

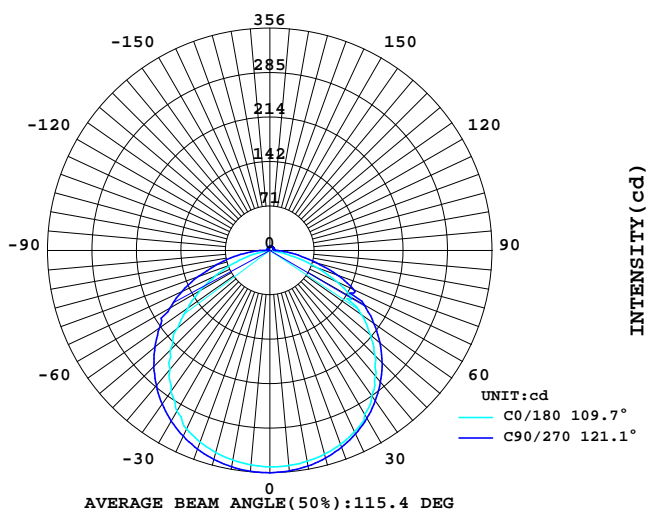
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

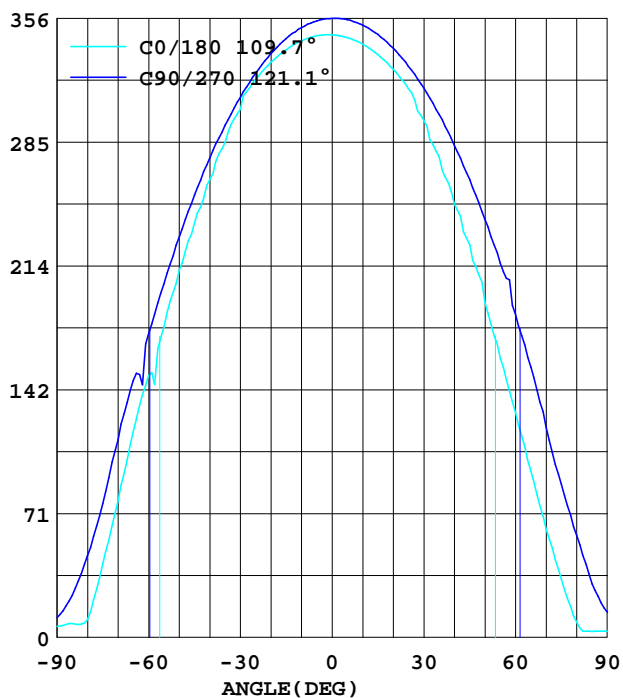
MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

DATA OF LAMP		Imax(cd)	356.3	S/MH(C0/180)	1.30
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	1109.9	Voltage(V)	23.94
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	166.2	Current(A)	0.279
NOMINAL FLUX(lm)	1110.0	h up(%)	3.4	Power(W)	6.680
LAMPS QUANTITY	1	h down(%)	96.6	Power Factor(PF)	1.000
TEST VOLTAGE(V)	23.9	Effective Flux(lm)	1056.0	EEL	0.083

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

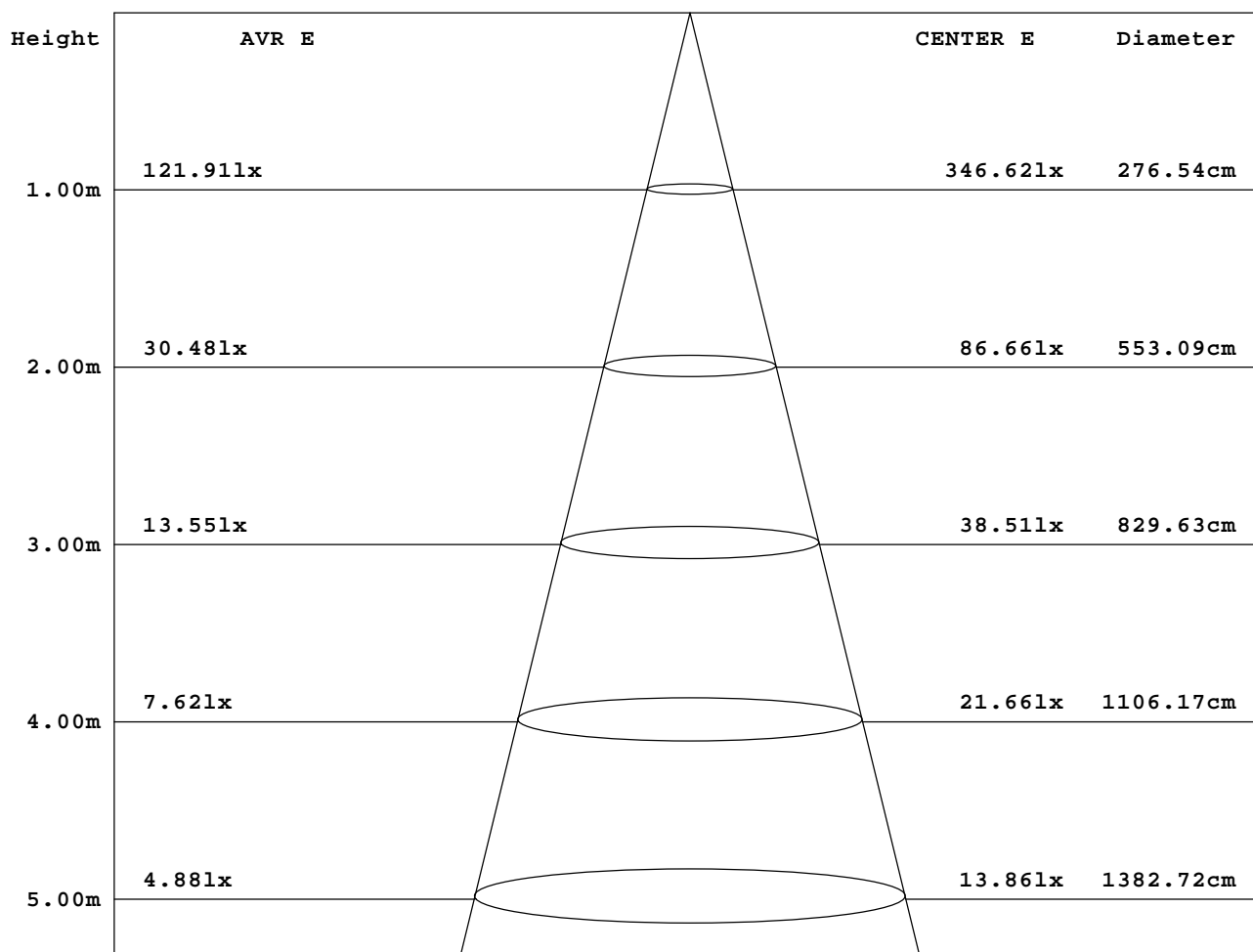
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年12月28日

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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001



Angle:108.3deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	346.0	350.9	354.5	353.9	345.0	353.3	355.2	355.8	0- 5	8.426	8.426
10.0	343.2	346.3	350.8	349.4	341.2	351.1	352.1	353.3	5- 10	25.05	33.48
15.0	338.1	339.4	344.3	342.9	335.3	346.7	346.7	348.6	10- 15	41.00	74.48
20.0	330.8	329.8	335.8	333.6	326.7	340.0	338.8	341.6	15- 20	55.82	130.3
25.0	320.9	317.6	324.5	321.6	315.6	330.8	328.4	332.0	20- 25	69.08	199.4
30.0	303.7	303.4	310.6	307.9	297.6	318.8	316.1	319.9	25- 30	80.26	279.6
35.0	284.6	286.2	294.6	290.8	276.6	305.1	300.8	304.8	30- 35	88.78	368.4
40.0	263.3	266.3	275.6	271.3	249.2	288.2	282.8	278.0	35- 40	94.29	462.7
45.0	238.9	245.0	254.7	250.1	225.8	268.8	263.2	252.6	40- 45	96.61	559.3
50.0	211.3	220.0	230.3	225.4	192.7	247.7	240.4	238.9	45- 50	96.06	655.4
55.0	178.4	189.6	203.2	205.9	160.5	223.3	215.2	217.2	50- 55	92.61	748.0
60.0	150.6	160.5	174.6	166.4	129.0	196.1	185.7	184.8	55- 60	84.71	832.7
65.0	118.1	128.5	147.6	134.5	95.56	158.6	155.4	149.6	60- 65	73.78	906.5
70.0	78.75	96.72	113.7	102.7	62.72	141.2	121.1	136.2	65- 70	61.79	968.3
75.0	42.51	64.19	77.05	70.00	33.60	108.2	88.12	102.6	70- 75	46.93	1015
80.0	10.14	32.60	47.08	36.70	8.673	73.72	58.54	70.78	75- 80	30.54	1046
85.0	8.053	14.71	24.08	17.50	3.484	44.76	30.89	42.82	80- 85	17.50	1063
90.0	6.427	5.033	11.38	5.653	3.639	21.14	14.40	20.67	85- 90	9.074	1072
95.0	6.195	3.329	7.511	3.562	3.794	7.821	5.962	9.912	90- 95	4.338	1077
100.0	6.117	3.484	6.504	3.639	4.026	7.047	3.639	7.047	95-100	2.944	1080
105.0	6.040	3.794	6.427	3.872	4.259	6.969	3.872	6.969	100-105	2.805	1082
110.0	6.040	4.026	6.350	4.026	4.491	6.814	4.104	6.892	105-110	2.776	1085
115.0	6.117	4.259	6.350	4.181	4.723	6.737	4.336	6.892	110-115	2.732	1088
120.0	6.117	4.491	6.427	4.414	4.956	6.737	4.491	6.814	115-120	2.674	1091
125.0	6.195	4.723	6.504	4.646	5.188	6.737	4.723	6.814	120-125	2.598	1093
130.0	6.272	4.956	6.582	4.878	5.420	6.737	5.033	6.892	125-130	2.505	1096
135.0	6.427	5.188	6.659	5.111	5.653	6.814	5.265	6.969	130-135	2.394	1098
140.0	6.504	5.343	6.737	5.343	5.885	6.892	5.420	7.047	135-140	2.250	1100
145.0	6.582	5.575	6.892	5.498	6.040	6.969	5.653	7.124	140-145	2.078	1102
150.0	6.737	5.808	6.969	5.730	6.272	7.047	5.885	7.124	145-150	1.876	1104
155.0	6.814	5.962	7.047	5.885	6.427	7.124	6.040	7.201	150-155	1.645	1106
160.0	6.892	5.962	7.124	6.040	6.582	7.201	6.195	7.279	155-160	1.386	1107
165.0	6.969	6.040	7.124	6.117	6.737	7.201	6.272	7.279	160-165	1.102	1109
170.0	7.047	6.195	7.201	6.272	6.814	7.279	6.350	7.279	165-170	0.804	1109
175.0	7.124	6.272	7.201	6.350	6.892	7.279	6.427	7.279	170-175	0.488	1110
180.0	7.047	6.427	7.124	6.504	7.201	7.124	6.582	7.124	175-180	0.164	1110
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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

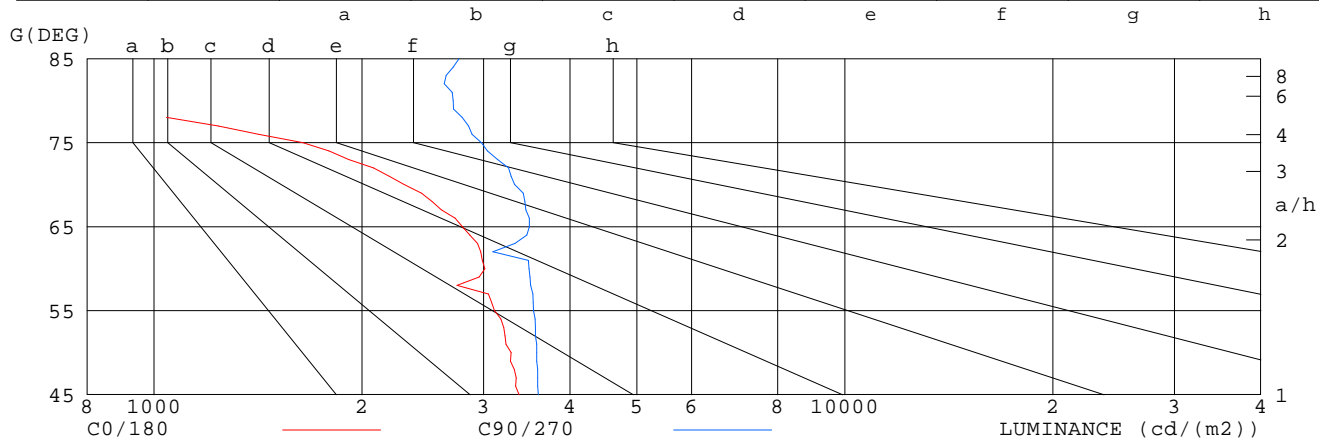
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

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



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	924	2763
80	584	2711
75	1643	2977
70	2303	3326
65	2796	3494
60	3012	3493
55	3112	3544
50	3288	3583
45	3379	3602

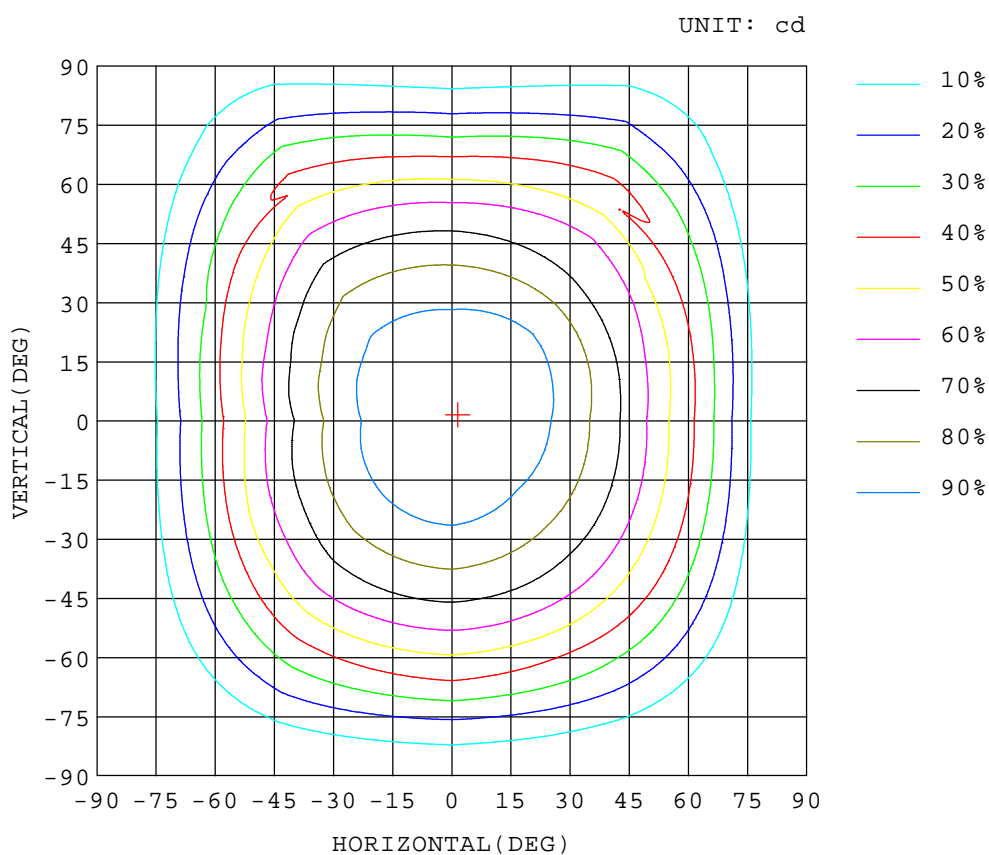
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001



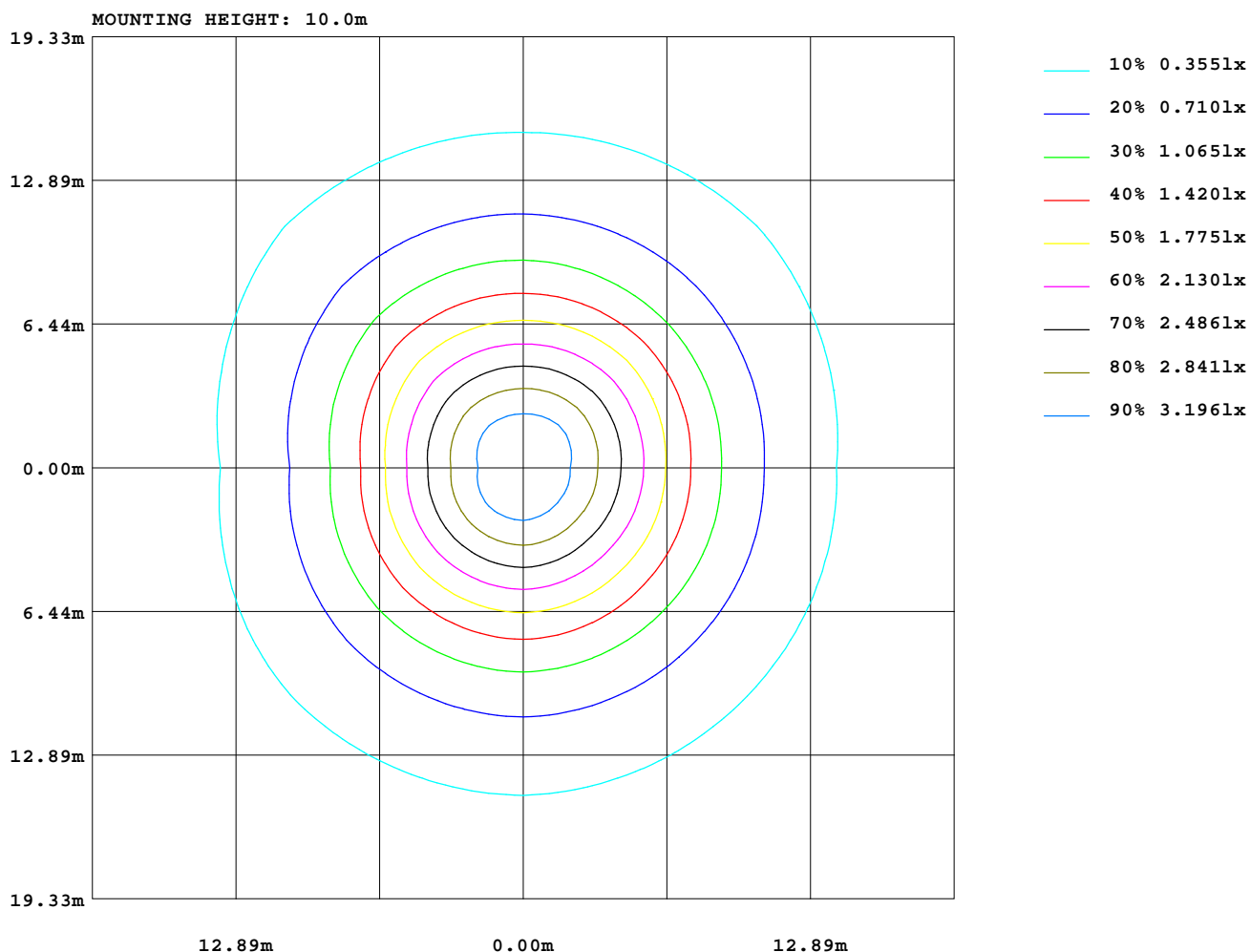
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

VERTICAL(DEG)	AREA FLUX DIAGRAM																		UNIT:lm		φ t	φ a				
	90	80	70	60	50	40	30	0.02	0.09	0.24	0.48	0.78	0.95	1.03	1.07	1.05	1.04	1.05	1.01	0.92	0.76	0.48	0.25	0.11	0.02	11.3
80	0.02	0.12	0.39	0.90	1.62	2.13	2.48	2.69	2.72	2.71	2.64	2.41	2.04	1.54	0.87	0.40	0.14	0.03	25.8	24.9						
70	0.02	0.15	0.58	1.42	2.56	3.41	4.02	4.49	4.70	4.67	4.40	3.91	3.33	2.47	1.39	0.57	0.17	0.03	42.3	41.7						
60	0.02	0.19	0.82	1.91	3.20	4.53	5.52	6.19	6.52	6.50	6.11	5.34	4.25	3.13	1.95	0.84	0.20	0.03	57.3	56.9						
50	0.02	0.24	1.03	2.25	3.91	5.55	6.73	7.55	7.95	7.88	7.37	6.54	5.42	3.80	2.33	1.09	0.25	0.03	70.0	69.7						
40	0.02	0.28	1.17	2.60	4.40	6.24	7.70	8.62	9.08	9.07	8.53	7.40	6.01	4.43	2.68	1.30	0.31	0.03	79.9	79.7						
30	0.02	0.31	1.26	2.83	4.74	6.67	8.34	9.41	9.92	9.93	9.43	8.32	6.56	4.80	2.97	1.43	0.35	0.03	87.3	87.2						
0	0.02	0.32	1.31	2.92	4.91	6.90	8.65	9.88	10.4	10.4	9.93	8.75	7.00	5.03	3.13	1.52	0.38	0.03	91.6	91.4						
	0.01	0.31	1.29	2.89	4.90	6.92	8.72	9.93	10.6	10.6	10.0	8.86	7.14	5.14	3.15	1.54	0.38	0.02	92.5	92.3						
	0.01	0.30	1.27	2.86	4.86	6.86	8.66	9.88	10.6	10.5	9.89	8.77	7.08	5.11	3.12	1.53	0.37	0.02	91.7	91.6						
	0.01	0.29	1.25	2.82	4.77	6.73	8.45	9.70	10.3	10.3	9.61	8.46	6.84	4.95	3.03	1.47	0.35	0.02	89.4	89.3						
-30	0.01	0.27	1.16	2.65	4.50	6.36	7.99	9.14	9.75	9.72	9.05	7.90	6.38	4.61	2.81	1.33	0.31	0.02	84.0	83.8						
-40	0.01	0.22	1.02	2.35	4.05	5.78	7.24	8.28	8.84	8.82	8.20	7.12	5.71	4.08	2.49	1.13	0.25	0.02	75.6	75.4						
-50	0.01	0.17	0.82	1.95	3.40	4.97	6.22	7.12	7.63	7.61	7.05	6.11	4.84	3.39	2.04	0.89	0.18	0.02	64.4	64.1						
-60	0.01	0.11	0.58	1.47	2.64	3.84	4.86	5.66	6.10	6.07	5.59	4.74	3.71	2.58	1.49	0.60	0.12	0.02	50.2	49.8						
-70	0.01	0.08	0.33	0.93	1.78	2.63	3.39	3.95	4.29	4.27	3.89	3.29	2.51	1.68	0.90	0.33	0.09	0.02	34.4	33.6						
-80	0.01	0.06	0.18	0.44	0.87	1.32	1.75	2.10	2.33	2.31	2.05	1.67	1.23	0.79	0.41	0.18	0.07	0.02	17.8	15.6						
-90	0.01	0.04	0.09	0.17	0.29	0.42	0.56	0.67	0.76	0.75	0.65	0.52	0.38	0.25	0.16	0.10	0.05	0.02	5.89	0.81						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90						
φ t	0.28	3.55	14.8	33.9	58.2	82.2	102	116	124	123	116	101	81.4	58.6	35.4	16.5	4.08	0.43	1110							
φ a	0.00	1.84	13.5	32.9	57.3	81.4	101	116	123	122	115	100	80.5	57.7	34.4	15.2	2.36	0.00		1056						

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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

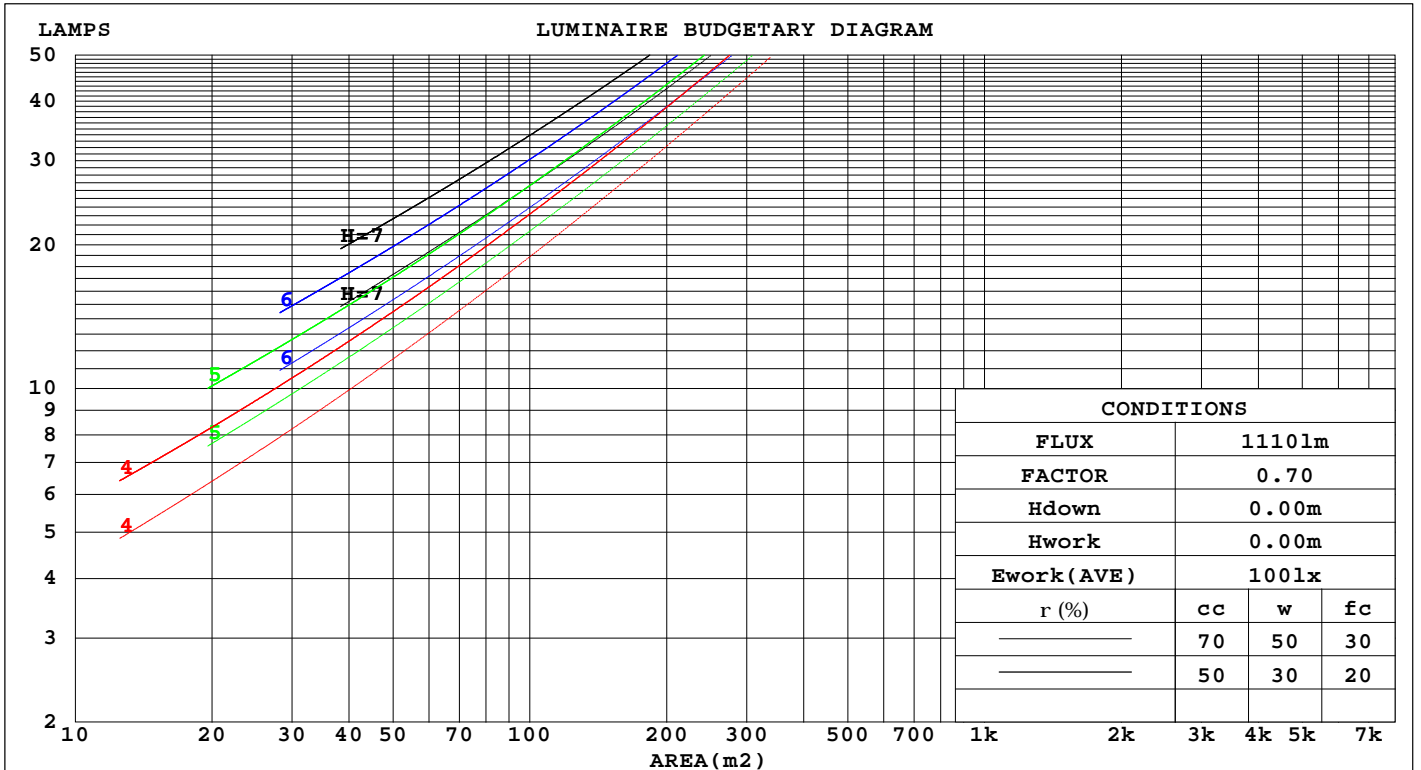
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

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						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	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.88	.86	.87	.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	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.52	.46	.60	.52	.45	.58	.50	.44	.55	.49	.44	.53	.47	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.31	.25	.38	.30	.25	.37	.30	.25	.35	.29	.25	.34	.28	.24	.22



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

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	.317	.180	.057	.309	.176	.056	.294	.168	.054	.280	.161	.052	.267	.155	.050	
2.0	.296	.162	.050	.289	.159	.049	.275	.153	.047	.263	.147	.046	.251	.142	.045	
3.0	.273	.145	.043	.266	.143	.043	.254	.138	.042	.243	.133	.041	.233	.129	.040	
4.0	.251	.131	.038	.245	.128	.038	.235	.124	.037	.225	.121	.036	.215	.117	.036	
5.0	.232	.118	.034	.227	.116	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.215	.108	.031	.210	.106	.031	.202	.103	.030	.194	.101	.030	.186	.098	.029	
7.0	.200	.099	.028	.196	.097	.028	.188	.095	.027	.181	.093	.027	.174	.090	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.175	.084	.024	.171	.083	.023	.165	.082	.023	.159	.080	.023	.153	.078	.022	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.145	.073	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.207	.182	.160	.177	.156	.138	.121	.108	.095	.070	.062	.055	.022	.020	.018	
2.0	.199	.158	.124	.170	.136	.107	.117	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.191	.141	.100	.164	.121	.087	.113	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.184	.127	.084	.158	.110	.073	.108	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.176	.117	.073	.151	.101	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
6.0	.169	.109	.066	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.140	.088	.052	.097	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.156	.096	.055	.134	.084	.048	.093	.059	.034	.054	.035	.020	.017	.011	.007	
9.0	.150	.091	.052	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.049	.124	.076	.043	.086	.053	.030	.050	.031	.018	.016	.010	.006	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M					TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2835/64D		CCT(K): 4000			DIMENSION: 1M*0.008M			SERIAL No.: 20211228001		
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	16.5	18.0	16.9	18.3	18.6	17.0	18.5	17.3	18.8	19.0
3H	17.8	19.1	18.1	19.4	19.7	18.7	20.1	19.0	20.3	20.7
4H	18.1	19.4	18.4	19.7	20.0	19.3	20.6	19.7	20.9	21.2
6H	18.1	19.3	18.5	19.6	20.0	19.7	20.9	20.1	21.3	21.6
8H	18.1	19.2	18.4	19.6	19.9	19.9	21.0	20.3	21.4	21.8
12H	18.0	19.2	18.4	19.5	19.9	20.0	21.1	20.4	21.5	21.8
4H 2H	17.2	18.5	17.5	18.8	19.1	17.5	18.8	17.9	19.1	19.5
3H	18.6	19.7	19.0	20.1	20.4	19.4	20.5	19.8	20.9	21.2
4H	19.0	20.0	19.4	20.4	20.8	20.1	21.1	20.5	21.5	21.9
6H	19.1	20.0	19.5	20.4	20.8	20.6	21.5	21.1	21.9	22.4
8H	19.0	19.9	19.5	20.3	20.8	20.8	21.7	21.3	22.1	22.6
12H	19.0	19.8	19.5	20.3	20.8	21.0	21.8	21.5	22.2	22.7
8H 4H	19.2	20.1	19.7	20.5	21.0	20.2	21.1	20.7	21.5	22.0
6H	19.4	20.1	19.9	20.6	21.1	20.9	21.6	21.4	22.0	22.5
8H	19.4	20.1	19.9	20.6	21.1	21.1	21.8	21.7	22.3	22.8
12H	19.5	20.0	20.0	20.5	21.1	21.4	22.0	21.9	22.5	23.0
12H 4H	19.2	20.0	19.7	20.5	20.9	20.2	21.0	20.7	21.4	21.9
6H	19.5	20.1	20.0	20.6	21.1	20.9	21.5	21.4	22.0	22.5
8H	19.5	20.1	20.0	20.6	21.1	21.2	21.7	21.7	22.2	22.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1110 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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

GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

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	53	43	36	30
0.80	66	54	46	65	53	46	62	52	46	38
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	80	70	63	77	68	62	54
1.50	86	76	69	84	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	94	88	98	92	87	94	88	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

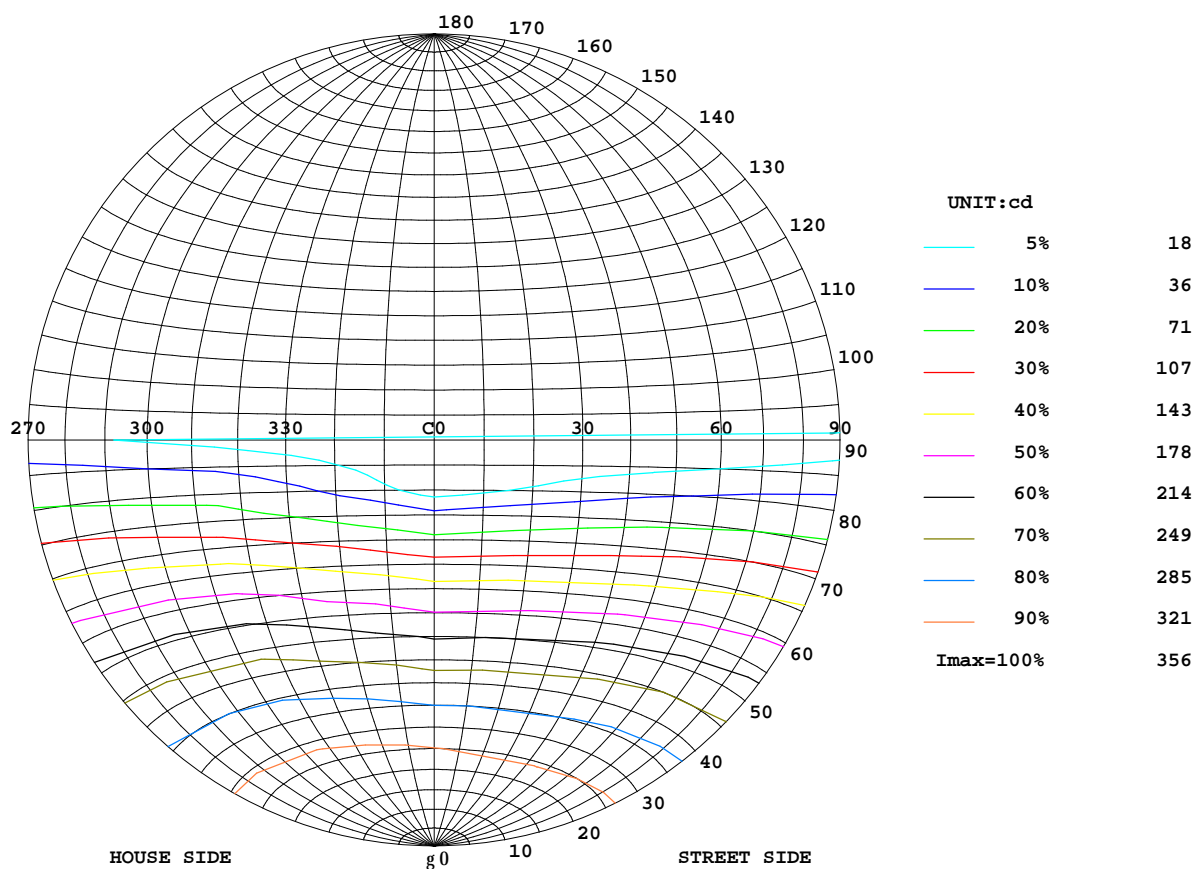
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

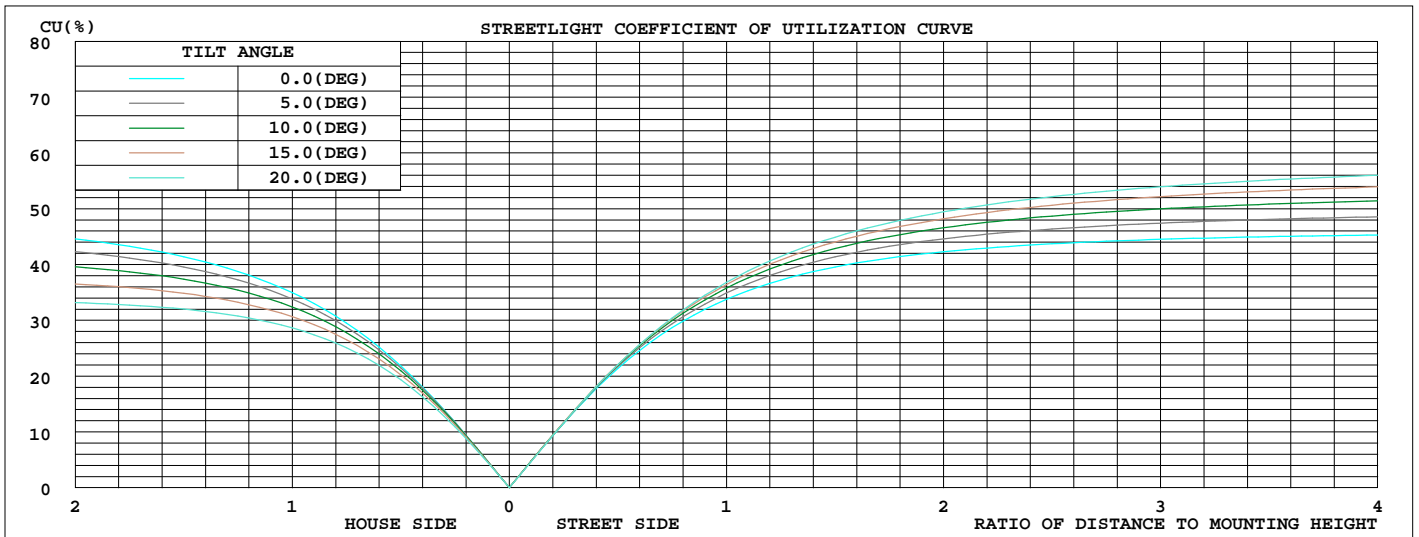
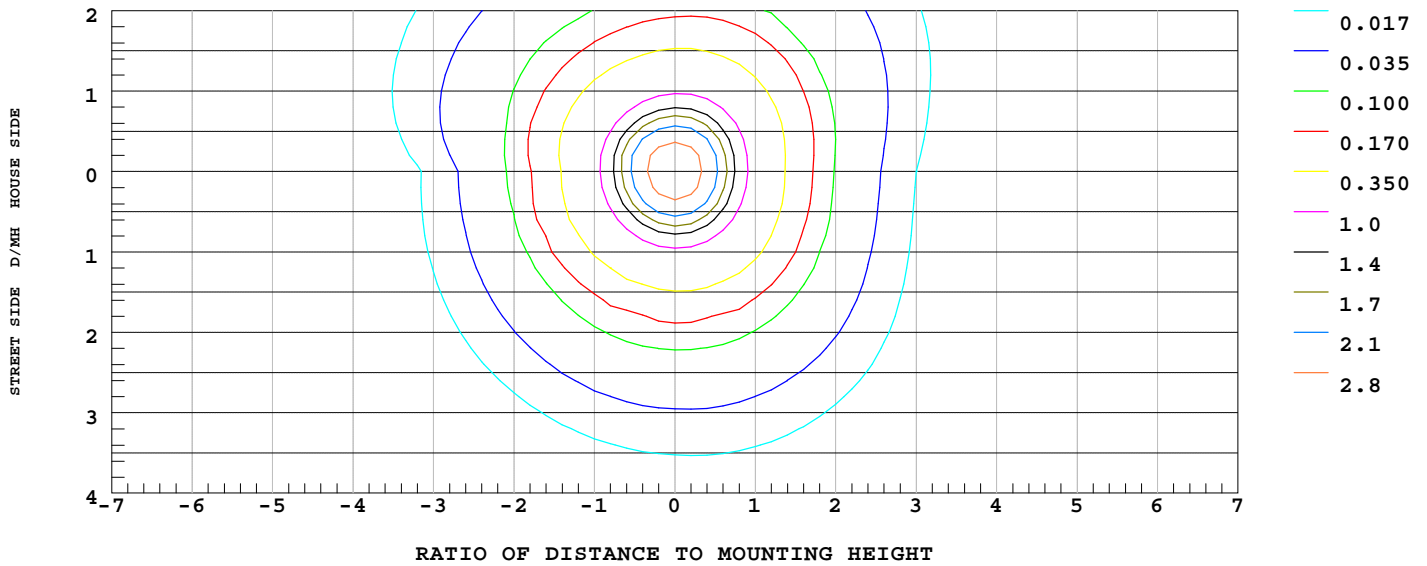
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

ILLUMINANCE AT MH=10 m, Enadir = 3.47 lx



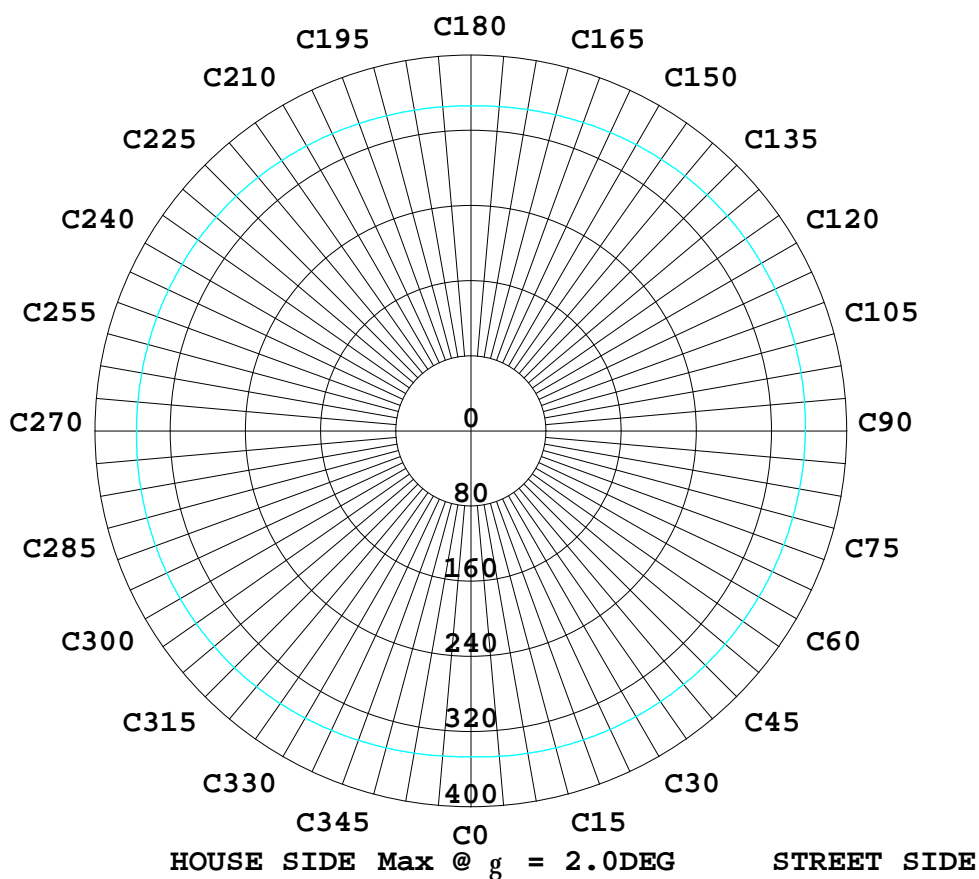
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-20-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211228001

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	347	353	356	356	347	353	356	356
5.0	346	351	355	354	345	353	355	356
10.0	343	346	351	349	341	351	352	353
15.0	338	339	344	343	335	347	347	349
20.0	331	330	336	334	327	340	339	342
25.0	321	318	325	322	316	331	328	332
30.0	304	303	311	308	298	319	316	320
35.0	285	286	295	291	277	305	301	305
40.0	263	266	276	271	249	288	283	278
45.0	239	245	255	250	226	269	263	253
50.0	211	220	230	225	193	248	240	239
55.0	178	190	203	206	161	223	215	217
60.0	151	161	175	166	129	196	186	185
65.0	118	129	148	135	95.5	159	155	150
70.0	78.7	96.7	114	103	62.7	141	121	136
75.0	42.5	64.1	77.0	70.0	33.6	108	88.1	103
80.0	10.1	32.6	47.0	36.7	8.67	73.7	58.5	70.7
85.0	8.05	14.7	24.0	17.5	3.48	44.7	30.8	42.8
90.0	6.42	5.03	11.3	5.65	3.63	21.1	14.4	20.6
95.0	6.19	3.32	7.51	3.56	3.79	7.82	5.96	9.91
100.0	6.11	3.48	6.50	3.63	4.02	7.04	3.63	7.04
105.0	6.04	3.79	6.42	3.87	4.25	6.96	3.87	6.96
110.0	6.04	4.02	6.35	4.02	4.49	6.81	4.10	6.89
115.0	6.11	4.25	6.35	4.18	4.72	6.73	4.33	6.89
120.0	6.11	4.49	6.42	4.41	4.95	6.73	4.49	6.81
125.0	6.19	4.72	6.50	4.64	5.18	6.73	4.72	6.81
130.0	6.27	4.95	6.58	4.87	5.42	6.73	5.03	6.89
135.0	6.42	5.18	6.65	5.11	5.65	6.81	5.26	6.96
140.0	6.50	5.34	6.73	5.34	5.88	6.89	5.42	7.04
145.0	6.58	5.57	6.89	5.49	6.04	6.96	5.65	7.12
150.0	6.73	5.80	6.96	5.73	6.27	7.04	5.88	7.12
155.0	6.81	5.96	7.04	5.88	6.42	7.12	6.04	7.20
160.0	6.89	5.96	7.12	6.04	6.58	7.20	6.19	7.27
165.0	6.96	6.04	7.12	6.11	6.73	7.20	6.27	7.27
170.0	7.04	6.19	7.20	6.27	6.81	7.27	6.35	7.27
175.0	7.12	6.27	7.20	6.35	6.89	7.27	6.42	7.27
180.0	7.04	6.42	7.12	6.50	7.20	7.12	6.58	7.12

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月28日

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