

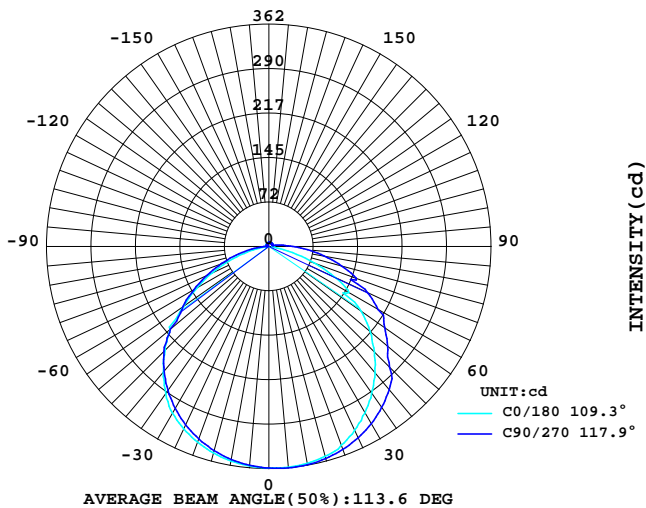
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

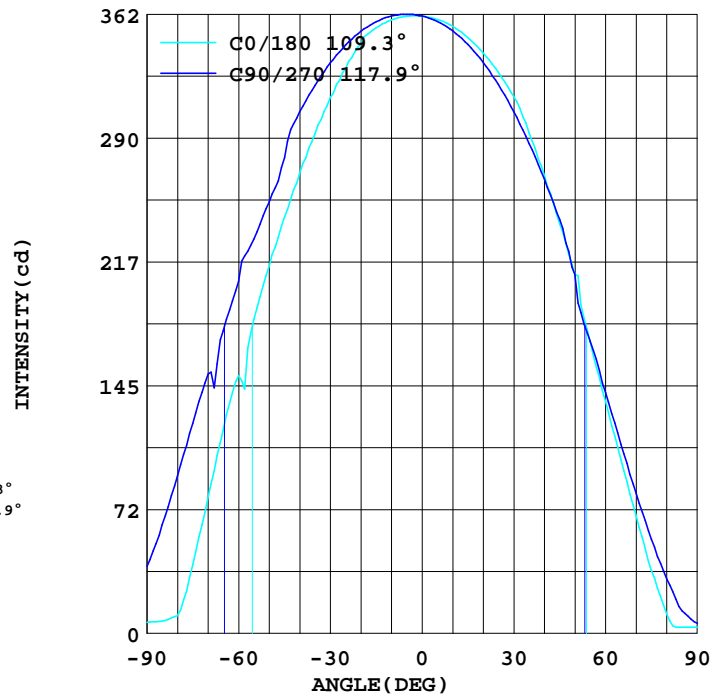
MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

DATA OF LAMP		Imax(cd)	361.9	S/MH(C0/180)	1.28
MODEL	2216	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	1130.4	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	107.9	Current(A)	0.436
NOMINAL FLUX(lm)	1130.4	h up(%)	3.5	Power(W)	10.48
LAMPS QUANTITY	1	h down(%)	96.5	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1075.8	EEL	0.128

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

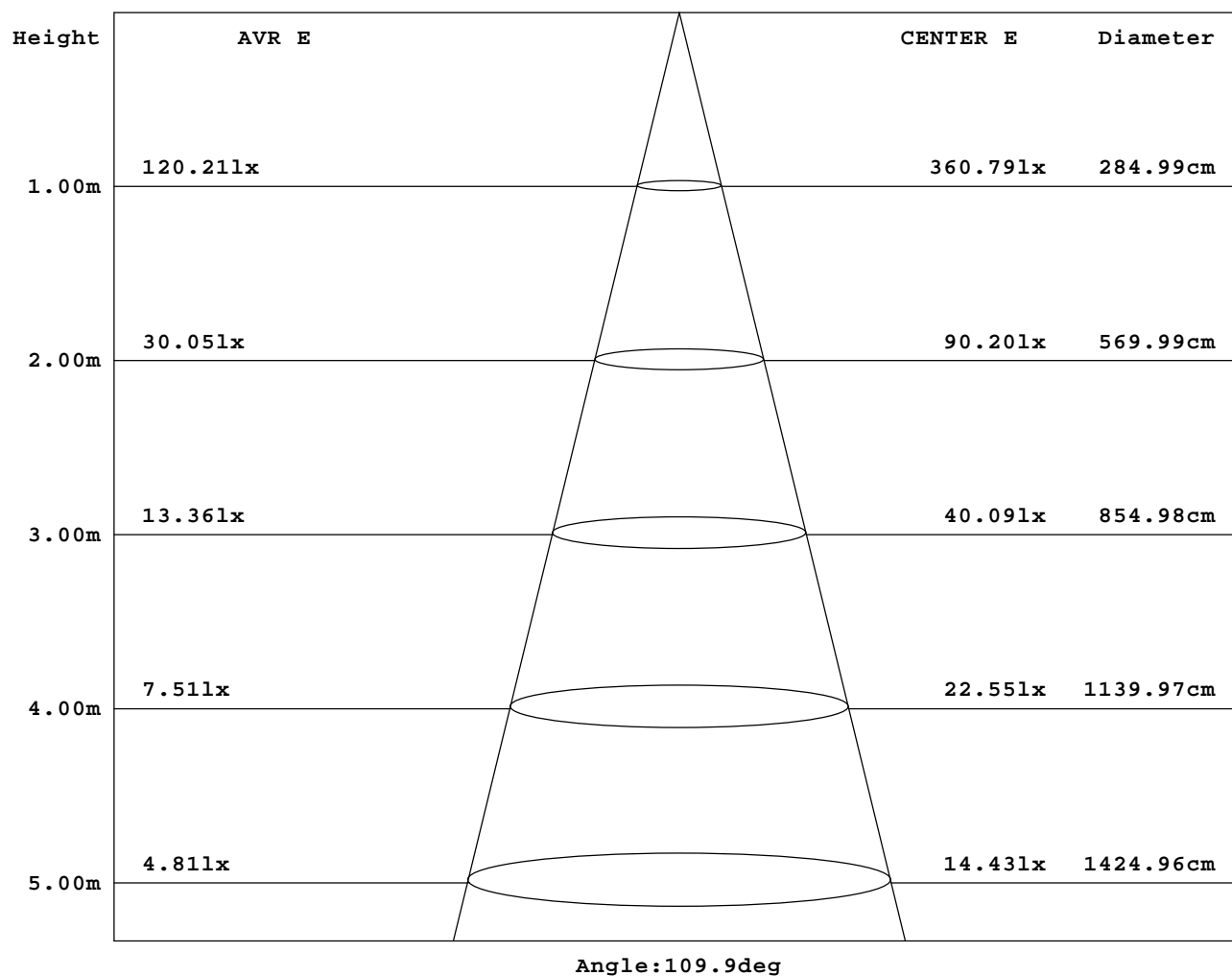
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	360.7	361.3	361.9	360.6	358.9	359.0	357.6	359.3	0- 5	8.618	8.618
10.0	358.6	359.3	360.9	358.1	354.9	354.6	352.2	355.4	5- 10	25.64	34.26
15.0	354.0	354.9	357.6	353.2	348.2	348.1	344.2	349.1	10- 15	41.99	76.26
20.0	344.5	348.3	351.8	346.1	339.1	338.8	333.5	340.1	15- 20	57.22	133.4
25.0	330.2	339.1	344.0	336.3	327.9	327.5	320.8	329.0	20- 25	70.78	204.2
30.0	313.3	327.2	333.5	324.0	313.7	313.1	304.9	314.8	25- 30	82.25	286.5
35.0	292.0	313.4	320.2	309.7	292.4	296.1	286.2	297.8	30- 35	91.22	377.7
40.0	269.0	296.4	305.0	292.4	267.8	277.0	265.6	278.7	35- 40	97.20	474.9
45.0	243.7	276.6	278.2	272.5	239.2	254.5	241.6	256.0	40- 45	99.97	574.9
50.0	214.8	255.0	252.2	250.2	209.9	229.6	209.7	230.7	45- 50	98.82	673.7
55.0	183.6	224.4	230.6	215.0	170.2	203.0	170.6	201.4	50- 55	93.86	767.6
60.0	150.6	180.9	205.6	170.0	135.5	156.3	140.7	138.7	55- 60	84.03	851.6
65.0	118.9	154.9	176.9	141.4	101.4	135.7	110.5	131.1	60- 65	71.87	923.5
70.0	79.76	123.8	151.5	108.9	69.07	106.2	82.16	97.65	65- 70	59.18	982.7
75.0	40.19	91.99	122.8	75.42	36.78	79.91	55.13	69.92	70- 75	45.85	1029
80.0	10.45	67.99	91.92	54.05	11.22	49.63	31.90	45.30	75- 80	30.83	1059
85.0	7.279	42.59	63.50	33.53	3.639	28.80	13.24	27.87	80- 85	19.70	1079
90.0	6.504	20.83	39.18	13.31	3.717	13.47	5.885	13.62	85- 90	11.19	1090
95.0	6.195	9.680	24.00	3.639	3.872	8.131	3.794	7.821	90- 95	5.947	1096
100.0	6.040	3.484	14.63	3.407	4.104	7.201	3.717	7.201	95-100	3.970	1100
105.0	5.962	3.717	6.814	3.717	4.336	7.047	3.949	7.201	100-105	3.052	1103
110.0	5.885	4.026	6.427	3.872	4.568	6.969	4.181	6.892	105-110	2.797	1106
115.0	5.962	4.336	6.272	4.104	4.878	6.814	4.414	6.659	110-115	2.728	1109
120.0	5.962	4.414	6.195	4.259	5.033	6.814	4.646	6.582	115-120	2.658	1111
125.0	6.040	4.568	6.195	4.414	5.343	6.737	4.878	6.582	120-125	2.561	1114
130.0	6.195	4.723	6.195	4.723	5.575	6.814	5.111	6.659	125-130	2.466	1116
135.0	6.272	4.956	6.272	5.033	5.808	6.892	5.343	6.737	130-135	2.360	1119
140.0	6.427	5.188	6.350	5.188	5.962	6.969	5.498	6.814	135-140	2.215	1121
145.0	6.504	5.420	6.427	5.420	6.195	7.047	5.730	6.892	140-145	2.044	1123
150.0	6.659	5.575	6.582	5.575	6.350	7.047	5.808	6.892	145-150	1.840	1125
155.0	6.737	5.730	6.659	5.730	6.504	7.047	5.962	6.969	150-155	1.609	1127
160.0	6.814	5.885	6.737	5.808	6.659	7.047	6.117	6.969	155-160	1.355	1128
165.0	6.892	6.040	6.892	5.962	6.737	7.047	6.195	6.969	160-165	1.079	1129
170.0	6.969	6.117	6.892	6.117	6.814	7.047	6.272	6.969	165-170	0.785	1130
175.0	7.047	6.195	6.969	6.195	6.892	6.969	6.272	6.969	170-175	0.477	1130
180.0	6.969	6.350	6.969	6.350	7.124	6.892	6.350	6.814	175-180	0.160	1130
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

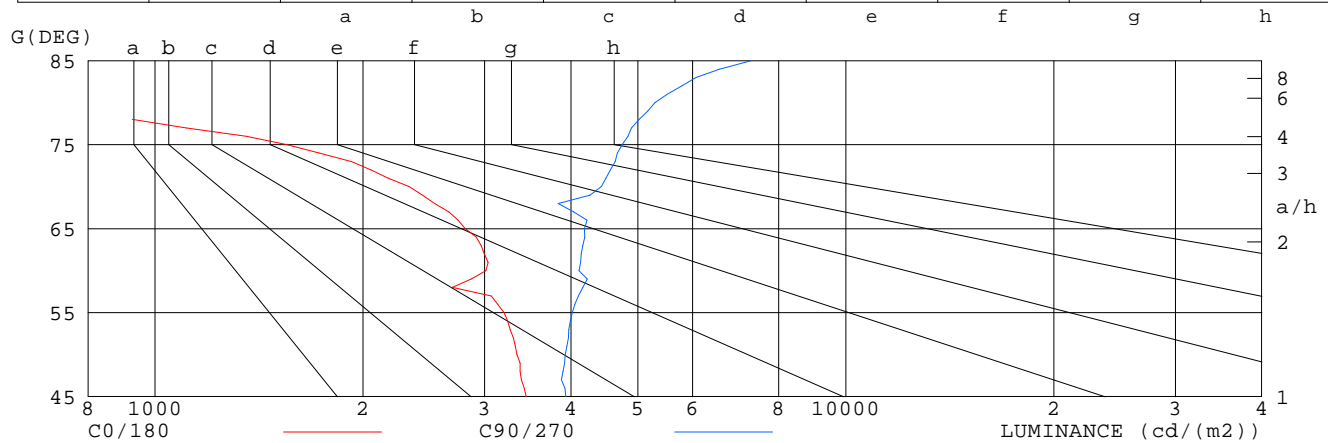
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

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	835	7286
80	602	5294
75	1553	4745
70	2332	4431
65	2815	4187
60	3012	4112
55	3201	4021
50	3343	3925
45	3446	3935

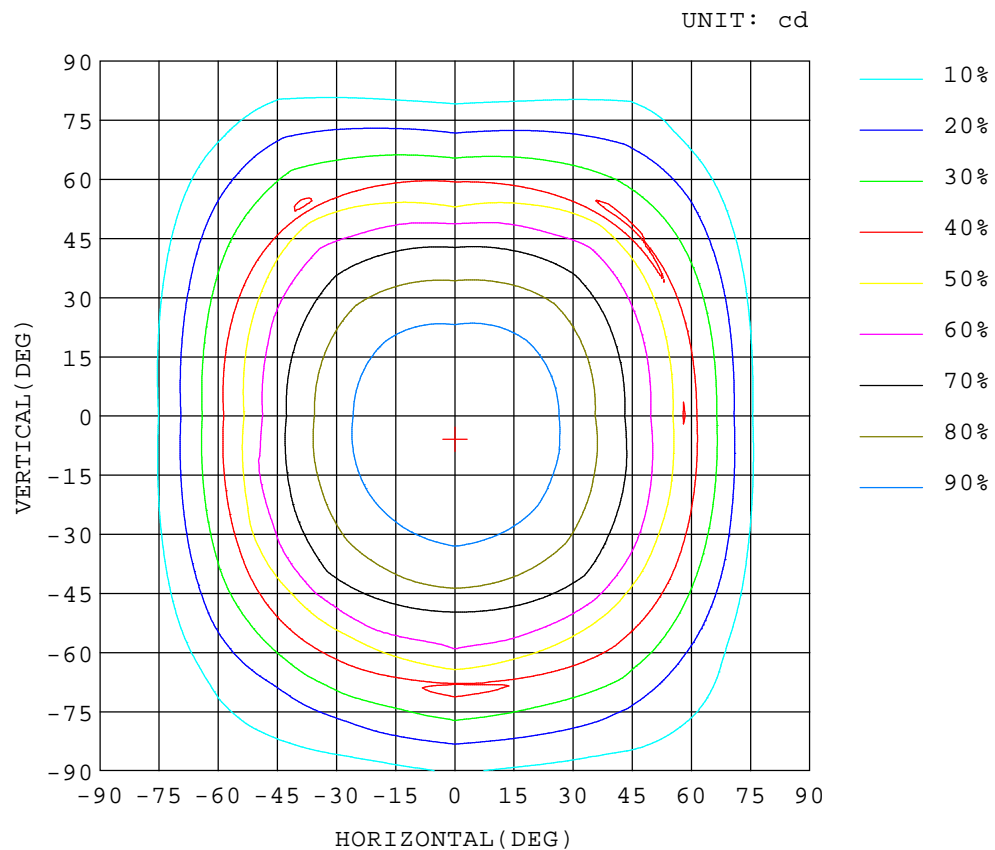
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011



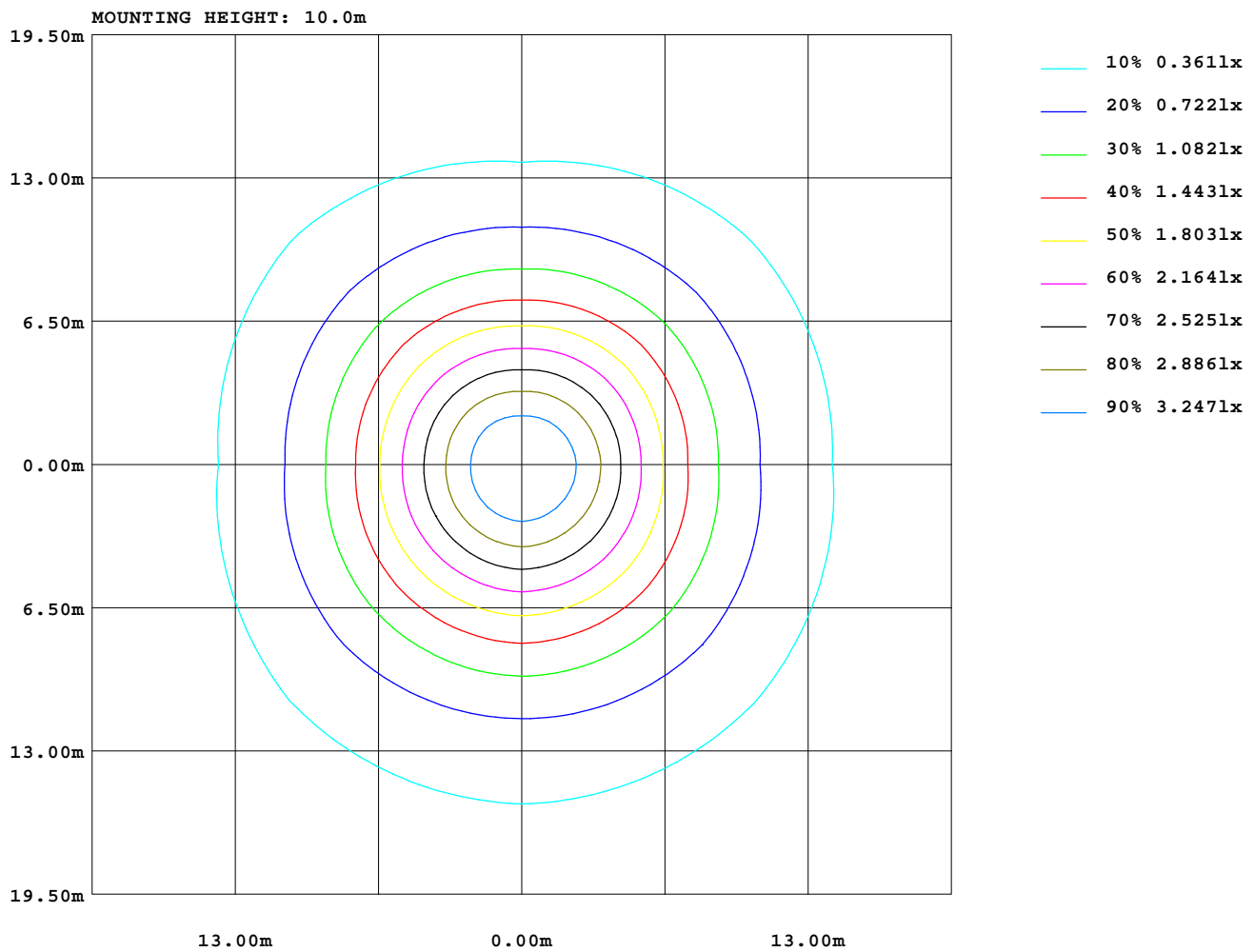
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.800 m
Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

		AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
		0.01	0.06	0.16	0.31	0.49	0.58	0.60	0.58	0.52	0.52	0.57	0.58	0.56	0.48	0.31	0.17	0.08	0.02	6.62	0.17	
VERTICAL(°)	90																					
	80																					
	70	0.02	0.09	0.27	0.62	1.11	1.46	1.68	1.78	1.75	1.73	1.71	1.57	1.33	1.01	0.58	0.28	0.10	0.02	17.1	15.4	
	60	0.02	0.11	0.43	1.08	1.94	2.60	3.07	3.35	3.42	3.40	3.28	2.94	2.41	1.77	0.99	0.40	0.13	0.02	31.4	30.6	
	50	0.02	0.15	0.67	1.57	2.68	3.67	4.53	5.09	5.25	5.24	5.04	4.45	3.56	2.59	1.52	0.63	0.15	0.02	46.8	46.4	
	40	0.02	0.21	0.90	2.01	3.37	5.03	6.12	6.91	7.28	7.29	6.93	6.14	5.00	3.33	2.05	0.90	0.20	0.03	63.7	63.4	
	30	0.02	0.26	1.08	2.37	4.17	5.93	7.32	8.24	8.67	8.68	8.27	7.36	5.97	4.22	2.46	1.14	0.26	0.03	76.5	76.2	
	-30	0.02	0.30	1.23	2.72	4.69	6.57	8.16	9.21	9.70	9.71	9.24	8.20	6.62	4.78	2.82	1.34	0.31	0.03	85.7	85.5	
		0.02	0.33	1.31	2.94	5.03	7.02	8.71	9.86	10.4	10.4	9.90	8.74	7.05	5.10	3.06	1.48	0.35	0.02	91.8	91.6	
		0.01	0.33	1.34	3.03	5.16	7.26	8.98	10.1	10.7	10.8	10.2	9.04	7.26	5.23	3.16	1.54	0.36	0.02	94.8	94.6	
		0.01	0.33	1.35	3.05	5.20	7.31	9.04	10.2	10.8	10.9	10.3	9.11	7.32	5.28	3.20	1.56	0.36	0.02	95.5	95.4	
		0.02	0.33	1.33	3.00	5.16	7.19	8.90	10.0	10.7	10.7	10.1	8.95	7.24	5.25	3.17	1.53	0.36	0.03	94.2	94.0	
		0.02	0.31	1.24	2.81	4.90	6.86	8.50	9.66	10.3	10.3	9.73	8.59	6.95	5.03	3.00	1.42	0.34	0.03	90.0	89.8	
		0.02	0.26	1.10	2.47	4.40	6.35	7.86	8.96	9.59	9.62	9.03	7.96	6.46	4.58	2.70	1.25	0.29	0.03	82.9	82.7	
		0.02	0.21	0.90	2.07	3.59	5.45	6.86	7.82	8.38	8.40	7.88	6.97	5.63	3.82	2.31	1.03	0.24	0.03	71.6	71.3	
	-50	0.02	0.16	0.67	1.59	2.78	4.09	5.39	6.36	6.91	6.95	6.47	5.56	4.34	3.07	1.82	0.77	0.20	0.03	57.2	56.8	
-60	0.02	0.12	0.46	1.07	1.96	2.93	3.84	4.61	5.15	5.19	4.75	4.07	3.23	2.26	1.27	0.55	0.17	0.03	41.7	41.0		
-70	0.02	0.10	0.30	0.68	1.20	1.81	2.47	3.07	3.55	3.60	3.22	2.70	2.09	1.47	0.85	0.40	0.14	0.03	27.7	26.6		
-80	0.01	0.07	0.17	0.34	0.59	0.90	1.23	1.55	1.83	1.86	1.64	1.37	1.07	0.77	0.47	0.25	0.10	0.02	14.2	10.8		
-90																						
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(°)			20	30	40	50	60	70	80	90		
Φ t	0.29	3.73	14.9	33.7	58.4	83.0	103	118	125	126	119	104	84.1	60.1	35.8	16.6	4.13	0.46	1130			
Φ a	0.00	1.91	13.5	32.6	57.5	82.2	103	117	125	125	118	104	83.3	59.2	34.6	15.2	2.19	0.00		1076		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月14日

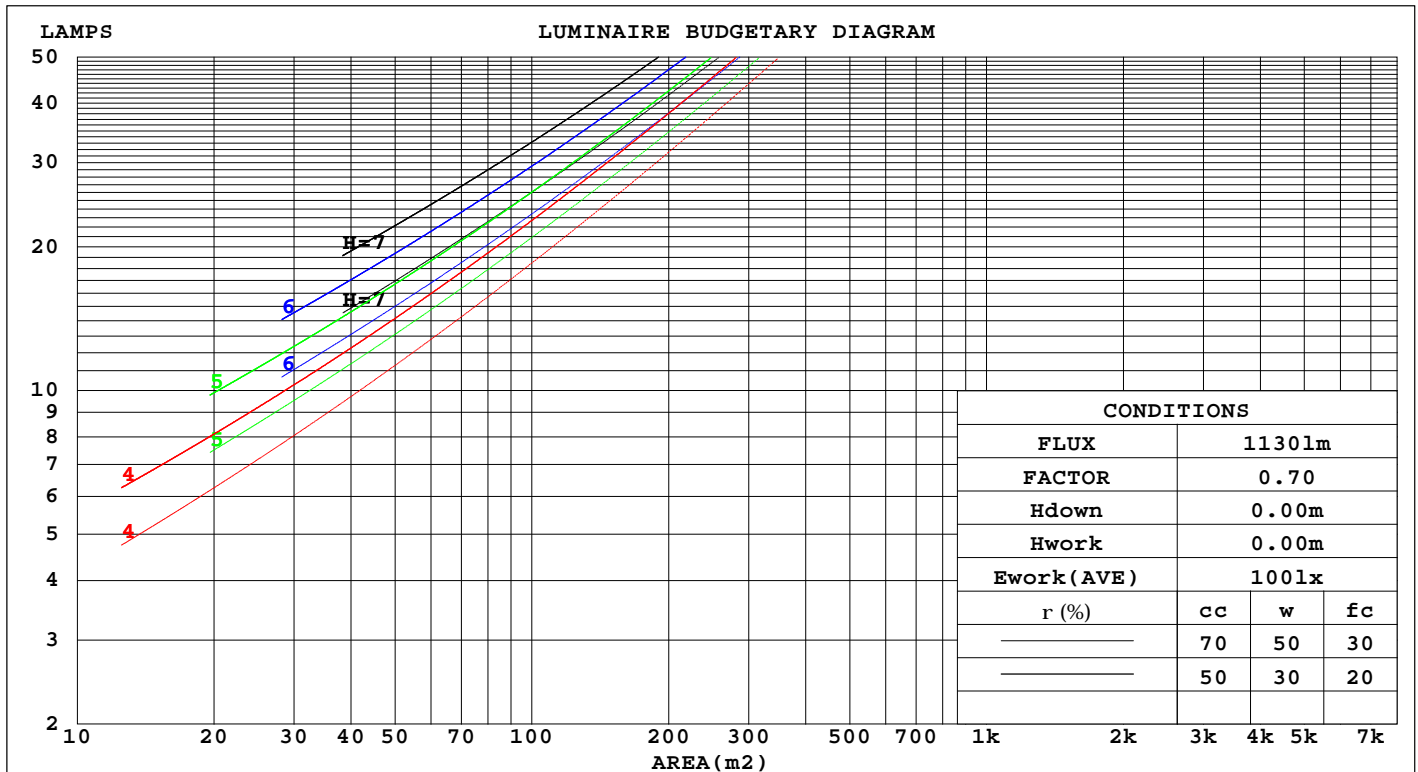
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rhc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.98	.94	.90	.96	.92	.95	.92	.89	.91	.88	.85	.86	.84	.82	.80
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.46	.58	.50	.45	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.34	.29	.24	.23



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:											
Address:											
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2216/288D			CCT(K): 6500			DIMENSION: 1M*0.01M			SERIAL No.: 20211014011		

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.318	.181	.057	.310	.177	.056	.294	.169	.054	.280	.162	.052	.267	.155	.050	
2.0	.295	.162	.050	.288	.159	.049	.274	.153	.047	.262	.147	.046	.250	.141	.045	
3.0	.272	.145	.043	.265	.142	.043	.253	.137	.042	.242	.133	.041	.232	.128	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.224	.120	.036	.214	.116	.035	
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.207	.109	.033	.199	.106	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.029	.185	.097	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.174	.084	.024	.171	.083	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.164	.078	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.144	.072	.021	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.183	.161	.178	.157	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.159	.125	.171	.137	.108	.117	.095	.075	.068	.055	.044	.022	.018	.014	
3.0	.192	.142	.102	.165	.122	.088	.113	.085	.062	.065	.050	.036	.021	.016	.012	
4.0	.185	.129	.086	.159	.111	.075	.109	.078	.053	.063	.045	.031	.020	.015	.010	
5.0	.177	.118	.075	.152	.102	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.170	.110	.067	.146	.095	.058	.101	.067	.041	.059	.039	.025	.019	.013	.008	
7.0	.163	.103	.061	.141	.090	.053	.097	.063	.038	.056	.037	.022	.018	.012	.007	
8.0	.157	.098	.057	.135	.085	.049	.094	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.151	.093	.053	.130	.080	.046	.090	.057	.033	.052	.033	.020	.017	.011	.007	
10.0	.145	.088	.051	.125	.077	.044	.087	.054	.031	.051	.032	.019	.016	.010	.006	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 2216/288D		CCT(K): 6500			DIMENSION: 1M*0.01M			SERIAL No.: 20211014011			
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	17.0	18.5	17.3	18.7	19.0	18.0	19.5	18.3	19.7	20.0
	3H	18.2	19.6	18.5	19.9	20.2	19.9	21.2	20.2	21.5	21.8
	4H	18.5	19.8	18.9	20.1	20.5	20.9	22.2	21.2	22.5	22.8
	6H	18.5	19.8	18.9	20.1	20.5	21.8	23.0	22.2	23.3	23.7
	8H	18.5	19.7	18.9	20.1	20.4	22.2	23.4	22.6	23.8	24.1
	12H	18.5	19.6	18.9	20.0	20.4	22.7	23.8	23.1	24.2	24.5
4H	2H	17.8	19.1	18.1	19.4	19.7	18.6	19.9	18.9	20.2	20.5
	3H	19.2	20.4	19.6	20.7	21.1	20.6	21.8	21.0	22.1	22.5
	4H	19.7	20.7	20.1	21.1	21.5	21.8	22.8	22.2	23.2	23.6
	6H	19.8	20.8	20.3	21.2	21.6	22.9	23.8	23.3	24.2	24.6
	8H	19.9	20.7	20.3	21.2	21.6	23.4	24.3	23.9	24.7	25.1
	12H	19.9	20.7	20.4	21.1	21.6	23.9	24.7	24.4	25.2	25.7
8H	4H	20.2	21.1	20.7	21.5	22.0	22.0	22.9	22.5	23.3	23.8
	6H	20.6	21.3	21.1	21.8	22.3	23.3	24.0	23.8	24.5	25.0
	8H	20.8	21.4	21.3	21.9	22.4	24.0	24.6	24.5	25.1	25.6
	12H	20.9	21.4	21.4	22.0	22.5	24.7	25.3	25.3	25.8	26.3
12H	4H	20.3	21.1	20.8	21.6	22.0	22.0	22.8	22.5	23.2	23.7
	6H	20.9	21.5	21.4	22.0	22.5	23.4	24.0	23.9	24.5	25.0
	8H	21.1	21.7	21.7	22.2	22.7	24.1	24.7	24.7	25.2	25.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1130 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	85	80	70
3.00	101	93	88	98	92	86	94	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	104	100	96	99	96	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

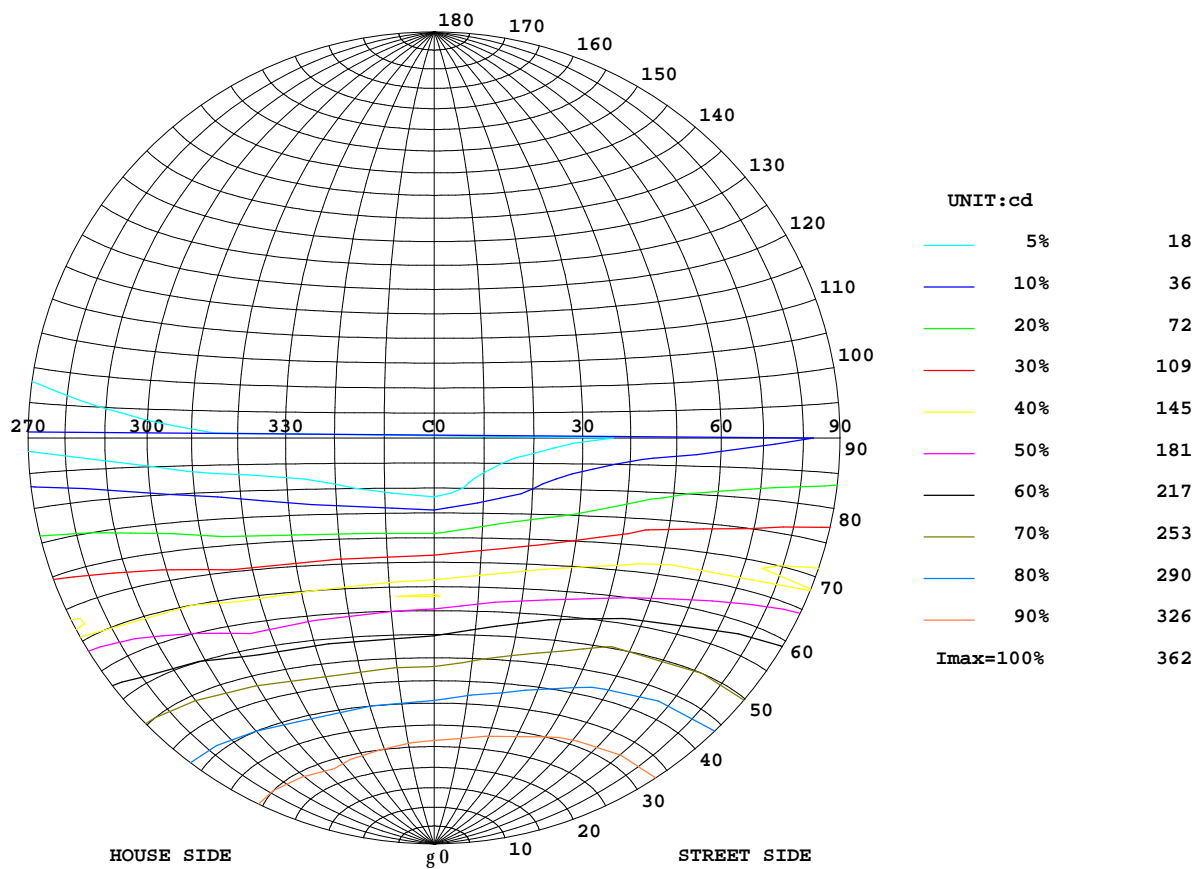
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月14日

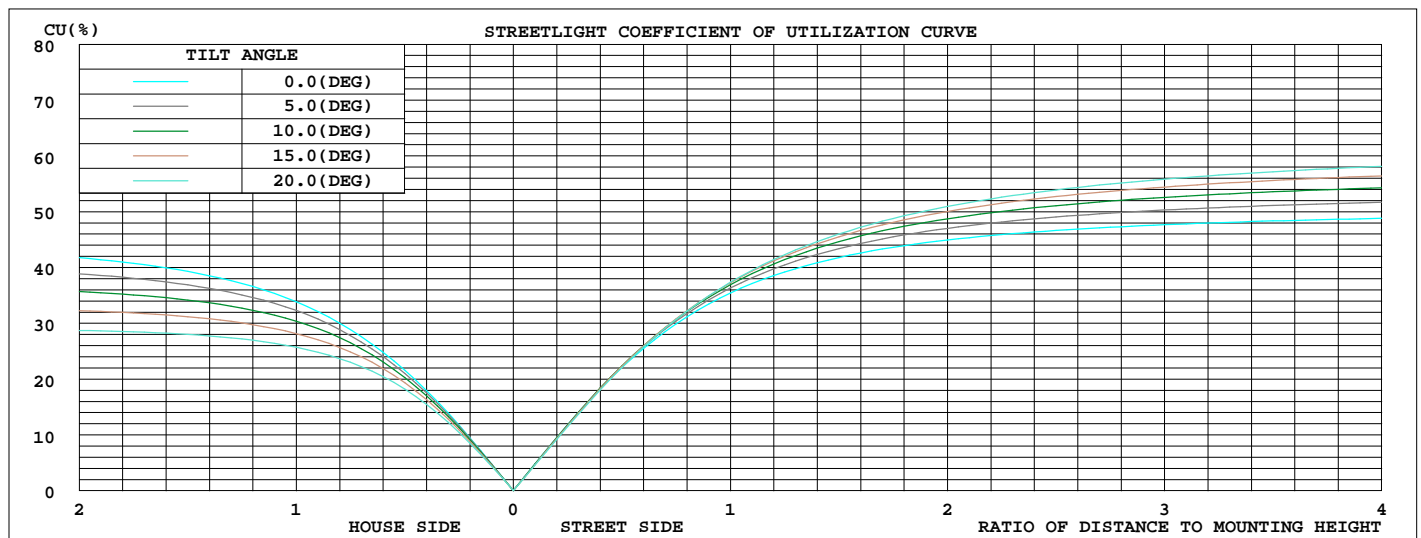
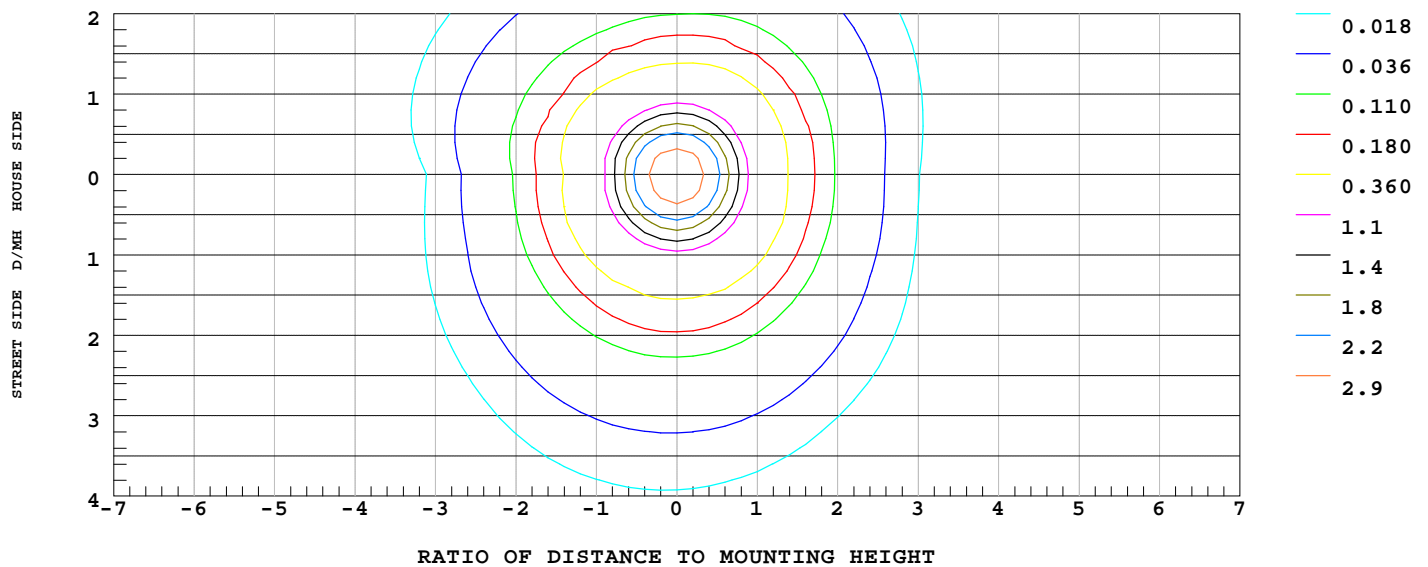
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011

ILLUMINANCE AT MH=10 m, Enadir = 3.61 lx



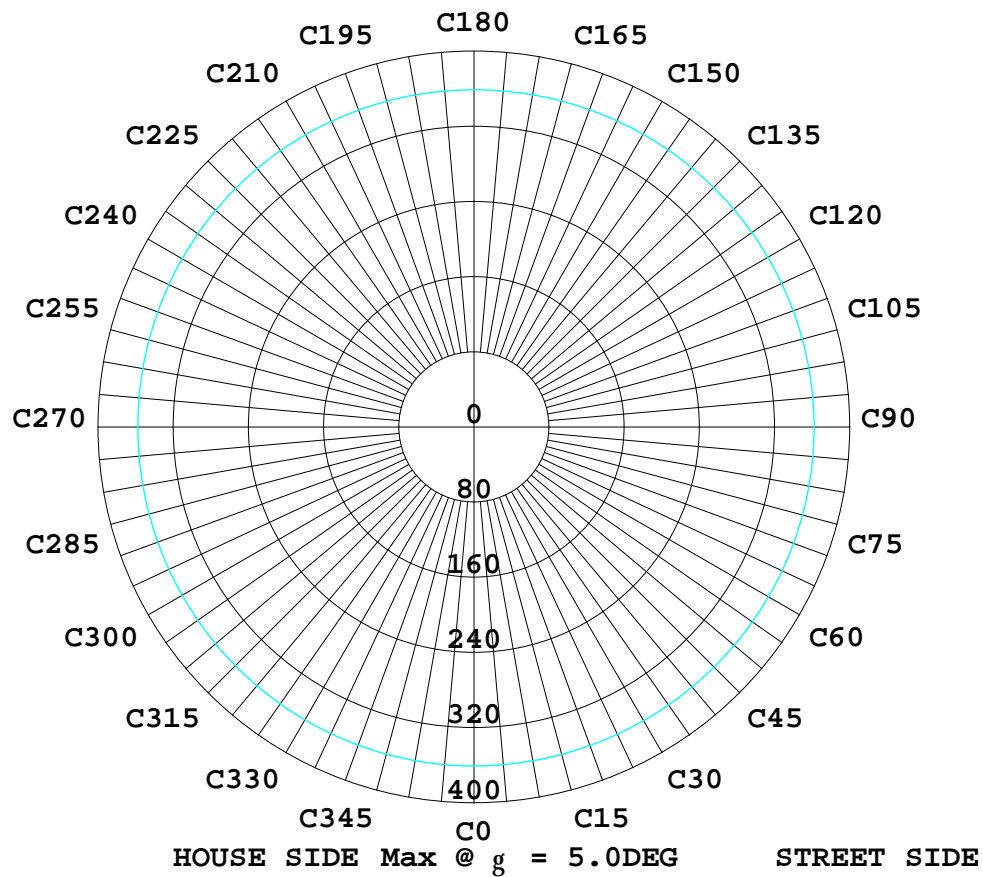
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.800 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-6500		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 6500	DIMENSION: 1M*0.01M	SERIAL No.: 20211014011



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年10月14日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.800 m
Remarks: