

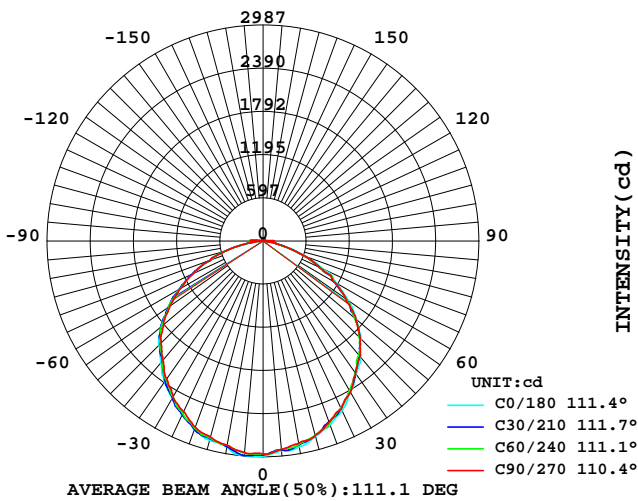
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

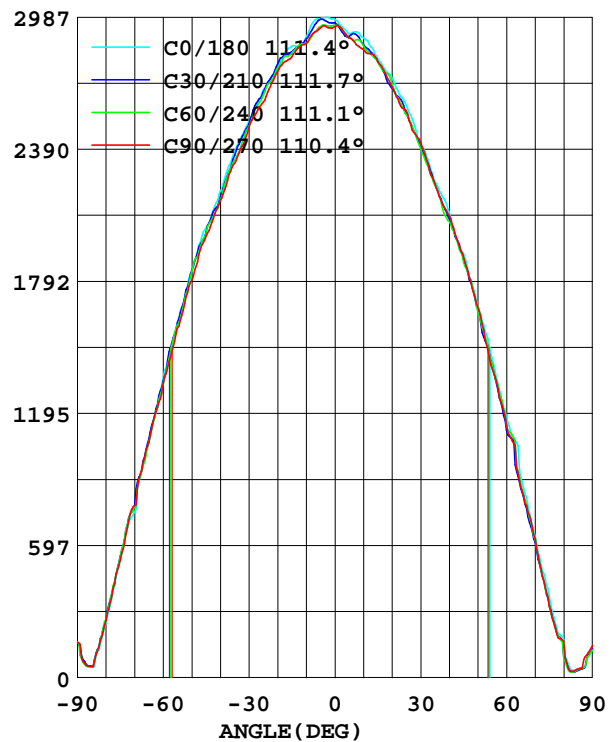
MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

DATA OF LAMP	Imax(cd)	2987	S/MH(C0/180)	1.26	
MODEL	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25	
NOMINAL POWER(W)	62	TOTAL FLUX(lm)	8283.5	Voltage(V)	218.6
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	133.2	Current(A)	0.292
NOMINAL FLUX(lm)	8283.6	η up(%)	2.7	Power(W)	62.18
LAMPS QUANTITY	1	η down(%)	97.3	Power Factor(PF)	0.971
TEST VOLTAGE(V)	218.7	Effective Flux(lm)	7904.8	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

Color Temperature Data List

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION:60w	DIMENSION:	SERIAL No.:

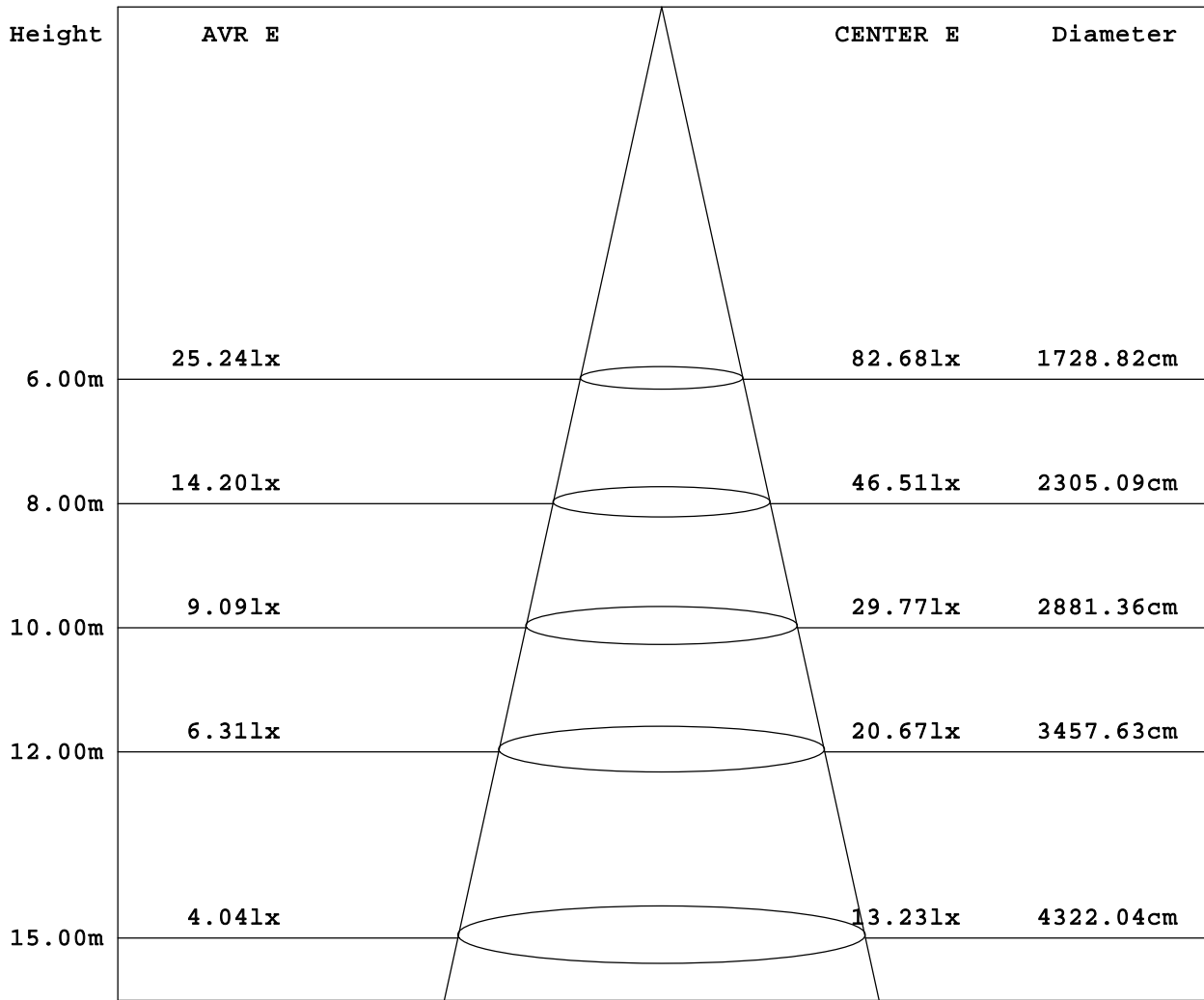
Test System:HOPOO HPG1600
Temperature:25.3DEG
Operators:
Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.200 m
Remarks: <https://siffoen.alibaba.com>

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION:60w	DIMENSION:	SERIAL No.:



Angle:110.5deg

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2979	2969	2939	2895	2912	2893	2893	2915	0- 5	70.10	70.10
10.0	2898	2890	2870	2830	2830	2893	2874	2842	5- 10	206.6	276.7
15.0	2857	2828	2809	2806	2799	2814	2786	2782	10- 15	336.1	612.9
20.0	2766	2740	2741	2719	2711	2679	2671	2685	15- 20	454.9	1068
25.0	2661	2613	2604	2594	2589	2548	2565	2568	20- 25	555.2	1623
30.0	2518	2474	2491	2454	2404	2404	2420	2429	25- 30	635.9	2259
35.0	2380	2353	2326	2288	2243	2231	2231	2265	30- 35	695.6	2955
40.0	2202	2157	2159	2118	2103	2071	2089	2095	35- 40	733.3	3688
45.0	2035	2012	1997	1961	1916	1898	1901	1940	40- 45	752.3	4440
50.0	1838	1812	1796	1738	1676	1679	1674	1704	45- 50	746.5	5187
55.0	1608	1566	1581	1511	1439	1441	1394	1475	50- 55	705.5	5893
60.0	1357	1325	1330	1264	1178	1162	1142	1250	55- 60	634.6	6527
65.0	1071	1090	1063	1079	901.7	907.2	860.1	981.3	60- 65	544.7	7072
70.0	748.8	781.4	777.9	751.1	639.1	629.7	628.8	701.5	65- 70	426.7	7499
75.0	534.4	513.0	531.4	477.4	366.1	349.4	320.6	431.4	70- 75	301.0	7800
80.0	243.9	251.2	258.0	206.0	171.1	110.8	164.9	153.8	75- 80	164.6	7964
85.0	51.18	41.39	50.15	35.31	37.42	39.69	39.26	51.43	80- 85	51.94	8016
90.0	156.9	139.8	160.3	119.4	127.2	136.4	145.5	152.9	85- 90	43.72	8060
95.0	104.4	159.0	108.9	146.8	67.32	61.86	64.46	85.58	90- 95	76.55	8137
100.0	42.45	35.01	44.21	37.17	24.98	31.96	23.87	36.20	95-100	30.60	8167
105.0	20.52	15.41	18.60	14.76	14.11	17.49	13.70	17.90	100-105	11.79	8179
110.0	19.57	16.08	19.27	15.57	15.22	17.54	14.95	17.38	105-110	8.672	8188
115.0	20.14	17.38	20.49	17.22	15.54	18.08	16.22	18.06	110-115	8.806	8197
120.0	21.19	18.54	20.92	18.44	17.60	18.41	17.76	18.30	115-120	8.895	8205
125.0	23.01	19.65	22.79	19.65	19.22	19.60	19.65	19.52	120-125	8.916	8214
130.0	24.68	21.41	24.44	21.22	20.76	20.82	21.44	20.82	125-130	9.068	8223
135.0	26.33	23.01	26.01	22.71	22.33	22.17	23.17	22.11	130-135	9.061	8232
140.0	27.77	24.52	27.39	24.17	23.84	23.63	24.74	23.49	135-140	8.868	8241
145.0	29.06	26.12	28.60	25.76	25.47	25.12	26.25	24.90	140-145	8.502	8250
150.0	30.31	27.79	29.77	27.33	27.06	26.74	27.55	26.44	145-150	7.951	8258
155.0	31.44	29.41	30.87	28.77	28.47	28.36	28.74	28.09	150-155	7.204	8265
160.0	32.36	30.90	31.96	30.17	30.23	29.82	30.23	29.55	155-160	6.268	8271
165.0	33.63	32.15	33.39	31.52	32.15	31.23	31.90	30.96	160-165	5.158	8276
170.0	35.01	33.20	35.01	32.85	34.25	32.74	33.69	32.47	165-170	3.885	8280
175.0	36.61	34.47	36.66	34.20	36.50	34.74	35.85	34.42	170-175	2.449	8283
180.0	37.77	35.82	37.74	35.36	37.77	36.09	37.39	35.69	175-180	0.853	8284
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

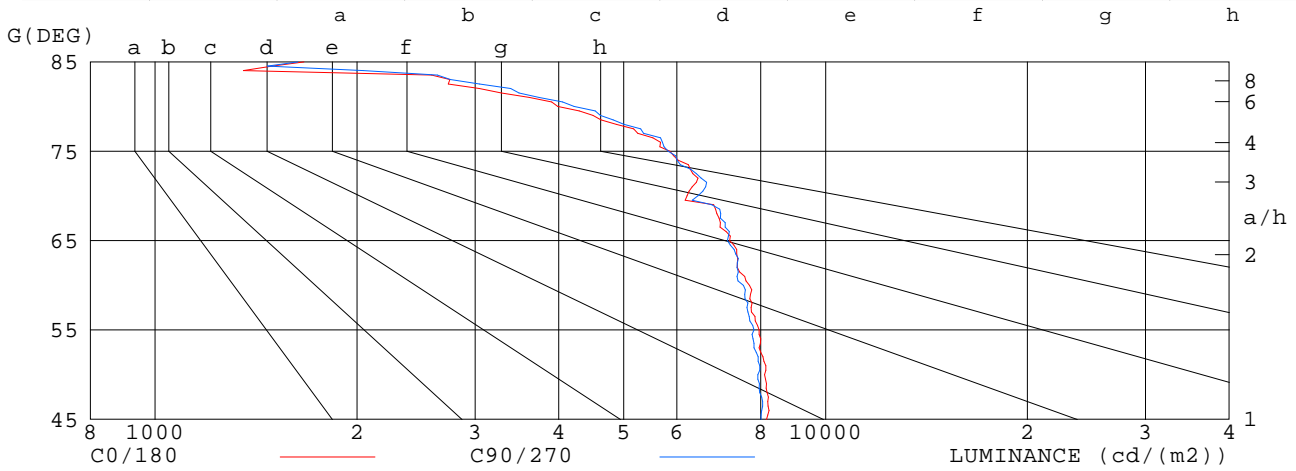
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300	<=300	<=300	<=300	<=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	1666	1633
80	3986	4216
75	5858	5825
70	6211	6452
65	7190	7137
60	7701	7543
55	7955	7818
50	8109	7925
45	8162	8011

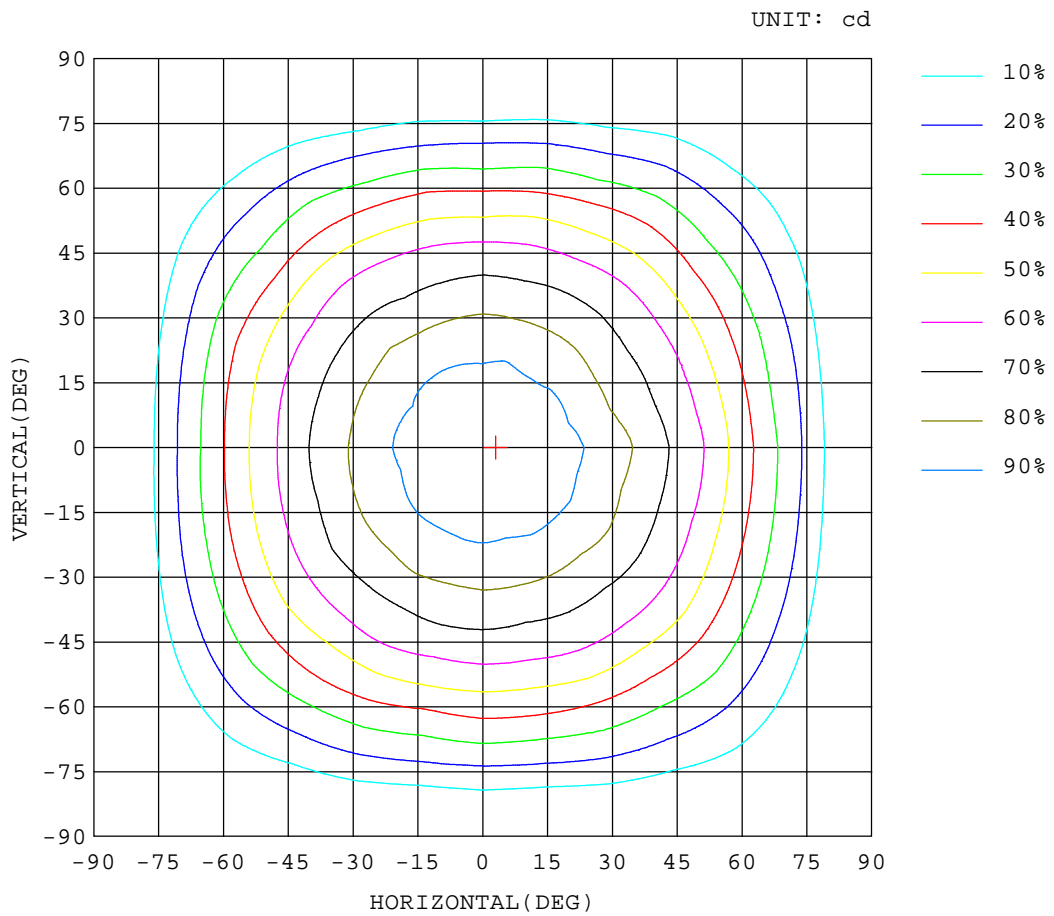
Test System: HOPOO HPG1600
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.200 m
 Remarks: <https://siffoen.alibaba.com>

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:



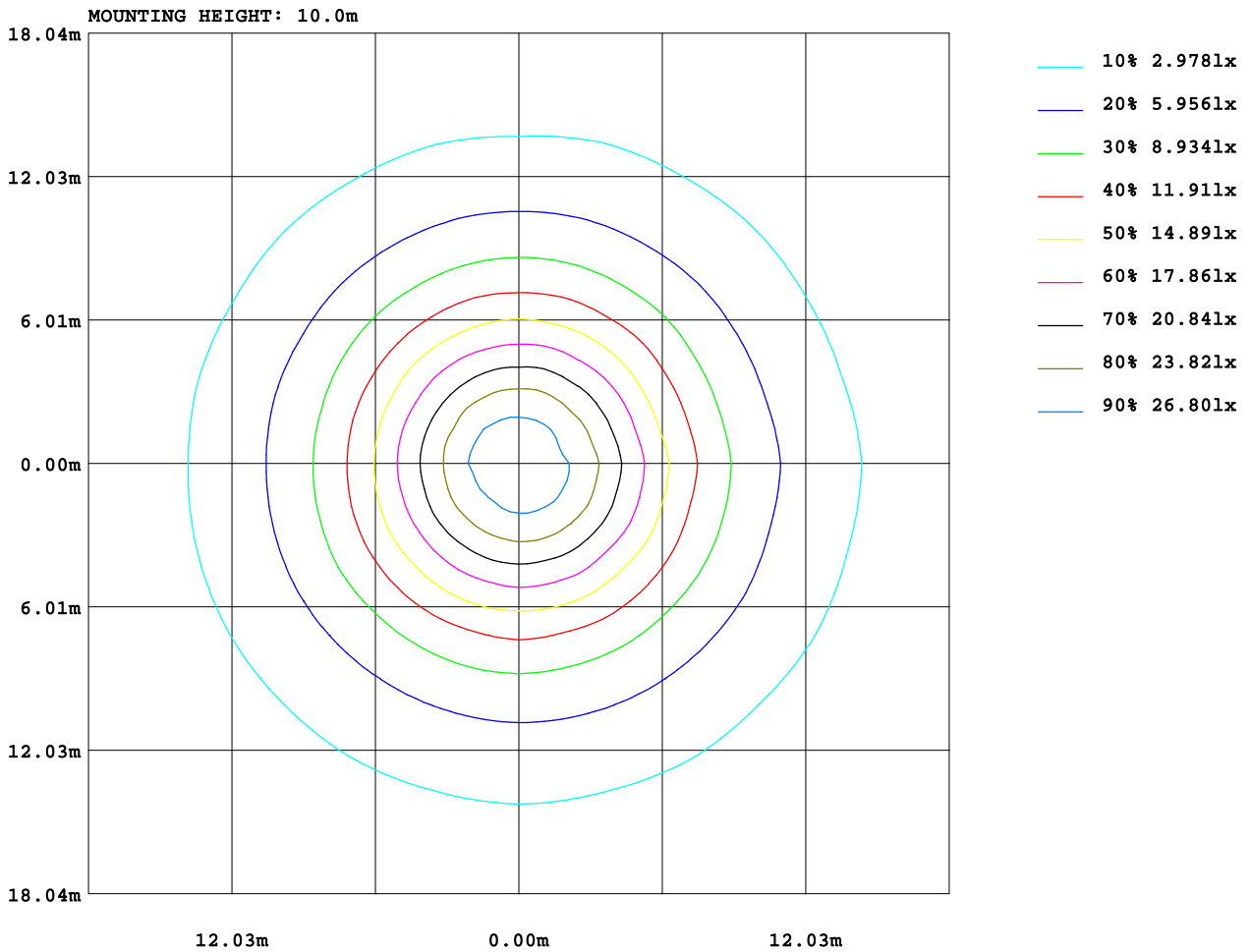
Test System: HOPOO HPG1600
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.200 m
 Remarks: <https://siffoen.alibaba.com>

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1600
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.200 m
 Remarks: <https://siffoen.alibaba.com>

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	Φ t
90	0.32	0.83	1.02	1.23	1.50	1.45	1.56	1.94	1.99	2.12	2.31	2.01	1.88	1.92	1.63	1.41	1.09	0.40	26.6	0.00
80	0.23	0.39	0.46	1.25	2.98	5.17	7.50	9.62	10.4	10.6	10.3	8.35	6.30	4.09	1.99	0.74	0.56	0.31	81.4	47.0
70	0.17	0.32	1.77	5.08	10.1	15.6	20.7	24.8	26.7	26.8	25.3	21.4	16.7	11.8	6.20	2.46	0.53	0.22	217	208
60	0.14	0.72	4.00	9.84	17.7	26.3	34.0	39.9	42.6	42.8	40.4	34.8	27.9	19.2	11.1	4.87	1.12	0.18	358	354
50	0.12	1.35	6.45	14.3	24.7	36.1	45.7	53.1	57.0	57.1	53.4	46.3	37.1	26.2	15.5	7.36	1.93	0.18	485	482
40	0.12	2.00	8.48	18.7	30.8	44.2	55.1	62.8	67.4	67.5	63.3	55.6	44.9	31.9	19.6	9.32	2.75	0.21	585	583
30	0.12	2.53	10.2	22.0	35.9	49.8	61.8	71.2	76.4	76.7	71.6	62.4	50.1	36.8	22.8	11.1	3.45	0.26	666	664
20	0.14	2.90	11.4	24.1	39.3	53.6	67.1	77.8	83.7	83.7	77.9	67.4	54.3	40.1	25.5	12.6	3.97	0.30	726	725
10	0.14	3.09	11.9	25.1	40.6	55.9	70.3	81.5	87.4	87.0	81.5	71.2	57.7	42.8	27.4	13.6	4.27	0.33	762	761
0	0.15	3.13	12.1	25.2	40.7	56.0	70.3	81.5	87.0	88.5	82.9	72.4	58.4	43.3	27.8	13.8	4.33	0.33	768	767
-10	0.15	3.03	11.8	24.5	39.7	54.3	67.8	78.6	84.3	85.2	80.0	69.9	56.1	41.7	26.6	13.3	4.13	0.31	742	741
-20	0.14	2.74	10.9	22.8	37.0	50.9	63.0	72.7	78.2	78.7	73.9	64.6	52.6	39.0	24.4	12.3	3.71	0.28	689	687
-30	0.13	2.28	9.39	20.3	33.0	45.6	56.5	64.7	69.4	69.8	65.7	57.9	47.5	34.8	21.7	10.7	3.08	0.24	613	612
-40	0.12	1.69	7.48	16.6	27.4	38.2	48.3	55.6	59.6	59.9	56.6	49.9	39.8	28.8	18.0	8.56	2.34	0.19	520	517
-50	0.13	1.08	5.20	12.1	20.7	29.5	37.3	43.2	46.9	47.2	44.1	38.5	30.5	21.8	13.4	6.21	1.56	0.16	400	397
-60	0.15	0.51	2.87	7.41	13.0	19.1	24.7	28.9	31.7	32.2	30.2	25.8	20.1	14.1	8.56	3.63	0.84	0.18	265	258
-70	0.19	0.31	0.88	2.67	5.32	8.67	11.8	13.9	15.7	16.0	14.6	12.7	9.63	6.30	3.46	1.32	0.40	0.25	124	99.0
-80	0.27	0.55	0.80	1.00	1.20	1.79	2.35	2.76	3.24	3.33	3.07	2.71	2.15	1.54	1.33	1.13	0.79	0.36	30.4	0.00
-90	0.27	0.55	0.80	1.00	1.20	1.79	2.35	2.76	3.24	3.33	3.07	2.71	2.15	1.54	1.33	1.13	0.79	0.36	30.4	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	2.93	29.5	117	255	422	593	747	865	931	936	878	764	614	447	278	135	40.9	4.69	8284	
Φ a	0.00	17.1	108	246	413	584	738	856	922	927	869	755	605	438	268	125	29.7	0.00		7905

Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

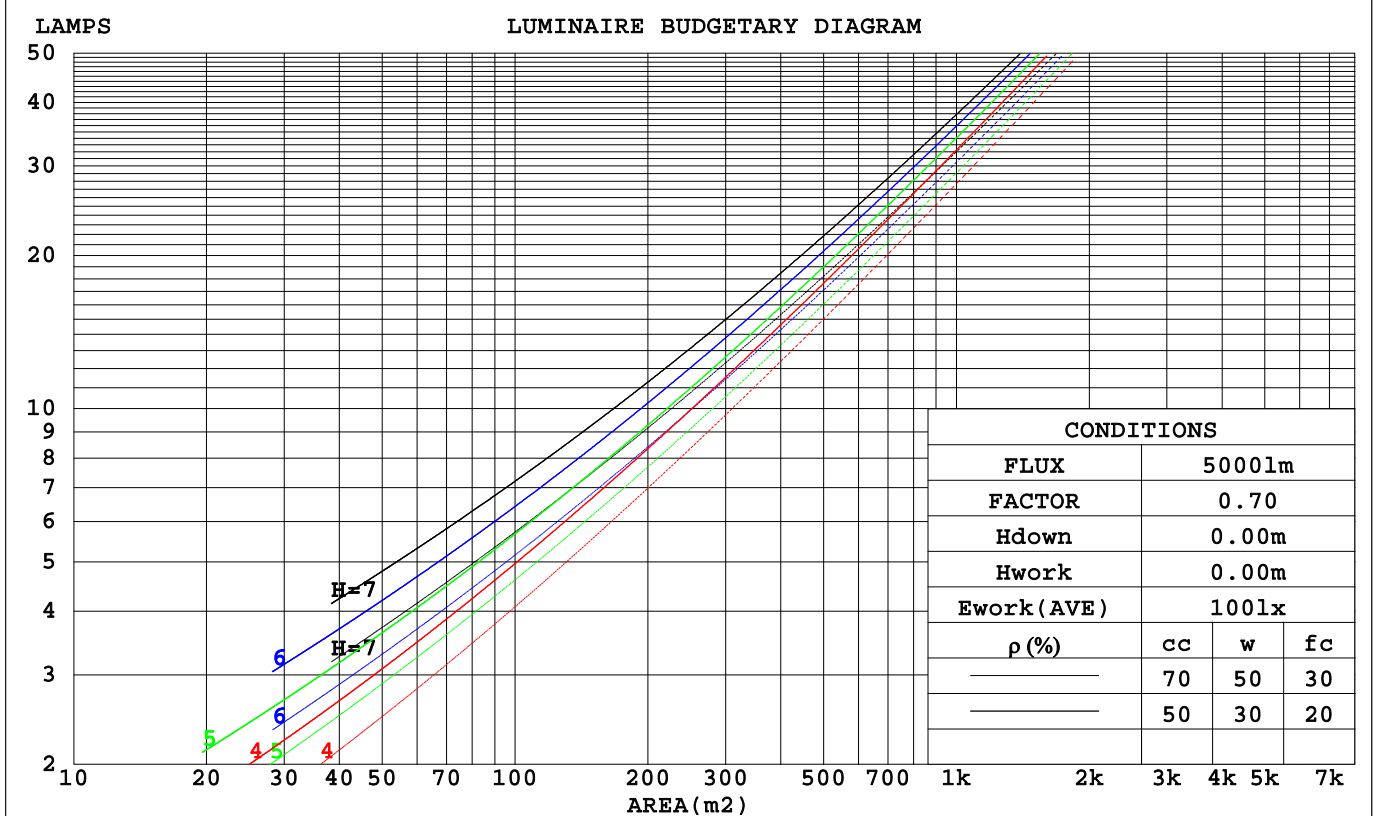
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
ρw	20%			20%			20%			20%			20%			0
ρfc	20%			20%			20%			20%			20%			
RCR	RCR:Room Cavity Ratio															
	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	.00	.00	.00	.97
1.0	1.04	.00	.96	1.01	.98	.94	.97	.94	.91	.92	.90	.88	.88	.86	.85	.82
2.0	.91	.84	.79	.89	.83	.78	.85	.80	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.80	.72	.66	.78	.71	.65	.75	.68	.63	.72	.66	.62	.69	.64	.60	.58
4.0	.71	.62	.56	.69	.61	.55	.66	.59	.54	.64	.58	.53	.61	.56	.52	.50
5.0	.63	.54	.48	.62	.54	.47	.60	.52	.47	.57	.51	.46	.55	.50	.45	.43
6.0	.57	.48	.42	.56	.47	.41	.54	.46	.41	.52	.45	.40	.50	.44	.40	.38
7.0	.52	.43	.37	.51	.42	.37	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.39	.33	.46	.38	.33	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

WEC AND CCEC

Report number:

MANUFACTURER:	Address:					
NAME: YXR-HL-60W-A	TYPE:			WEIGHT:		
SPECIFICATION: 60w	DIMENSION:			SERIAL No.:		

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	.295	.168	.053	.287	.164	.052	.272	.156	.050	.259	.149	.048	.246	.143	.046	
2.0	.281	.154	.047	.274	.151	.047	.261	.145	.045	.249	.140	.044	.238	.135	.042	
3.0	.262	.140	.042	.256	.137	.041	.245	.133	.040	.234	.128	.039	.224	.124	.038	
4.0	.243	.127	.037	.238	.125	.037	.228	.121	.036	.218	.117	.035	.209	.114	.035	
5.0	.226	.115	.033	.221	.113	.033	.212	.110	.032	.203	.107	.032	.195	.104	.031	
6.0	.210	.105	.030	.206	.104	.030	.197	.101	.029	.190	.099	.029	.182	.096	.029	
7.0	.196	.097	.027	.192	.096	.027	.185	.093	.027	.178	.091	.026	.171	.089	.026	
8.0	.183	.090	.025	.180	.088	.025	.173	.086	.025	.167	.084	.024	.161	.083	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.162	.078	.022	.159	.077	.021	.153	.075	.021	.148	.074	.021	.143	.072	.021	

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.200	.177	.156	.171	.152	.134	.117	.105	.093	.067	.060	.054	.022	.019	.017	
2.0	.192	.153	.120	.164	.132	.104	.113	.091	.072	.065	.053	.042	.021	.017	.014	
3.0	.184	.135	.096	.158	.117	.084	.108	.081	.059	.063	.047	.035	.020	.015	.011	
4.0	.177	.122	.080	.151	.105	.070	.104	.073	.049	.060	.043	.029	.019	.014	.010	
5.0	.169	.112	.069	.145	.097	.060	.100	.067	.042	.058	.040	.025	.019	.013	.008	
6.0	.162	.103	.061	.139	.089	.053	.096	.063	.037	.056	.037	.022	.018	.012	.007	
7.0	.156	.096	.055	.134	.084	.048	.092	.059	.034	.054	.035	.020	.017	.011	.007	
8.0	.149	.091	.050	.128	.079	.044	.089	.055	.031	.052	.033	.019	.017	.011	.006	
9.0	.143	.086	.047	.123	.074	.041	.086	.052	.029	.050	.031	.017	.016	.010	.006	
10.0	.138	.081	.044	.119	.071	.038	.082	.050	.027	.048	.029	.016	.016	.010	.005	

Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

Uncorrected UGR Table

Report number:

MANUFACTURER:					Address:					
NAME: YXR-HL-60W-A					TYPE:			WEIGHT:		
SPECIFICATION:60w					DIMENSION:			SERIAL No.:		
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	20.1	21.6	20.4	21.8	22.1	20.1	21.6	20.4	21.8	22.1
3H	21.6	22.9	21.9	23.2	23.5	21.5	22.9	21.9	23.2	23.5
4H	22.1	23.4	22.4	23.7	24.0	22.1	23.3	22.4	23.6	24.0
6H	22.3	23.5	22.7	23.9	24.2	22.3	23.5	22.7	23.9	24.2
8H	22.4	23.5	22.7	23.8	24.2	22.4	23.5	22.8	23.9	24.2
12H	22.3	23.4	22.7	23.8	24.1	22.3	23.5	22.7	23.8	24.2
4H 2H	20.7	22.0	21.1	22.3	22.6	20.7	22.0	21.0	22.3	22.6
3H	22.3	23.4	22.7	23.8	24.1	22.3	23.4	22.7	23.8	24.1
4H	23.0	24.0	23.4	24.3	24.7	22.9	23.9	23.4	24.3	24.7
6H	23.3	24.2	23.7	24.6	25.0	23.3	24.2	23.7	24.6	25.0
8H	23.3	24.2	23.8	24.6	25.0	23.4	24.2	23.8	24.6	25.1
12H	23.3	24.1	23.8	24.5	25.0	23.4	24.1	23.8	24.5	25.0
8H 4H	23.2	24.0	23.6	24.4	24.8	23.1	24.0	23.6	24.4	24.8
6H	23.6	24.3	24.1	24.7	25.2	23.6	24.3	24.1	24.7	25.2
8H	23.7	24.3	24.2	24.8	25.3	23.7	24.3	24.2	24.8	25.3
12H	23.7	24.2	24.2	24.7	25.2	23.7	24.2	24.2	24.7	25.3
12H 4H	23.1	23.9	23.6	24.3	24.8	23.1	23.9	23.6	24.3	24.8
6H	23.6	24.2	24.1	24.7	25.2	23.6	24.2	24.1	24.7	25.2
8H	23.7	24.3	24.3	24.7	25.3	23.8	24.3	24.3	24.8	25.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.5				
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 8284 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.3)

Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:	
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:	

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	56	45	39	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	58	75	64	57	72	65	57	49
1.25	83	73	66	81	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	96	89	84	92	87	82	73
3.00	102	95	90	100	94	89	95	90	86	77
4.00	106	100	96	103	98	94	99	95	91	82
5.00	108	104	100	106	101	98	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

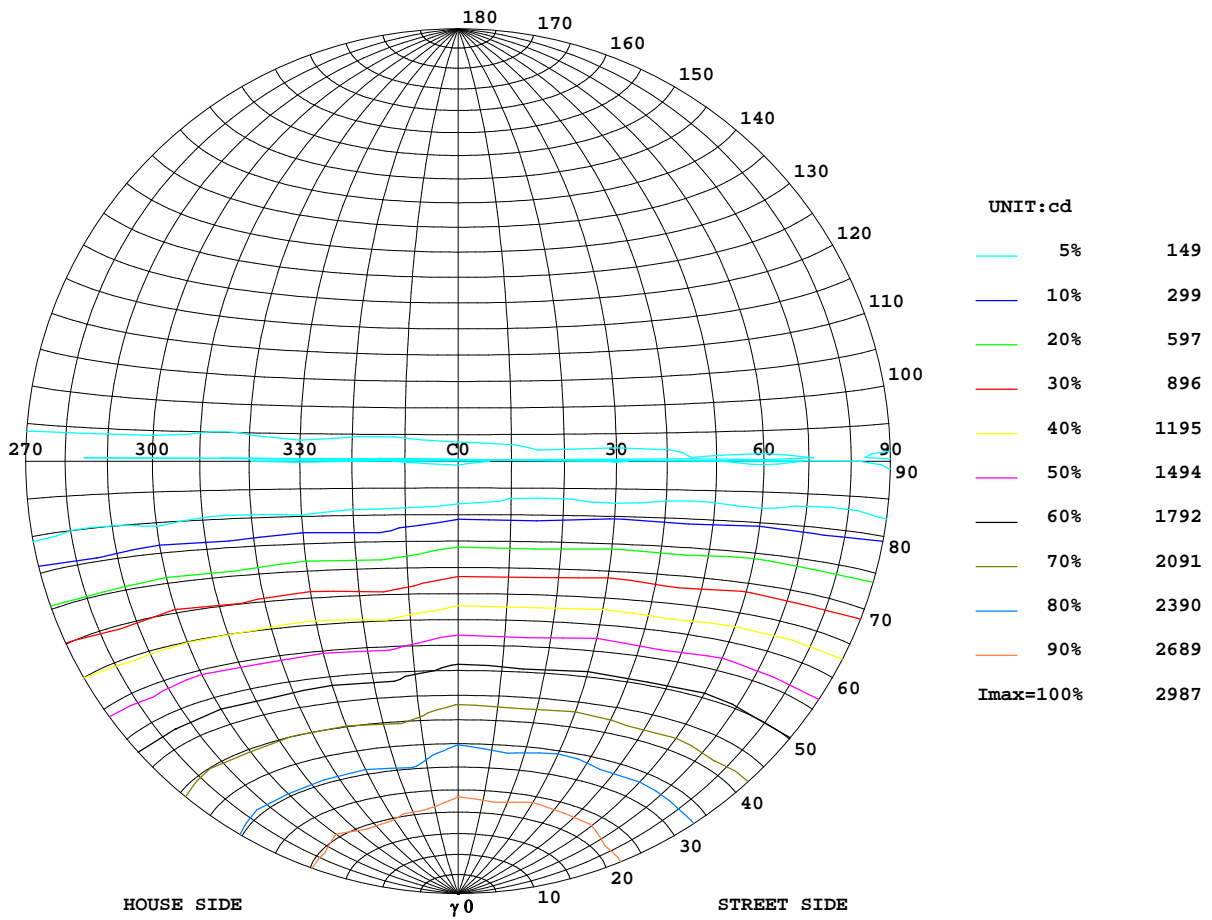
Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1600
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年08月16日

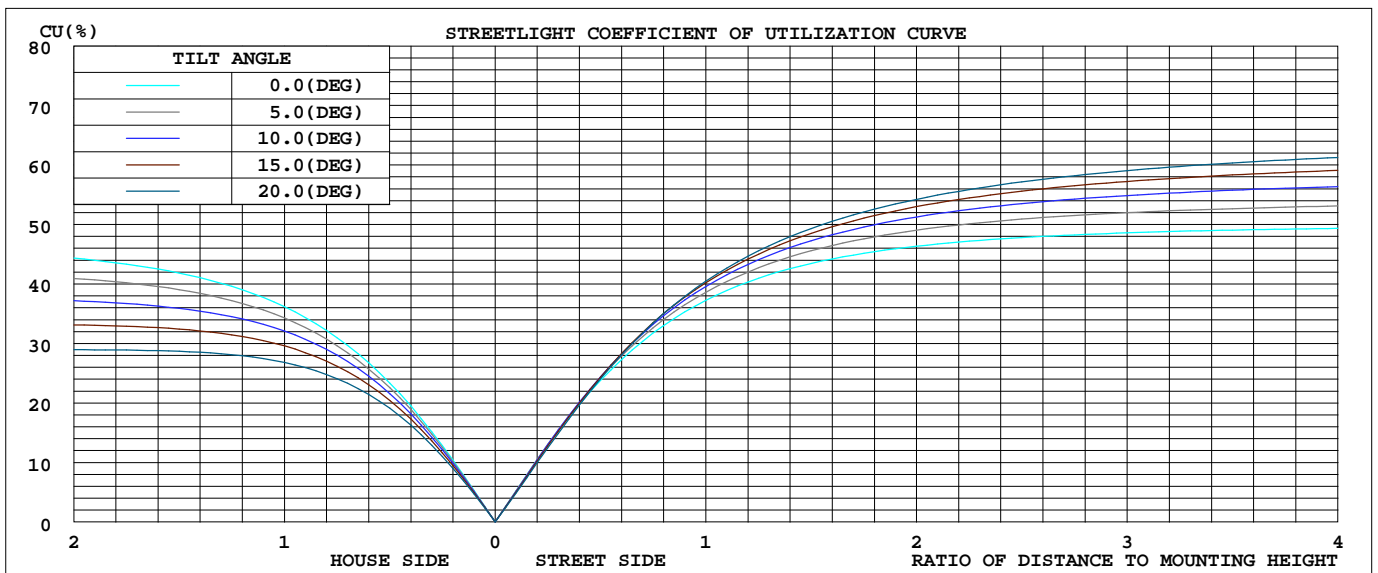
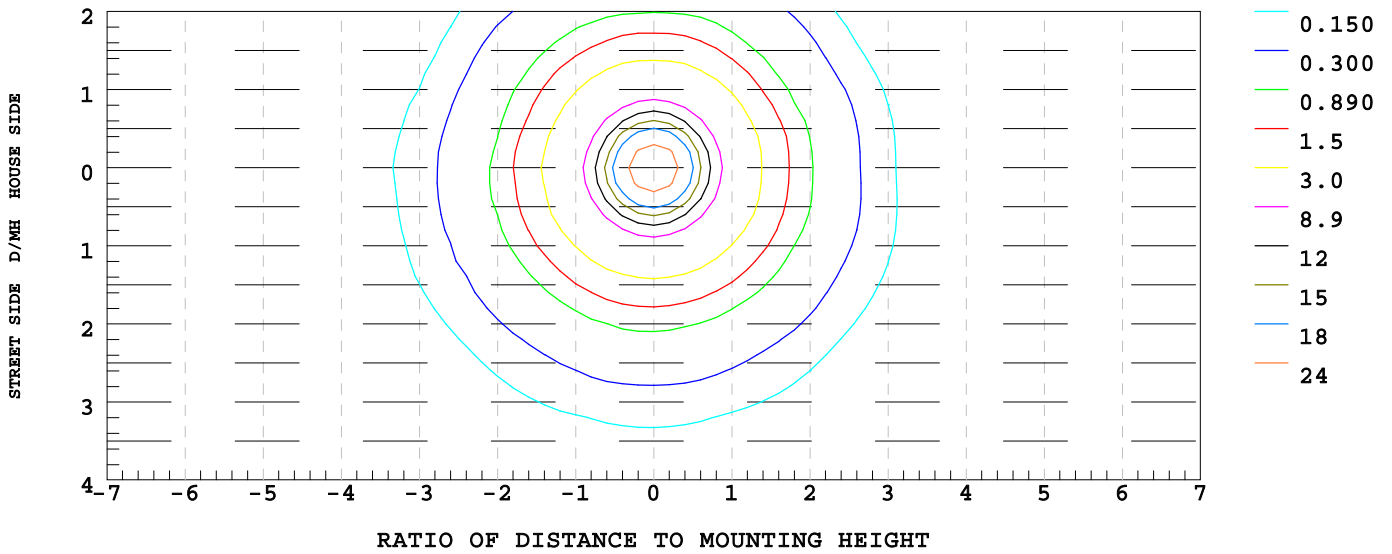
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.200 m
 Remarks: <https://siffoen.alibaba.com>

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 29.77 lx



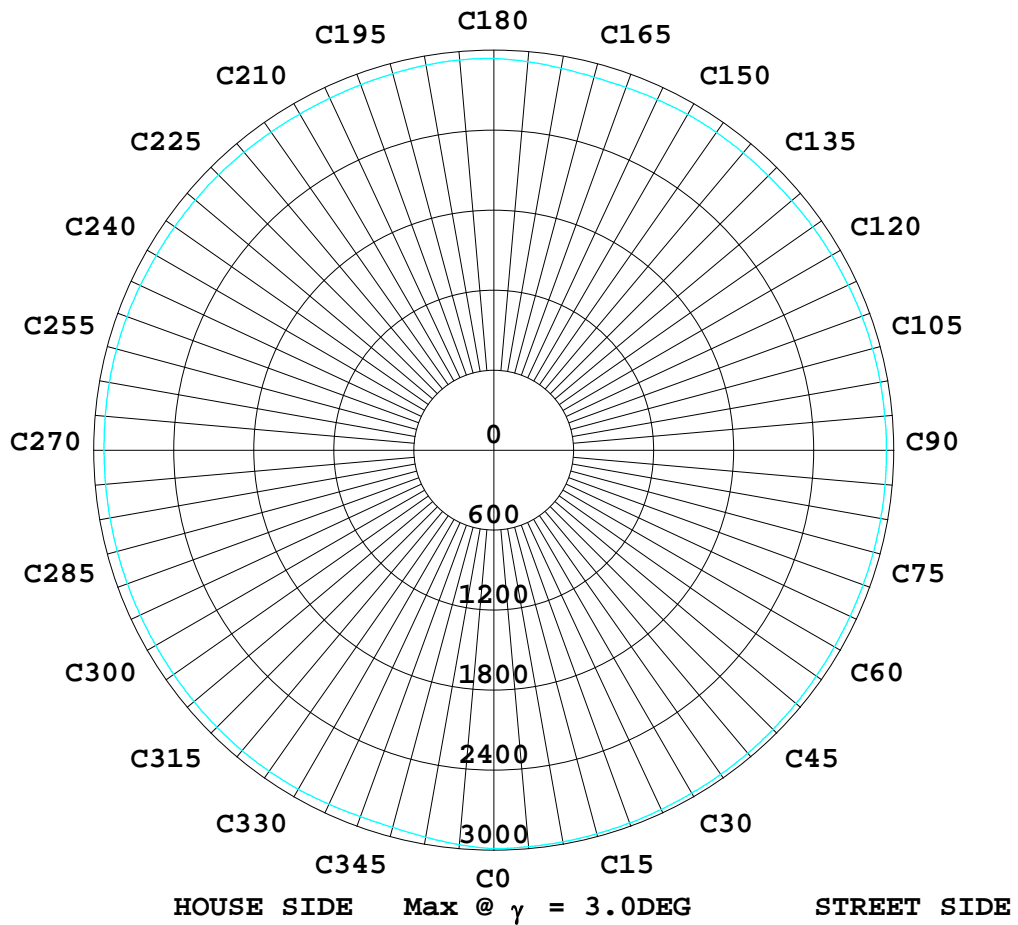
Test System: HOPOO HPG1600
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.200 m
 Remarks: <https://siffoen.alibaba.com>

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1600
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.200 m
 Remarks: <https://siffoen.alibaba.com>

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2977	2970	2962	2959	2950	2947	2944	2939	2939	2932	2930	2923	2977	2970	2962
5.0	2979	2974	2978	2969	2945	2938	2939	2928	2912	2895	2885	2875	2912	2912	2901
10.0	2898	2904	2890	2890	2869	2876	2870	2862	2836	2830	2823	2831	2893	2882	2863
15.0	2857	2835	2832	2828	2826	2844	2809	2783	2806	2806	2803	2801	2799	2809	2786
20.0	2766	2767	2776	2740	2756	2742	2741	2713	2714	2719	2699	2681	2711	2688	2665
25.0	2661	2645	2652	2613	2636	2603	2604	2595	2591	2594	2590	2561	2589	2580	2553
30.0	2518	2483	2505	2474	2495	2477	2491	2462	2450	2454	2435	2436	2404	2409	2400
35.0	2380	2332	2363	2353	2340	2308	2326	2302	2294	2288	2288	2282	2243	2259	2228
40.0	2202	2177	2175	2157	2163	2149	2159	2111	2119	2118	2121	2085	2103	2068	2074
45.0	2035	2009	2018	2012	2012	2001	1997	1973	1982	1961	1940	1920	1916	1916	1892
50.0	1838	1818	1841	1812	1837	1794	1796	1774	1775	1738	1748	1719	1676	1699	1667
55.0	1608	1570	1604	1566	1594	1553	1581	1543	1550	1511	1516	1482	1439	1460	1415
60.0	1357	1319	1344	1325	1330	1299	1330	1290	1297	1264	1276	1218	1178	1207	1119
65.0	1071	1096	1079	1090	1068	1098	1063	1082	1027	1079	1009	1057	902	929	854
70.0	749	790	772	781	771	791	778	772	739	751	727	714	639	661	611
75.0	534	510	551	513	548	517	531	497	509	477	477	430	366	369	326
80.0	244	245	263	251	266	250	258	232	231	206	211	187	171	135	95.2
85.0	51.1	45.2	52.1	41.3	47.8	40.5	50.1	40.5	42.1	35.3	41.5	34.1	37.4	38.2	32.4
90.0	157	138	151	140	162	140	160	123	145	119	133	96.5	127	140	131
95.0	104	92.6	107	159	110	89.3	109	144	120	147	119	126	67.3	83.1	71.7
100.0	42.4	34.8	43.5	35.0	50.0	37.6	44.2	32.3	45.1	37.1	42.1	32.0	24.9	31.4	25.1
105.0	20.5	16.0	20.1	15.4	19.6	15.1	18.6	14.9	19.0	14.7	19.0	15.0	14.1	17.6	13.5
110.0	19.5	16.3	19.5	16.0	19.5	16.1	19.2	15.7	19.1	15.5	19.1	16.0	15.2	17.9	14.6
115.0	20.1	17.7	20.3	17.3	20.1	17.5	20.4	17.3	20.1	17.2	20.0	17.4	15.5	18.3	15.6
120.0	21.1	18.8	21.0	18.5	20.8	18.7	20.9	18.7	20.8	18.4	20.7	18.6	17.6	18.6	16.3
125.0	23.0	20.1	21.7	19.6	21.5	20.0	22.7	20.0	21.7	19.6	21.5	19.8	19.2	20.0	17.7
130.0	24.6	22.1	23.1	21.4	23.0	22.0	24.4	21.9	23.1	21.2	22.7	21.4	20.7	21.4	19.3
135.0	26.3	24.0	24.6	23.0	24.4	23.8	26.0	23.7	24.4	22.7	23.9	23.0	22.3	22.7	20.9
140.0	27.7	25.6	26.0	24.5	25.9	25.5	27.3	25.3	25.8	24.1	25.2	24.4	23.8	24.4	22.7
145.0	29.0	27.2	27.3	26.1	27.3	27.2	28.6	26.8	27.1	25.7	26.6	25.9	25.4	26.1	24.5
150.0	30.3	28.6	28.8	27.7	28.8	28.7	29.7	28.2	28.3	27.3	28.1	27.4	27.0	27.7	26.3
155.0	31.4	29.9	30.2	29.4	30.3	30.2	30.8	29.4	29.7	28.7	29.5	28.9	28.4	29.4	28.1
160.0	32.3	31.1	31.4	30.9	31.8	31.7	31.9	30.6	30.8	30.1	30.9	30.5	30.2	31.1	29.8
165.0	33.6	32.3	32.6	32.1	33.3	33.3	33.3	32.0	32.1	31.5	32.5	32.2	32.1	32.8	31.6
170.0	35.0	33.5	33.7	33.2	34.4	34.8	35.0	33.4	33.4	32.8	33.8	33.7	34.2	34.6	33.0
175.0	36.6	35.0	35.0	34.4	35.3	35.6	36.6	35.0	34.9	34.2	34.8	34.9	36.5	35.9	34.9
180.0	37.7	36.6	36.4	35.8	36.2	36.4	37.7	36.5	36.1	35.3	35.6	35.6	37.7	36.8	36.0

Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2019年08月16日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.200 m
 Remarks: <https://siffoen.alibaba.com>

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: YXR-HL-60W-A	TYPE:	WEIGHT:
SPECIFICATION: 60w	DIMENSION:	SERIAL No.:

UNIT: cd

C(DEG)\ γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	2959	2950	2947	2944	2939	2939	2932	2930	2923
5.0	2893	2893	2895	2893	2886	2895	2915	2917	2925
10.0	2874	2859	2861	2842	2836	2857	2850	2823	2810
15.0	2814	2783	2802	2786	2800	2770	2782	2787	2776
20.0	2679	2686	2682	2671	2703	2665	2685	2705	2698
25.0	2548	2547	2538	2565	2556	2545	2568	2571	2588
30.0	2404	2391	2400	2420	2403	2403	2429	2399	2404
35.0	2231	2225	2247	2231	2251	2234	2265	2251	2286
40.0	2071	2062	2076	2089	2077	2093	2095	2075	2115
45.0	1898	1877	1905	1901	1910	1892	1940	1901	1938
50.0	1679	1652	1674	1674	1685	1684	1704	1711	1727
55.0	1441	1421	1432	1394	1448	1453	1475	1461	1505
60.0	1162	1144	1191	1142	1184	1197	1250	1201	1239
65.0	907	876	903	860	918	899	981	920	960
70.0	630	622	626	629	675	642	702	684	716
75.0	349	329	354	321	385	367	431	403	449
80.0	111	85.6	115	165	136	171	154	183	176
85.0	39.6	36.3	35.6	39.2	50.5	40.4	51.4	44.7	51.6
90.0	136	127	148	146	147	147	153	148	152
95.0	61.8	59.2	55.3	64.4	57.5	66.8	85.5	73.9	61.4
100.0	31.9	23.3	30.0	23.8	32.7	26.3	36.2	28.4	34.6
105.0	17.4	13.3	17.1	13.7	17.5	13.6	17.9	13.6	17.9
110.0	17.5	14.4	17.6	14.9	17.6	14.4	17.3	13.8	17.2
115.0	18.0	15.5	18.2	16.2	18.3	15.6	18.0	15.0	17.8
120.0	18.4	16.3	18.9	17.7	18.9	16.3	18.3	15.8	18.2
125.0	19.6	18.0	20.4	19.6	20.2	17.8	19.5	17.3	19.5
130.0	20.8	19.7	22.0	21.4	21.8	19.5	20.8	19.0	21.1
135.0	22.1	21.3	23.6	23.1	23.4	21.2	22.1	20.6	22.7
140.0	23.6	22.9	25.2	24.7	25.0	22.8	23.4	22.2	24.3
145.0	25.1	24.6	26.6	26.2	26.5	24.5	24.9	23.9	25.8
150.0	26.7	26.2	27.9	27.5	28.1	26.3	26.4	25.6	27.2
155.0	28.3	27.7	29.1	28.7	29.7	28.0	28.0	27.2	28.6
160.0	29.8	29.0	30.2	30.2	31.2	29.8	29.5	28.6	29.7
165.0	31.2	30.5	31.5	31.9	32.9	31.4	30.9	30.1	30.9
170.0	32.7	32.2	33.0	33.6	34.5	32.9	32.4	31.8	32.5
175.0	34.7	34.2	35.0	35.8	35.8	34.6	34.4	33.8	34.4
180.0	36.0	35.8	36.7	37.3	36.7	35.8	35.6	35.2	36.0

Test System:HOPOO HPG1600
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Test Set: 8.0deg/s C-Gamma (TYPE C)
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