

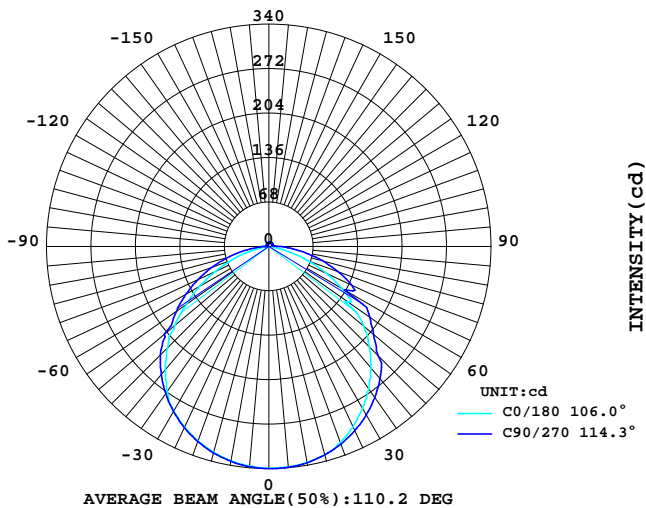
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

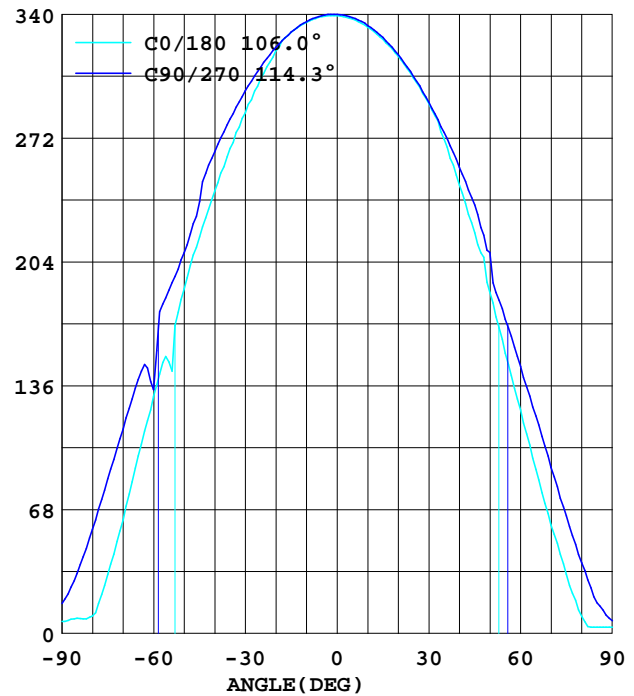
MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

DATA OF LAMP		Imax(cd)	339.7	S/MH(C0/180)	1.25
MODEL	2216	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	1017.6	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	94.4	Current(A)	0.449
NOMINAL FLUX(lm)	1017.6	h up(%)	3.5	Power(W)	10.78
LAMPS QUANTITY	1	h down(%)	96.5	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	966.6	EEL	0.144

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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

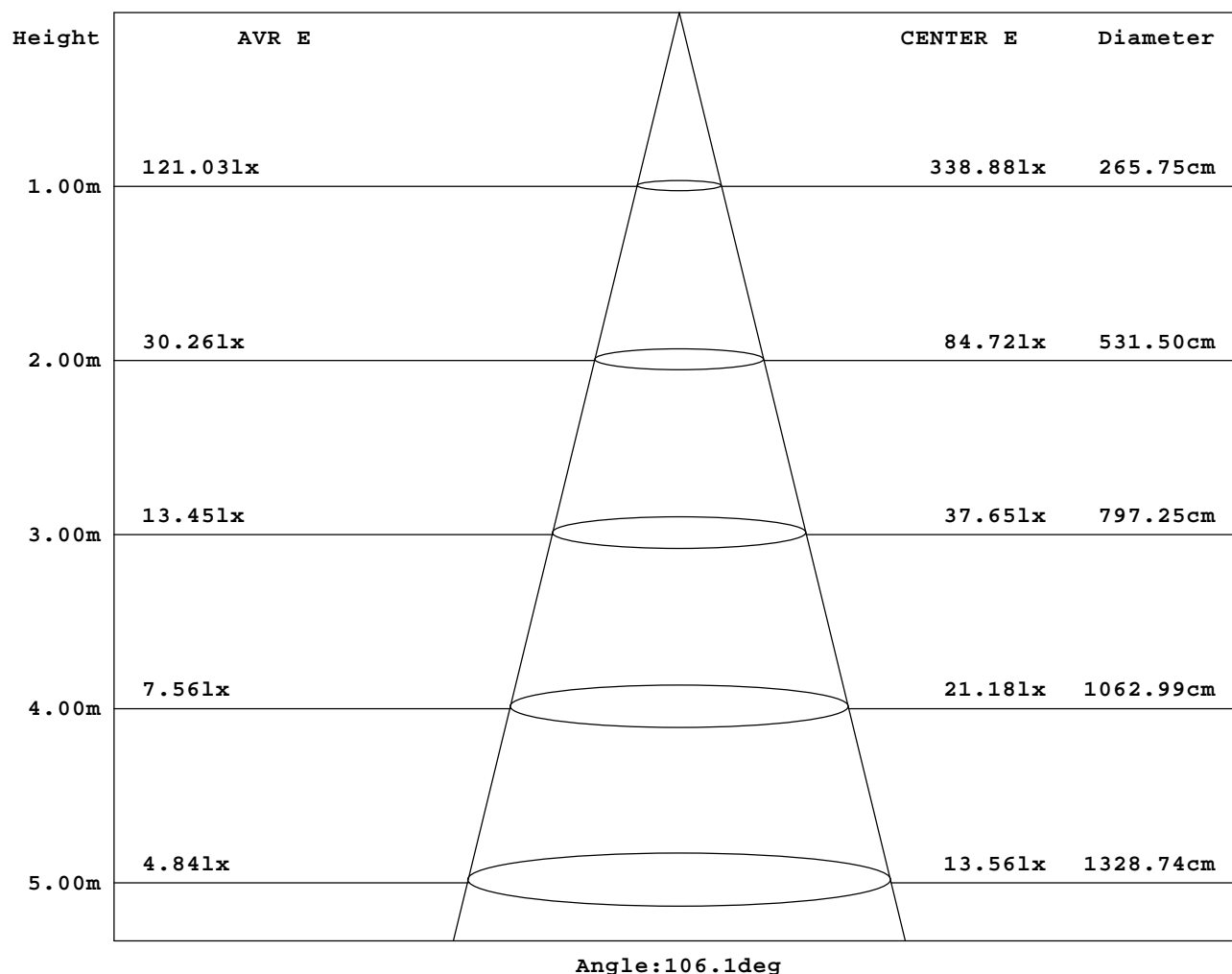
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月14日

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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012



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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	338.4	337.9	338.9	337.9	337.0	338.7	337.9	338.7	0- 5	8.100	8.100
10.0	335.2	333.6	335.6	333.6	332.6	335.3	333.5	335.3	5- 10	24.06	32.16
15.0	329.8	327.2	329.9	327.1	325.9	329.4	326.9	329.5	10- 15	39.31	71.47
20.0	319.6	318.1	321.6	317.9	316.5	321.2	317.5	321.2	15- 20	53.36	124.8
25.0	304.4	306.4	310.6	306.1	304.6	310.3	305.5	310.4	20- 25	65.71	190.5
30.0	285.6	292.8	297.8	292.5	290.7	297.0	291.5	296.9	25- 30	75.99	266.5
35.0	266.0	276.3	282.1	276.3	271.1	281.8	274.8	281.6	30- 35	83.85	350.4
40.0	242.6	257.4	264.1	257.4	245.9	263.6	255.6	263.2	35- 40	88.86	439.2
45.0	217.6	237.0	236.8	237.5	219.7	243.3	235.0	242.6	40- 45	90.88	530.1
50.0	189.1	213.8	209.0	214.3	187.0	221.7	209.0	220.7	45- 50	89.21	619.3
55.0	148.9	177.7	188.2	177.1	153.7	197.2	172.3	193.6	50- 55	83.69	703.0
60.0	130.1	142.7	133.7	144.3	122.5	154.6	146.5	139.3	55- 60	74.31	777.3
65.0	97.34	118.0	139.3	116.9	90.06	133.1	119.3	134.0	60- 65	63.22	840.6
70.0	62.26	88.82	112.0	88.20	59.39	104.8	91.06	101.6	65- 70	52.20	892.8
75.0	32.44	61.33	84.87	60.24	32.36	81.85	64.50	74.49	70- 75	39.60	932.4
80.0	9.525	40.19	57.22	40.19	9.370	54.44	38.79	49.87	75- 80	25.96	958.3
85.0	8.286	20.52	32.91	20.98	3.407	33.68	16.72	29.73	80- 85	15.70	974.1
90.0	6.504	7.821	16.41	7.124	3.484	15.95	6.969	14.09	85- 90	8.080	982.1
95.0	6.117	3.484	8.983	3.329	3.639	8.286	3.794	8.208	90- 95	3.967	986.1
100.0	5.962	3.407	6.504	3.252	3.872	7.124	3.329	7.201	95-100	2.875	989.0
105.0	5.808	3.562	6.195	3.562	4.104	6.892	3.562	7.047	100-105	2.725	991.7
110.0	5.808	3.872	6.040	3.717	4.336	6.737	3.794	6.737	105-110	2.670	994.4
115.0	5.808	4.181	5.962	3.949	4.568	6.504	4.026	6.427	110-115	2.606	997.0
120.0	5.808	4.259	5.962	4.104	4.801	6.427	4.181	6.427	115-120	2.537	999.5
125.0	5.885	4.414	5.962	4.259	5.033	6.427	4.414	6.350	120-125	2.444	1002
130.0	5.962	4.646	6.040	4.568	5.265	6.427	4.646	6.350	125-130	2.351	1004
135.0	6.040	4.801	6.117	4.801	5.420	6.504	4.878	6.427	130-135	2.247	1007
140.0	6.117	5.033	6.195	4.956	5.653	6.582	5.033	6.504	135-140	2.110	1009
145.0	6.272	5.188	6.272	5.188	5.808	6.582	5.265	6.582	140-145	1.946	1011
150.0	6.350	5.343	6.350	5.343	6.040	6.659	5.420	6.582	145-150	1.750	1012
155.0	6.427	5.498	6.427	5.420	6.195	6.737	5.575	6.659	150-155	1.530	1014
160.0	6.504	5.575	6.504	5.575	6.272	6.737	5.730	6.659	155-160	1.290	1015
165.0	6.582	5.730	6.582	5.653	6.427	6.659	5.808	6.659	160-165	1.027	1016
170.0	6.659	5.808	6.582	5.808	6.504	6.659	5.885	6.659	165-170	0.746	1017
175.0	6.659	5.885	6.659	5.885	6.582	6.659	5.962	6.659	170-175	0.454	1017
180.0	6.582	6.040	6.582	5.962	6.892	6.582	6.040	6.504	175-180	0.152	1018
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:

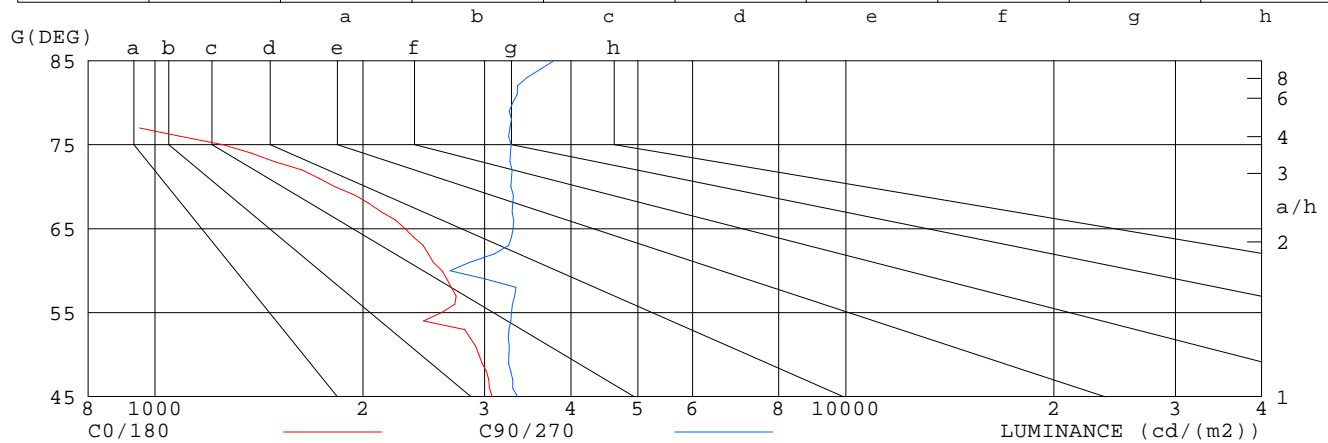
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

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	951	3776
80	549	3296
75	1254	3279
70	1820	3276
65	2303	3298
60	2604	2675
55	2598	3282
50	2942	3253
45	3077	3350

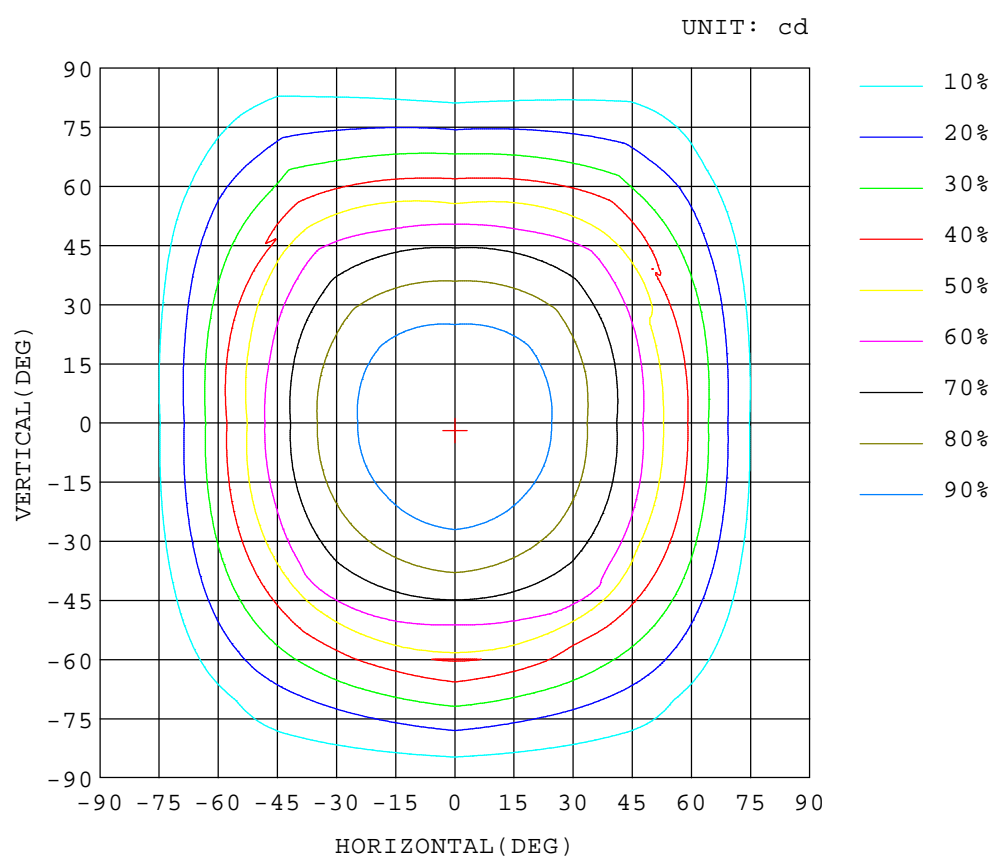
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年10月14日

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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012



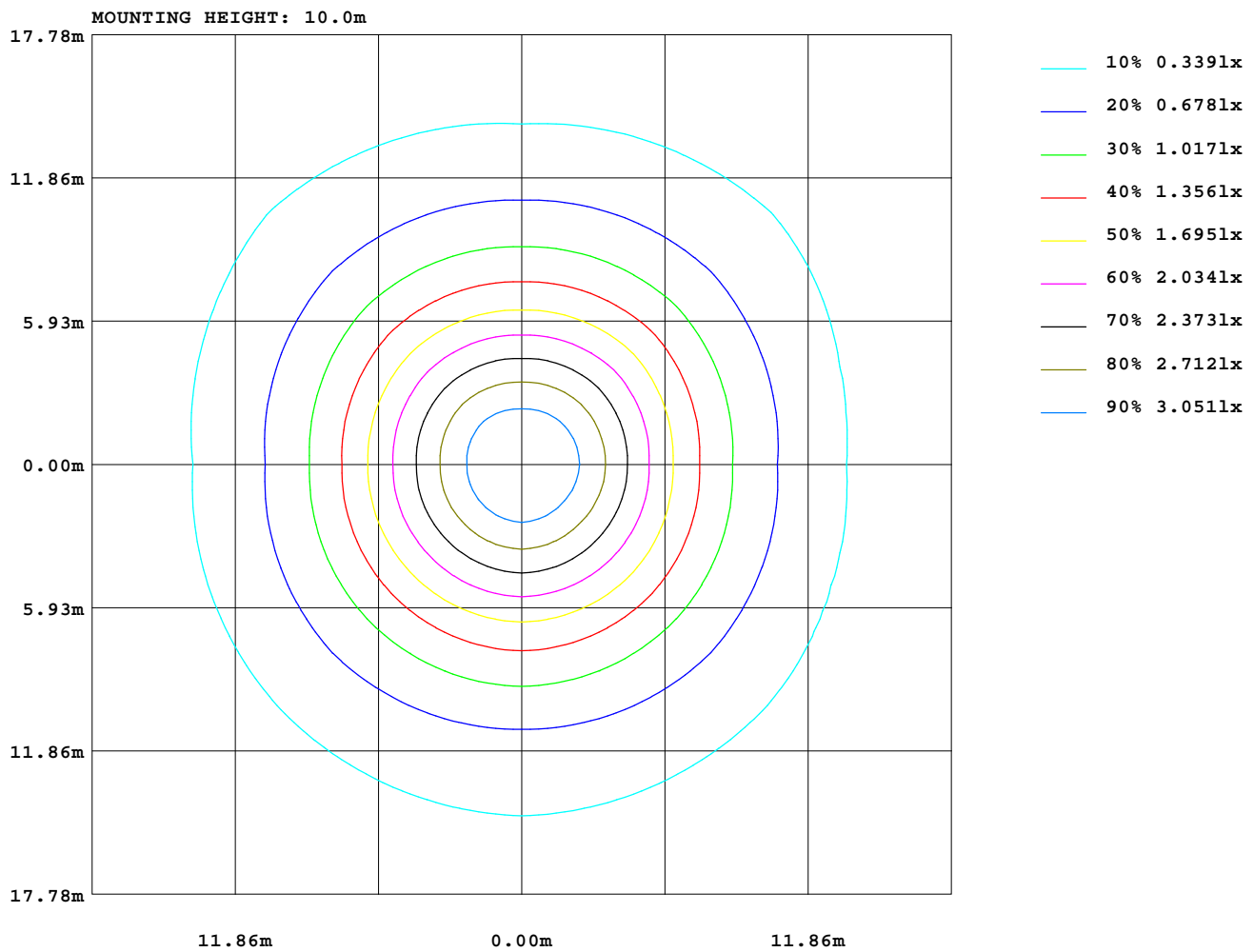
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月14日

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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012



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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

		AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
VERTICAL(DEG)	90																					
	80	0.01	0.07	0.18	0.36	0.58	0.68	0.71	0.70	0.64	0.62	0.66	0.66	0.61	0.52	0.33	0.18	0.08	0.02	7.64	1.93	
	70	0.02	0.10	0.30	0.68	1.20	1.57	1.83	1.98	1.99	1.97	1.92	1.74	1.46	1.09	0.63	0.30	0.11	0.02	18.9	17.7	
	60	0.02	0.12	0.45	1.09	1.95	2.62	3.13	3.48	3.62	3.62	3.46	3.09	2.53	1.84	1.02	0.42	0.14	0.03	32.6	31.9	
	50	0.02	0.15	0.66	1.52	2.60	3.63	4.51	5.09	5.29	5.27	5.03	4.44	3.58	2.58	1.48	0.62	0.16	0.03	46.7	46.2	
	40	0.02	0.20	0.85	1.90	3.26	4.88	5.94	6.69	7.07	7.06	6.68	5.92	4.80	3.22	1.93	0.83	0.19	0.03	61.5	61.2	
	30	0.02	0.24	1.00	2.24	3.96	5.66	7.00	7.88	8.31	8.31	7.87	6.99	5.64	3.92	2.28	1.01	0.23	0.03	72.6	72.4	
		0.02	0.28	1.12	2.54	4.39	6.20	7.74	8.75	9.24	9.24	8.75	7.72	6.17	4.37	2.57	1.16	0.27	0.03	80.6	80.4	
		0.02	0.29	1.19	2.71	4.66	6.57	8.19	9.33	9.87	9.87	9.33	8.16	6.51	4.64	2.72	1.25	0.29	0.02	85.7	85.5	
		0.01	0.29	1.20	2.75	4.75	6.74	8.39	9.55	10.1	10.2	9.62	8.36	6.63	4.71	2.76	1.28	0.29	0.02	87.7	87.6	
		0.01	0.29	1.19	2.72	4.73	6.72	8.36	9.52	10.1	10.1	9.59	8.33	6.61	4.70	2.75	1.27	0.29	0.02	87.5	87.3	
		0.01	0.28	1.16	2.65	4.61	6.51	8.11	9.25	9.90	9.90	9.26	8.08	6.45	4.60	2.68	1.22	0.28	0.02	85.0	84.8	
	-30	0.01	0.26	1.07	2.44	4.30	6.10	7.61	8.71	9.32	9.32	8.71	7.60	6.07	4.30	2.48	1.12	0.26	0.02	79.7	79.5	
	-40	0.01	0.22	0.93	2.13	3.74	5.51	6.88	7.89	8.46	8.46	7.89	6.87	5.50	3.76	2.18	0.96	0.22	0.03	71.6	71.4	
	-50	0.01	0.17	0.75	1.74	3.02	4.52	5.81	6.67	7.15	7.15	6.67	5.84	4.55	3.03	1.79	0.76	0.17	0.02	59.8	59.5	
	-60	0.01	0.12	0.54	1.31	2.31	3.36	4.31	5.08	5.54	5.54	5.09	4.29	3.34	2.33	1.33	0.54	0.13	0.02	45.2	44.7	
-70	0.01	0.09	0.35	0.85	1.56	2.34	3.08	3.66	3.99	3.99	3.66	3.09	2.35	1.58	0.86	0.35	0.11	0.02	31.9	31.1		
-80	0.01	0.07	0.21	0.49	0.89	1.32	1.77	2.17	2.47	2.47	2.18	1.78	1.33	0.89	0.50	0.23	0.09	0.02	18.9	17.2		
-90	0.01	0.04	0.11	0.21	0.36	0.53	0.70	0.87	1.00	1.00	0.87	0.70	0.53	0.36	0.23	0.13	0.06	0.02	7.71	2.73		
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90	
Φ t		0.27	3.28	13.2	30.3	52.9	75.5	94.1	107	114	114	107	93.7	74.7	52.5	30.5	13.6	3.37	0.43	1018		
Φ a		0.00	1.56	11.9	29.2	52.0	74.6	93.2	106	113	113	106	92.8	73.8	51.5	29.4	12.1	1.53	0.00		967	

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

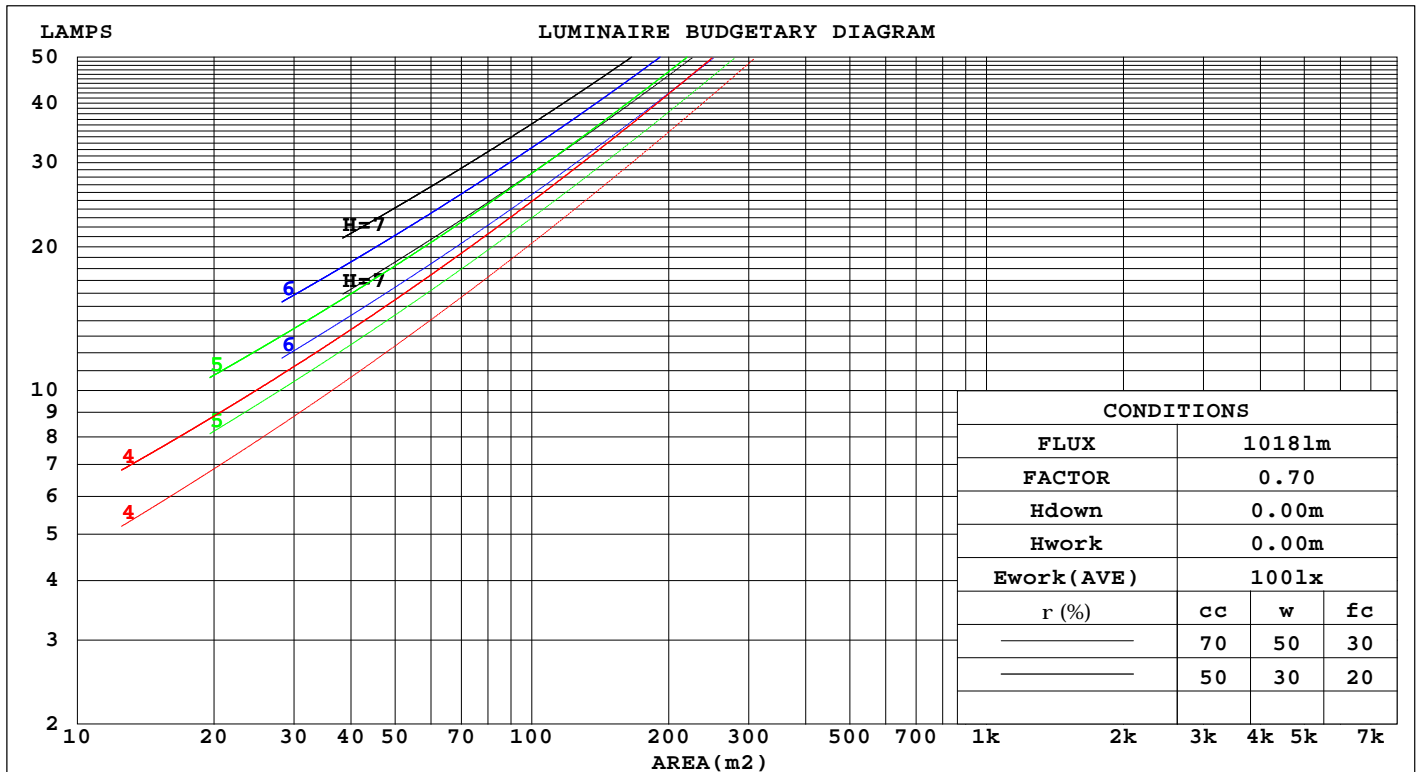
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	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	.97
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.90	.83	.77	.88	.81	.76	.83	.78	.74	.80	.75	.71	.76	.73	.69	.67
3.0	.79	.71	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.53	.63	.56	.52	.60	.55	.50	.48
5.0	.62	.53	.47	.61	.53	.46	.58	.51	.45	.56	.50	.45	.54	.48	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.36
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.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-2700						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2216/288D				CCT(K): 2700			DIMENSION: 1M*0.01M			SERIAL No.: 20211014012	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.311	.177	.056	.303	.173	.055	.287	.165	.053	.273	.158	.051	.260	.151	.049	
2.0	.290	.159	.049	.283	.156	.048	.269	.150	.047	.257	.144	.045	.245	.139	.044	
3.0	.268	.143	.043	.262	.140	.042	.250	.135	.041	.239	.131	.040	.228	.126	.039	
4.0	.247	.129	.038	.242	.126	.037	.231	.122	.037	.221	.119	.036	.212	.115	.035	
5.0	.229	.117	.034	.224	.115	.033	.214	.111	.033	.205	.108	.032	.197	.105	.032	
6.0	.212	.106	.030	.208	.105	.030	.199	.102	.030	.191	.099	.029	.183	.097	.029	
7.0	.198	.098	.028	.193	.096	.027	.186	.094	.027	.178	.091	.027	.172	.089	.026	
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.167	.085	.024	.161	.083	.024	
9.0	.173	.084	.023	.170	.083	.023	.163	.081	.023	.157	.079	.023	.152	.077	.022	
10.0	.163	.078	.022	.160	.077	.022	.154	.075	.021	.148	.074	.021	.143	.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	
r fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.217	.217	.217	.185	.185	.185	.127	.127	.127	.073	.073	.073	.023	.023	.023		
1.0	.207	.183	.161	.177	.157	.139	.121	.108	.096	.070	.062	.056	.022	.020	.018		
2.0	.199	.159	.125	.170	.137	.108	.117	.095	.075	.067	.055	.044	.022	.018	.014		
3.0	.191	.141	.102	.164	.122	.088	.113	.085	.062	.065	.049	.036	.021	.016	.012		
4.0	.184	.128	.086	.158	.111	.075	.108	.077	.052	.063	.045	.031	.020	.015	.010		
5.0	.176	.118	.075	.151	.102	.065	.104	.071	.046	.060	.042	.027	.019	.014	.009		
6.0	.169	.109	.067	.145	.095	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008		
7.0	.162	.103	.061	.140	.089	.053	.096	.062	.038	.056	.037	.022	.018	.012	.007		
8.0	.156	.097	.056	.134	.084	.049	.093	.059	.035	.054	.035	.021	.017	.011	.007		
9.0	.150	.092	.053	.129	.080	.046	.089	.056	.033	.052	.033	.020	.017	.011	.006		
10.0	.144	.088	.050	.124	.076	.044	.086	.054	.031	.050	.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-2700						TYPE: LED Strip		WEIGHT:			
SPECIFICATION: 2216/288D			CCT(K): 2700			DIMENSION: 1M*0.01M			SERIAL No.: 20211014012		
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	16.1	17.6	16.4	17.9	18.1	16.8	18.2	17.1	18.5	18.8
	3H	17.2	18.5	17.5	18.8	19.1	18.5	19.9	18.9	20.2	20.5
	4H	17.4	18.7	17.8	19.0	19.4	19.3	20.6	19.7	20.9	21.2
	6H	17.4	18.7	17.8	19.0	19.3	20.0	21.2	20.4	21.5	21.9
	8H	17.4	18.6	17.8	18.9	19.3	20.2	21.4	20.6	21.8	22.1
	12H	17.4	18.5	17.8	18.9	19.3	20.5	21.6	20.9	22.0	22.3
4H	2H	16.8	18.0	17.1	18.4	18.7	17.3	18.5	17.6	18.9	19.2
	3H	18.0	19.1	18.4	19.5	19.9	19.2	20.3	19.6	20.7	21.1
	4H	18.4	19.4	18.8	19.8	20.2	20.1	21.1	20.5	21.5	21.9
	6H	18.5	19.4	19.0	19.8	20.3	20.9	21.8	21.4	22.2	22.7
	8H	18.5	19.4	19.0	19.8	20.3	21.3	22.1	21.7	22.5	23.0
	12H	18.5	19.3	19.0	19.8	20.2	21.6	22.4	22.1	22.8	23.3
8H	4H	18.7	19.6	19.2	20.0	20.5	20.3	21.1	20.7	21.6	22.0
	6H	19.0	19.7	19.5	20.2	20.7	21.2	21.9	21.7	22.4	22.9
	8H	19.1	19.7	19.6	20.2	20.7	21.7	22.3	22.2	22.8	23.3
	12H	19.2	19.7	19.7	20.3	20.8	22.2	22.7	22.7	23.2	23.8
12H	4H	18.8	19.6	19.3	20.0	20.5	20.3	21.0	20.7	21.5	22.0
	6H	19.1	19.8	19.7	20.3	20.8	21.3	21.9	21.8	22.4	22.9
	8H	19.3	19.8	19.8	20.3	20.9	21.8	22.3	22.3	22.8	23.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.1					
1.5H	+ 0.3 / - 0.6					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.5					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 1018 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

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	45	38	56	45	38	54	44	38	31
0.80	67	55	47	65	54	47	63	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	77	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	67
2.50	98	90	84	95	88	83	91	85	80	71
3.00	101	94	88	99	92	87	94	89	85	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	108	103	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

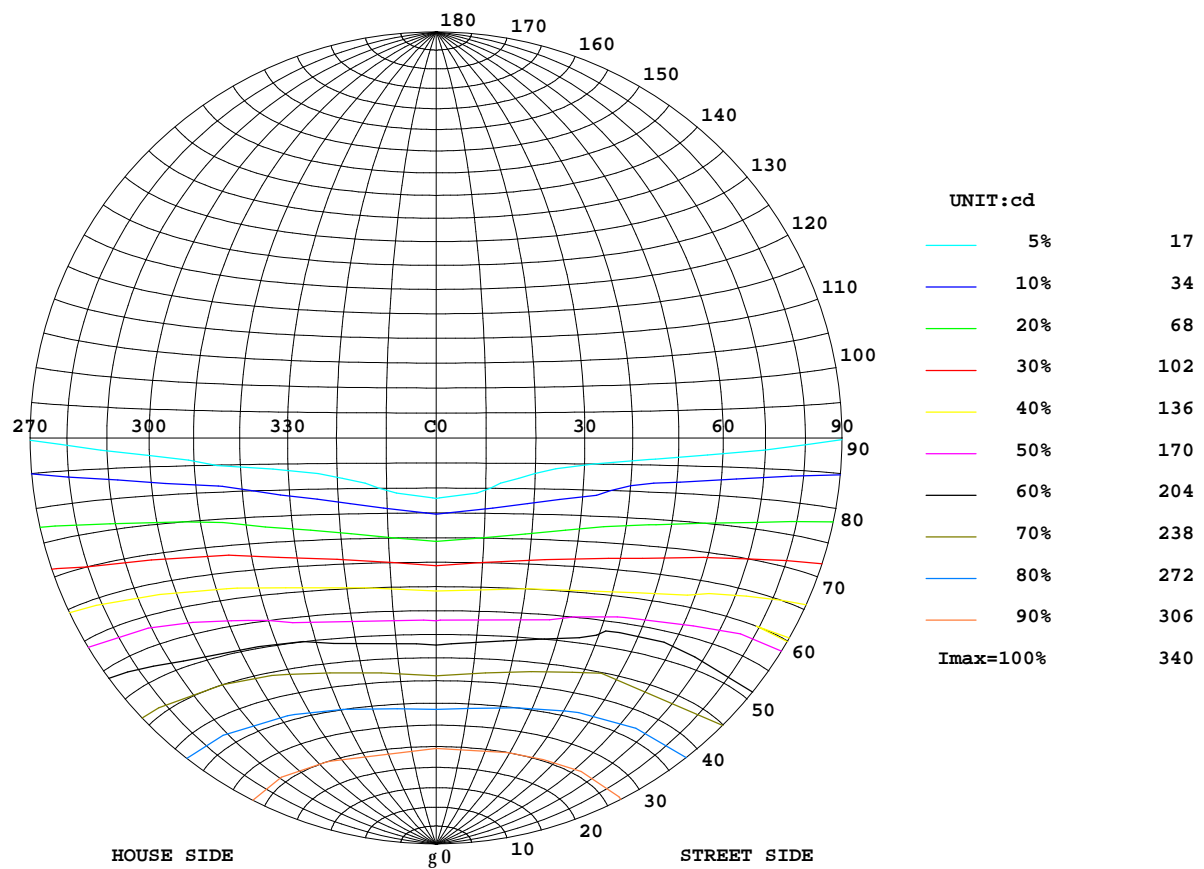
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月14日

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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012



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

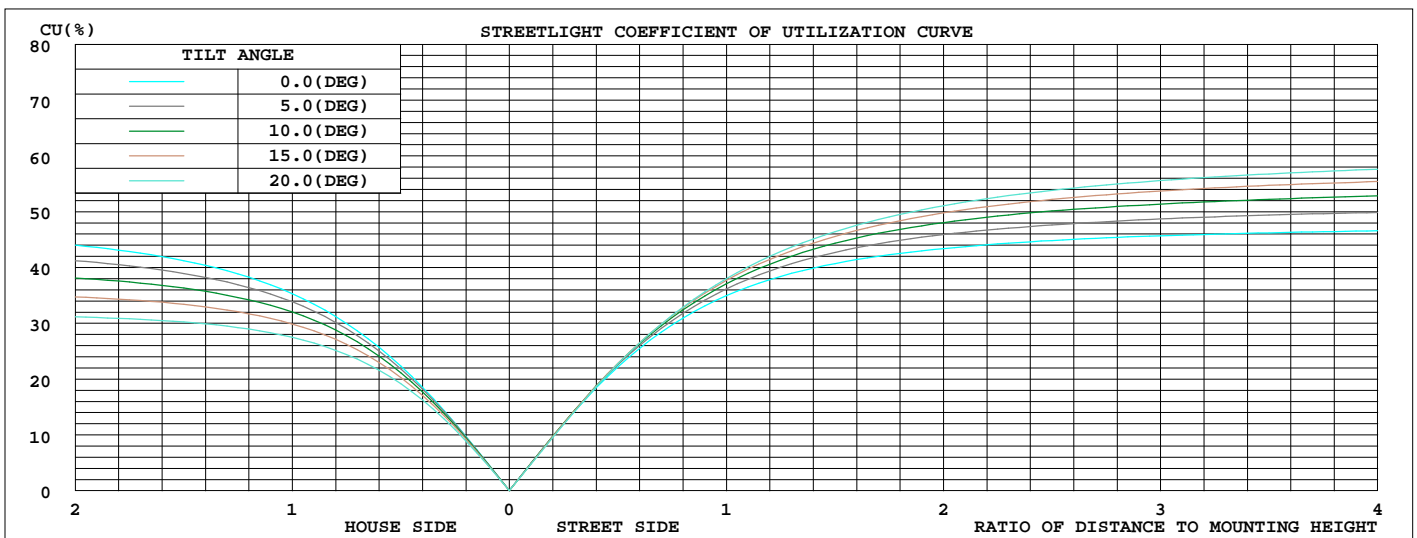
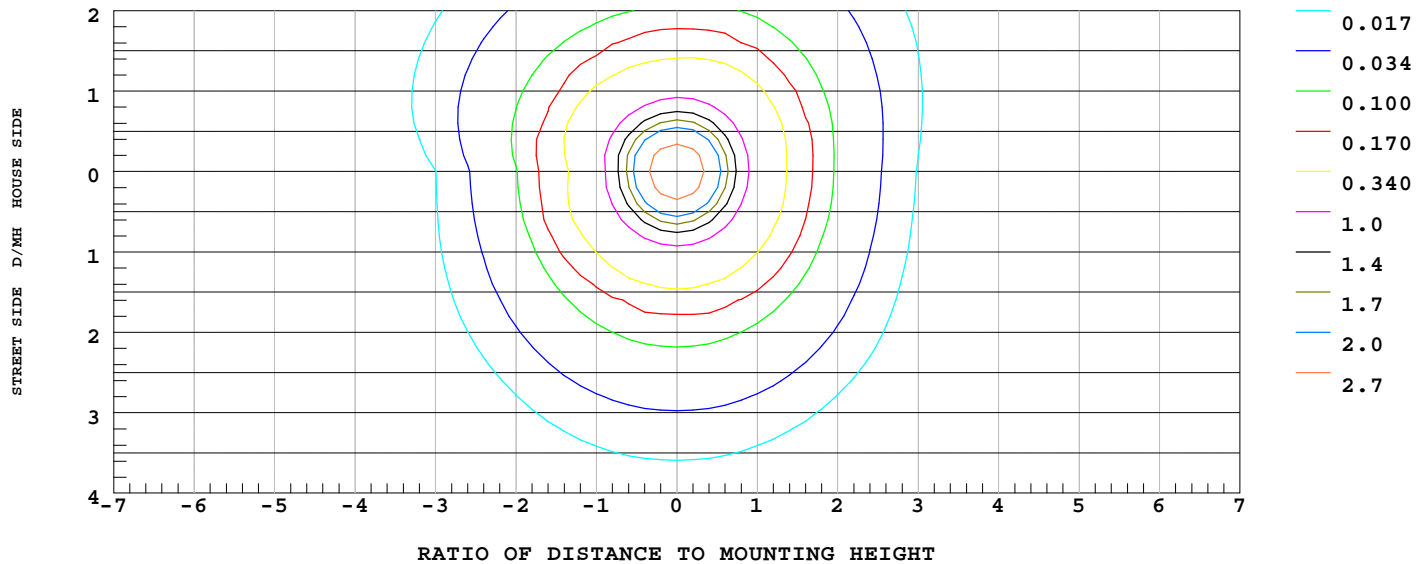
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 30-RS-2216-24-288-10-X-Y-Z-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012

ILLUMINANCE AT MH=10 m, Enadir = 3.39 lx



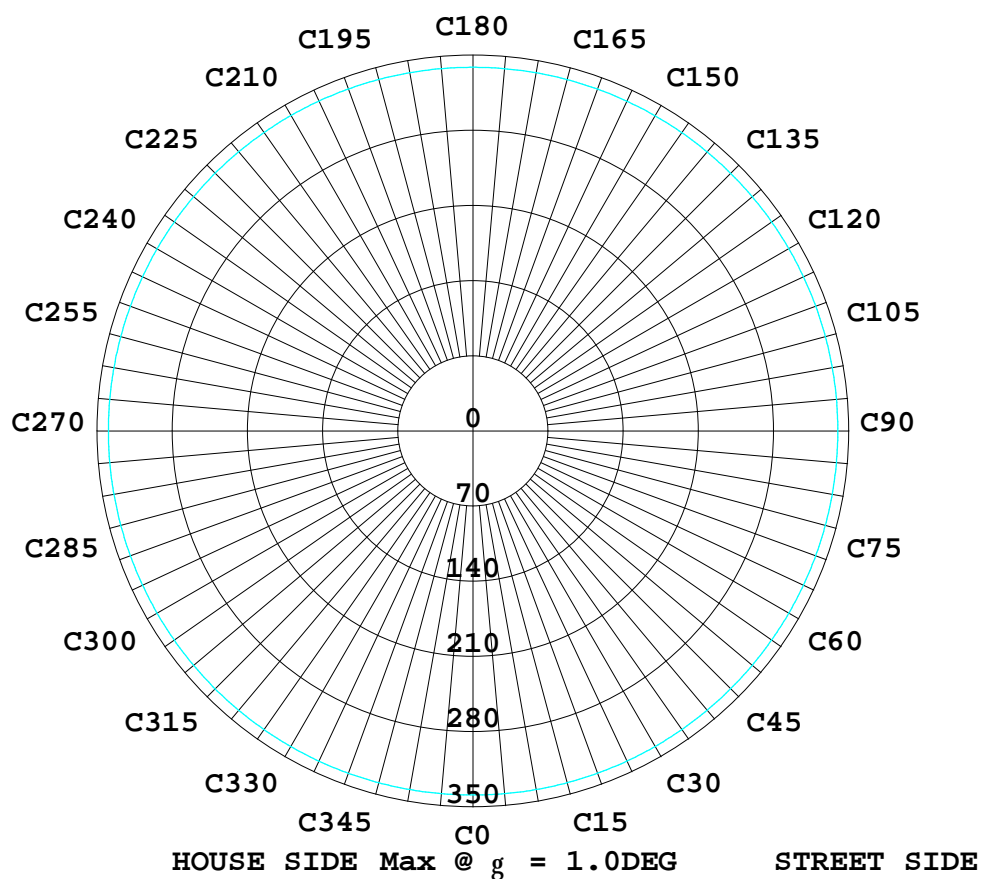
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月14日

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-2700		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2216/288D	CCT(K): 2700	DIMENSION: 1M*0.01M	SERIAL No.: 20211014012



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: