.0	712	727	751	778	801	825	847	862	877	888	897	902
70.0	528	557	589	630	669	703	725	738	751	761	770	775
75.0	376	422	468	510	551	586	607	617	626	634	643	648
80.0	266	311	359	398	439	473	491	497	502	508	516	521
85.0	171	211	254	292	331	362	378	379	380	383	390	394
90.0	86.8	119	155	191	226	254	265	261	257	258	263	268

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks: 5630 4000K LED