

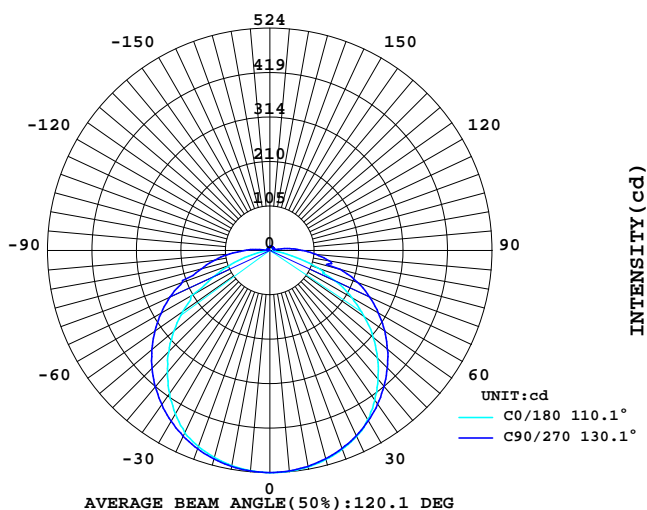
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

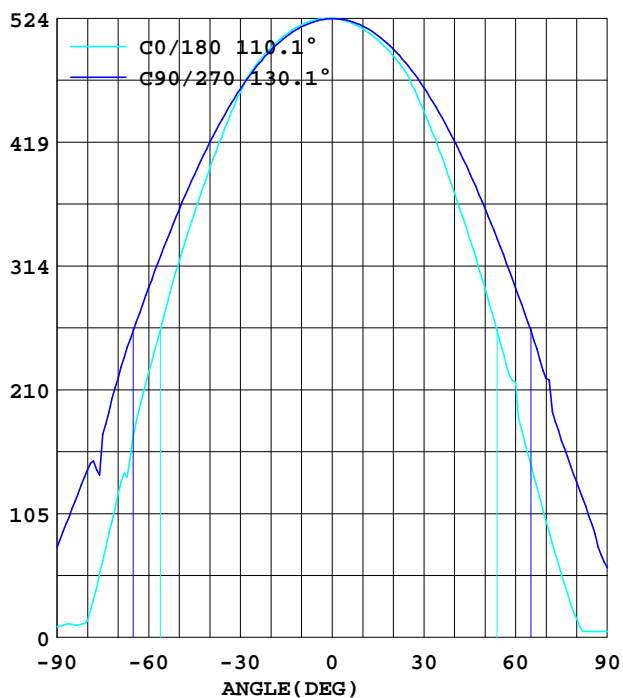
MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

DATA OF LAMP		Imax(cd)	523.8	S/MH(C0/180)	1.30
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	1765.2	Voltage(V)	24.01
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	137.6	Current(A)	0.534
NOMINAL FLUX(lm)	1765.2	h up(%)	3.9	Power(W)	12.83
LAMPS QUANTITY	1	h down(%)	96.1	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1696.1	EEL	0.103

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

---

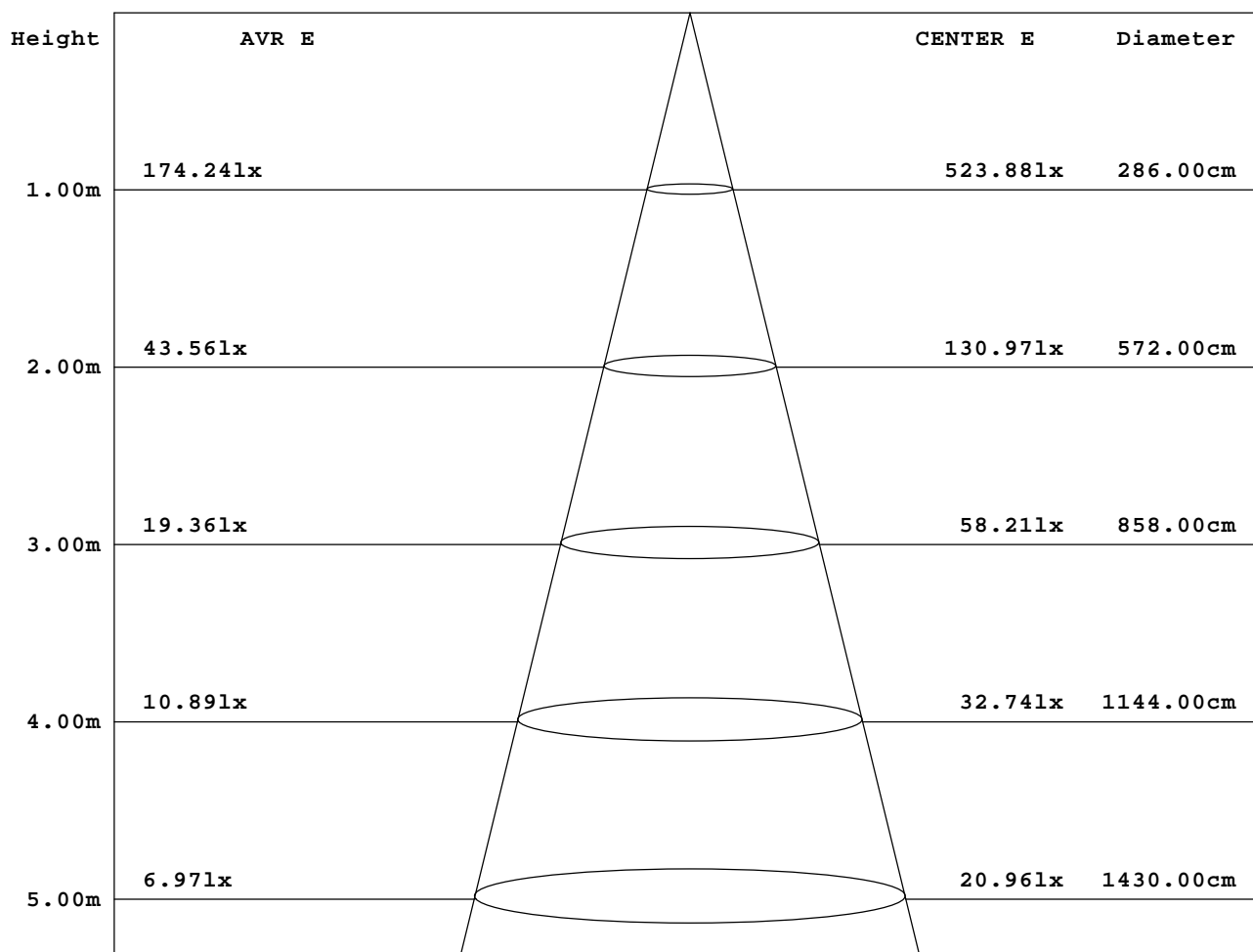
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004



Angle:110.1deg

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	522.7	520.4	521.6	520.3	521.1	522.6	522.0	520.9	0- 5	12.48	12.48
10.0	518.4	514.2	516.6	514.3	515.1	518.6	517.2	515.5	5- 10	37.12	49.61
15.0	510.3	504.6	508.2	504.9	505.2	511.4	509.0	507.1	10- 15	60.73	110.3
20.0	498.7	492.1	496.5	492.7	491.8	500.4	497.6	491.6	15- 20	82.66	193.0
25.0	484.0	475.6	482.2	476.5	474.7	486.0	483.3	468.0	20- 25	102.1	295.1
30.0	461.3	455.8	463.9	457.0	445.4	469.0	465.2	445.7	25- 30	118.5	413.7
35.0	431.3	433.7	442.6	435.1	412.1	447.8	443.8	424.1	30- 35	131.3	545.0
40.0	396.6	407.5	418.9	409.3	376.2	423.2	420.1	402.3	35- 40	140.2	685.3
45.0	359.0	378.2	391.6	380.3	336.6	396.5	392.5	381.8	40- 45	145.1	830.4
50.0	317.6	347.0	361.7	349.4	296.1	365.7	363.4	356.3	45- 50	145.9	976.4
55.0	272.2	311.7	330.4	314.4	249.5	331.6	330.6	323.9	50- 55	141.9	1118
60.0	223.9	273.7	295.7	276.7	215.5	296.2	295.5	290.0	55- 60	133.5	1252
65.0	170.1	235.2	259.2	238.7	146.6	256.7	259.6	251.2	60- 65	120.6	1373
70.0	121.5	188.4	219.2	192.4	98.42	215.3	219.1	207.5	65- 70	104.1	1477
75.0	64.73	145.9	172.0	150.5	52.89	173.9	166.6	157.6	70- 75	83.32	1560
80.0	14.24	101.1	141.7	108.7	15.48	129.3	131.5	128.8	75- 80	60.52	1621
85.0	10.91	71.55	109.2	75.81	4.956	96.87	95.40	96.18	80- 85	45.03	1666
90.0	8.983	40.96	76.20	44.68	5.111	62.10	58.93	61.64	85- 90	31.25	1697
95.0	8.518	11.15	51.88	14.17	5.343	22.22	33.60	25.09	90- 95	17.60	1714
100.0	8.286	4.956	20.52	5.498	5.653	10.68	5.498	10.76	95-100	7.466	1722
105.0	8.208	5.343	10.06	5.653	6.040	10.22	5.808	10.29	100-105	4.265	1726
110.0	8.208	5.653	9.680	5.885	6.350	9.912	6.117	10.06	105-110	4.028	1730
115.0	8.286	5.962	9.525	6.040	6.659	9.680	6.427	9.757	110-115	3.925	1734
120.0	8.363	6.350	9.447	6.272	6.969	9.602	6.737	9.757	115-120	3.822	1738
125.0	8.518	6.659	9.447	6.582	7.356	9.525	7.047	9.680	120-125	3.704	1742
130.0	8.673	6.969	9.447	6.892	7.666	9.602	7.356	9.680	125-130	3.562	1745
135.0	8.828	7.279	9.525	7.201	7.976	9.680	7.666	9.757	130-135	3.390	1749
140.0	8.983	7.589	9.602	7.511	8.286	9.757	7.898	9.834	135-140	3.183	1752
145.0	9.215	7.898	9.757	7.744	8.595	9.912	8.208	9.912	140-145	2.933	1755
150.0	9.370	8.131	9.834	8.053	8.828	9.989	8.440	9.989	145-150	2.644	1757
155.0	9.525	8.363	9.912	8.208	9.060	10.06	8.595	9.989	150-155	2.315	1760
160.0	9.680	8.595	9.989	8.440	9.292	10.06	8.828	10.06	155-160	1.950	1762
165.0	9.834	8.750	10.06	8.673	9.447	10.14	8.983	10.06	160-165	1.553	1763
170.0	9.912	8.905	10.14	8.750	9.602	10.14	9.060	10.06	165-170	1.131	1764
175.0	9.989	8.983	10.14	8.905	9.680	10.14	9.137	9.989	170-175	0.687	1765
180.0	9.912	9.215	10.06	9.137	10.06	9.989	9.292	9.834	175-180	0.230	1765
DEG	LUMINOUS INTENSITY:cd										UNIT:lm

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

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

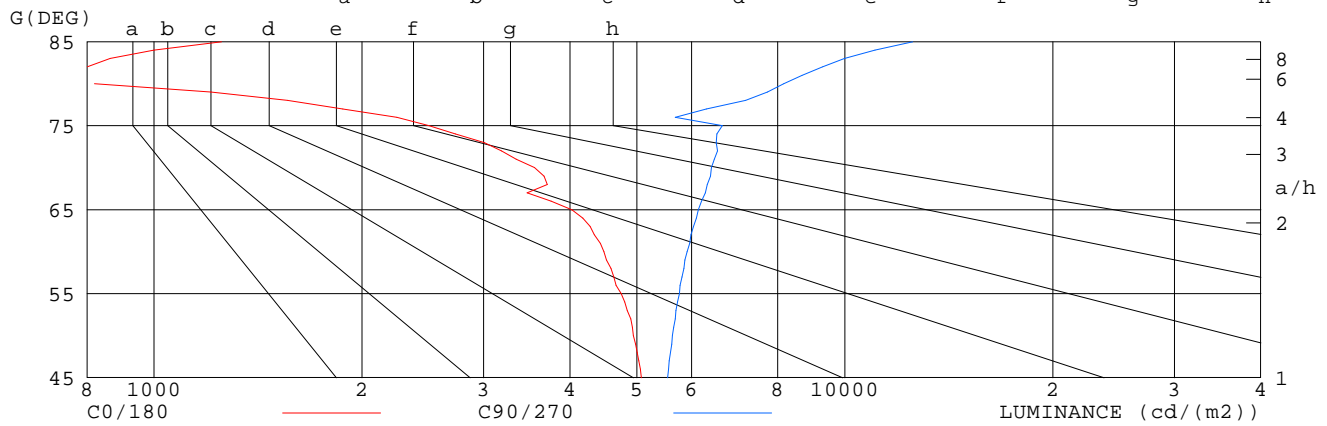
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		a	b	c	d	e	f	g	h
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	1253	12537
80	821	8161
75	2501	6648
70	3555	6410
65	4026	6135
60	4479	5915
55	4747	5761
50	4942	5627
45	5077	5539

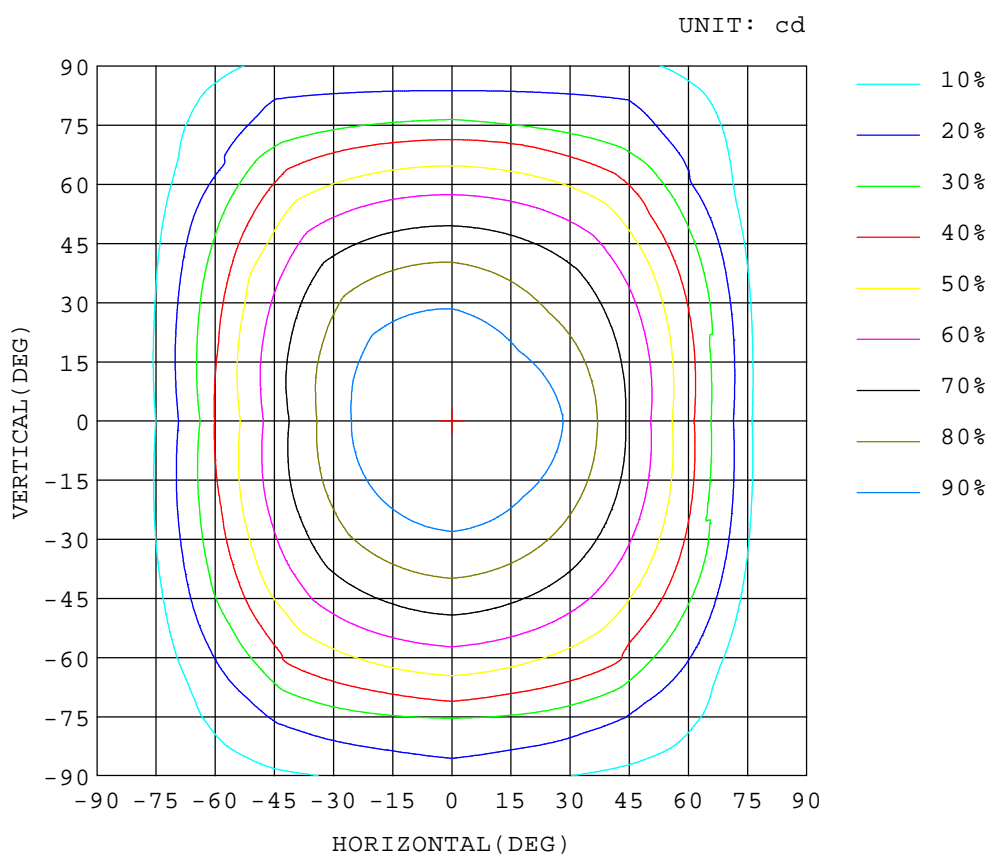
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004



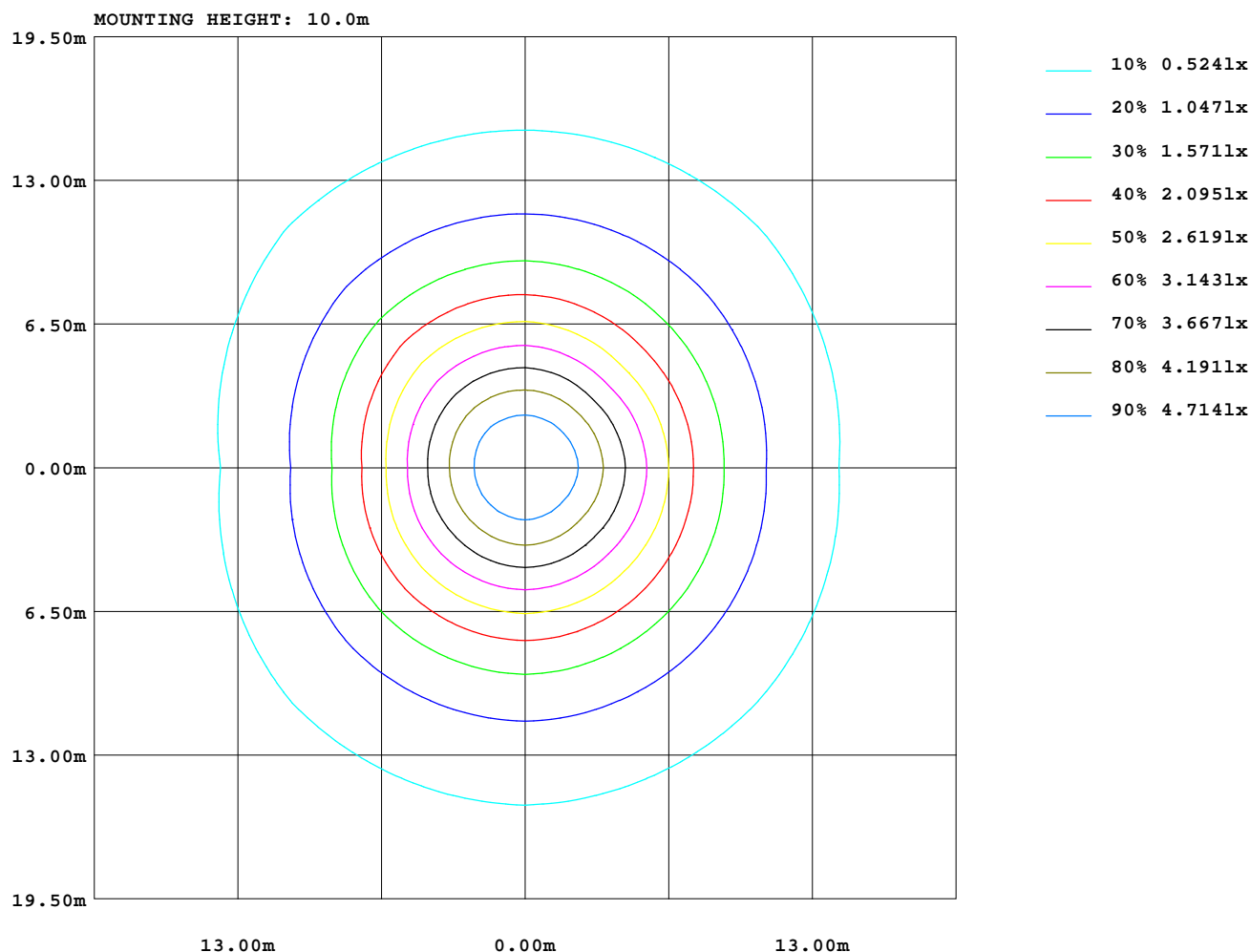
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

VERTICAL( DEG )	AREA FLUX DIAGRAM																	UNIT:lm		φ t	φ a
	90	80	70	60	50	40	30	0.03	0.02	0.02	0.02	0.03	-30	-40	-50	-60	-70	-80	-90		
	0.04	0.22	0.58	1.13	1.81	2.23	2.54	2.75	2.85	2.85	2.74	2.53	2.22	1.80	1.14	0.61	0.24	0.05	28.3	26.7	
	0.04	0.26	0.78	1.64	2.74	3.63	4.33	4.85	5.14	5.12	4.79	4.25	3.56	2.74	1.65	0.81	0.29	0.05	46.7	45.8	
	0.04	0.30	0.98	2.23	3.98	5.42	6.54	7.36	7.79	7.77	7.29	6.43	5.28	3.81	2.20	1.00	0.33	0.05	68.8	68.1	
	0.04	0.34	1.29	2.97	5.03	6.98	8.40	9.43	9.97	9.94	9.35	8.28	6.84	4.98	2.99	1.31	0.36	0.05	88.6	88.0	
	0.04	0.40	1.60	3.53	5.92	8.27	10.0	11.2	11.8	11.7	11.0	9.82	8.10	5.91	3.62	1.68	0.42	0.05	105	105	
	0.04	0.46	1.82	4.00	6.61	9.22	11.3	12.7	13.4	13.2	12.3	10.9	9.05	6.66	4.16	1.95	0.49	0.05	119	118	
	0.03	0.50	1.97	4.34	7.09	9.87	12.2	13.8	14.5	14.4	13.3	11.7	9.70	7.23	4.53	2.15	0.55	0.05	128	128	
	0.03	0.51	2.02	4.51	7.36	10.2	12.8	14.5	15.3	15.3	14.2	12.5	10.2	7.59	4.76	2.25	0.58	0.04	135	135	
	0.02	0.49	1.98	4.48	7.36	10.3	13.0	14.8	15.7	15.7	14.8	13.1	10.6	7.74	4.81	2.26	0.58	0.03	138	138	
	0.02	0.48	1.97	4.45	7.32	10.3	12.9	14.7	15.6	15.7	14.8	13.2	10.6	7.73	4.79	2.25	0.57	0.03	138	138	
	0.02	0.50	1.98	4.44	7.24	10.1	12.6	14.3	15.2	15.2	14.3	12.7	10.3	7.55	4.70	2.22	0.57	0.04	134	134	
	0.03	0.48	1.91	4.22	6.91	9.61	11.9	13.5	14.4	14.4	13.5	11.9	9.74	7.13	4.44	2.10	0.53	0.04	127	127	
	0.03	0.43	1.74	3.85	6.36	8.87	10.9	12.4	13.3	13.2	12.4	10.9	8.89	6.48	4.02	1.89	0.46	0.04	117	116	
	0.03	0.36	1.49	3.34	5.61	7.86	9.67	11.0	11.7	11.7	10.9	9.62	7.81	5.66	3.46	1.60	0.37	0.05	102	102	
	0.03	0.29	1.18	2.73	4.70	6.57	8.07	9.21	9.88	9.87	9.18	8.02	6.50	4.70	2.80	1.21	0.30	0.05	85.3	84.7	
	0.03	0.24	0.86	2.02	3.56	5.02	6.23	7.17	7.74	7.73	7.14	6.19	4.96	3.50	1.99	0.83	0.26	0.05	65.5	64.7	
	0.03	0.21	0.63	1.36	2.38	3.28	4.05	4.68	5.09	5.07	4.63	3.96	3.15	2.25	1.29	0.63	0.23	0.04	43.0	41.7	
	0.03	0.17	0.44	0.87	1.41	1.93	2.41	2.84	3.18	3.17	2.80	2.35	1.85	1.33	0.83	0.44	0.18	0.04	26.3	23.4	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL( DEG )				20	30	40	50	60	70	80	90	
φ t	0.58	6.63	25.2	56.1	93.4	130	160	182	193	193	180	159	130	94.8	58.2	27.2	7.31	0.80	1765		
φ a	0.00	3.64	23.7	55.6	93.2	130	160	182	193	193	180	159	130	94.5	57.6	25.7	4.25	0.00		1696	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

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

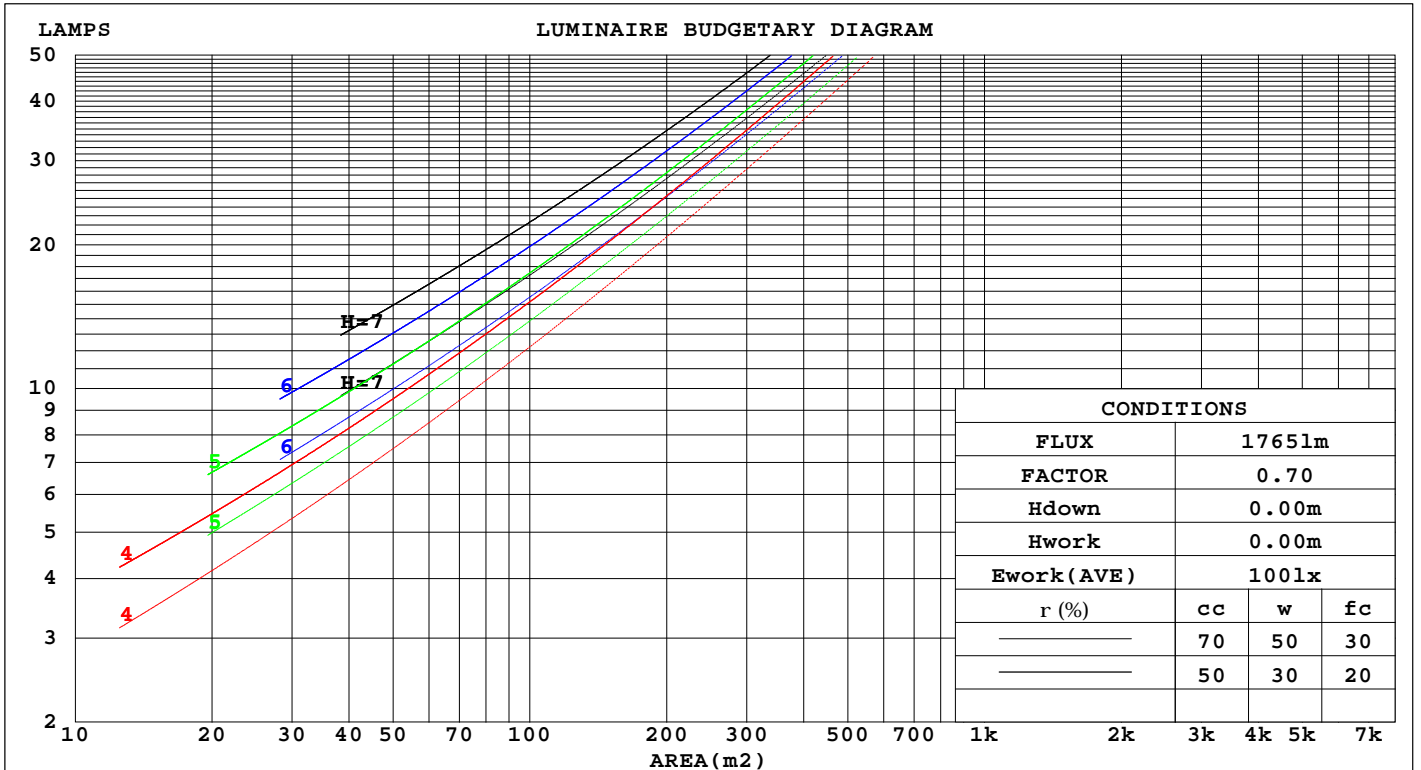


CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

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 <sub>fc</sub>	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	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.87	.89	.86	.83	.85	.82	.80	.78
2.0	.87	.80	.74	.85	.78	.73	.81	.75	.70	.77	.72	.68	.73	.69	.66	.64
3.0	.76	.68	.61	.74	.66	.60	.71	.64	.58	.67	.62	.57	.64	.59	.55	.53
4.0	.67	.58	.51	.66	.57	.50	.63	.55	.49	.60	.53	.48	.57	.52	.47	.45
5.0	.60	.50	.44	.58	.50	.43	.56	.48	.42	.53	.47	.41	.51	.45	.41	.38
6.0	.54	.44	.38	.52	.44	.37	.50	.43	.37	.48	.41	.36	.46	.40	.36	.33
7.0	.49	.39	.33	.48	.39	.33	.46	.38	.32	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.28	.23	.33	.27	.23	.21



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: RS-HE-2835-128-24-8-12.5-8-4000K-65-5M</b>		<b>TYPE: LED Strip</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 2835/128D</b>	<b>CCT(K): 4000</b>	<b>DIMENSION: 1M*0.01M</b>	<b>SERIAL No.: 20220106004</b>

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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.345	.196	.062	.336	.192	.061	.321	.184	.059	.306	.177	.057	.293	.170	.055	
2.0	.312	.171	.053	.305	.168	.052	.291	.162	.050	.278	.156	.049	.266	.151	.048	
3.0	.284	.151	.045	.278	.149	.045	.265	.144	.044	.254	.139	.043	.243	.135	.042	
4.0	.259	.135	.040	.254	.133	.039	.242	.129	.038	.232	.125	.038	.223	.121	.037	
5.0	.238	.121	.035	.233	.120	.035	.223	.116	.034	.214	.113	.034	.205	.110	.033	
6.0	.220	.110	.032	.215	.109	.031	.206	.106	.031	.198	.103	.030	.190	.100	.030	
7.0	.204	.101	.029	.199	.099	.028	.191	.097	.028	.184	.094	.027	.177	.092	.027	
8.0	.189	.093	.026	.186	.091	.026	.178	.089	.025	.172	.087	.025	.165	.085	.025	
9.0	.177	.086	.024	.174	.085	.024	.167	.083	.023	.161	.081	.023	.155	.079	.023	
10.0	.166	.080	.022	.163	.079	.022	.157	.077	.022	.151	.075	.021	.146	.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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.212	.186	.161	.182	.159	.139	.124	.110	.096	.072	.063	.056	.023	.020	.018	
2.0	.205	.162	.125	.176	.139	.108	.120	.096	.076	.069	.056	.044	.022	.018	.014	
3.0	.197	.145	.102	.169	.125	.089	.116	.087	.062	.067	.051	.037	.022	.016	.012	
4.0	.190	.131	.087	.163	.114	.076	.112	.079	.053	.065	.046	.032	.021	.015	.010	
5.0	.182	.121	.076	.156	.105	.066	.108	.073	.047	.062	.043	.028	.020	.014	.009	
6.0	.175	.113	.069	.150	.098	.060	.104	.069	.042	.060	.040	.025	.019	.013	.008	
7.0	.168	.106	.063	.144	.092	.055	.100	.065	.039	.058	.038	.023	.019	.012	.008	
8.0	.161	.100	.059	.139	.087	.051	.096	.061	.036	.056	.036	.022	.018	.012	.007	
9.0	.155	.096	.055	.133	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007	
10.0	.149	.091	.053	.128	.079	.046	.089	.056	.033	.052	.033	.020	.017	.011	.006	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06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-2835-128-24-8-12.5-8-4000K-65-5M					TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2835/128D			CCT(K): 4000		DIMENSION: 1M*0.01M			SERIAL No.: 20220106004		
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	18.0	19.5	18.4	19.8	20.1	18.9	20.4	19.2	20.7	21.0
3H	19.3	20.7	19.7	21.0	21.3	21.0	22.4	21.3	22.7	23.0
4H	19.7	21.0	20.0	21.3	21.7	21.9	23.2	22.2	23.5	23.9
6H	19.7	21.0	20.1	21.3	21.7	22.8	24.0	23.2	24.4	24.8
8H	19.7	20.9	20.1	21.3	21.7	23.3	24.5	23.7	24.9	25.3
12H	19.7	20.9	20.1	21.2	21.6	23.9	25.1	24.3	25.5	25.8
4H 2H	18.9	20.2	19.3	20.5	20.9	19.6	20.9	19.9	21.2	21.6
3H	20.4	21.6	20.8	21.9	22.3	21.8	23.0	22.2	23.3	23.7
4H	20.9	22.0	21.4	22.4	22.8	22.8	23.9	23.2	24.3	24.7
6H	21.1	22.1	21.6	22.5	22.9	23.9	24.9	24.4	25.3	25.7
8H	21.1	22.0	21.6	22.5	22.9	24.5	25.4	25.0	25.9	26.3
12H	21.1	22.0	21.6	22.4	22.9	25.2	26.1	25.7	26.5	27.0
8H 4H	21.5	22.4	21.9	22.8	23.3	23.1	24.0	23.5	24.4	24.9
6H	21.9	22.6	22.4	23.1	23.6	24.4	25.1	24.9	25.6	26.1
8H	22.0	22.7	22.6	23.2	23.7	25.2	25.9	25.7	26.4	26.9
12H	22.2	22.8	22.7	23.3	23.8	26.1	26.7	26.7	27.2	27.8
12H 4H	21.6	22.4	22.1	22.9	23.3	23.1	23.9	23.5	24.3	24.8
6H	22.1	22.8	22.7	23.3	23.8	24.5	25.1	25.0	25.6	26.2
8H	22.4	23.0	22.9	23.5	24.1	25.4	25.9	25.9	26.5	27.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.0 / - 0.1				
1.5H	+ 0.3 / - 0.6					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.2				

CIE Pub.117 Corrected 1765 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: RS-HE-2835-128-24-8-12.5-8-4000K-65-5M</b>		<b>TYPE: LED Strip</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 2835/128D</b>	<b>CCT(K): 4000</b>	<b>DIMENSION: 1M*0.01M</b>	<b>SERIAL No.: 20220106004</b>

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
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS (PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	54	42	35	53	42	35	52	41	35	28
<b>0.80</b>	64	52	44	63	51	44	61	50	43	36
<b>1.00</b>	72	60	53	71	60	52	68	61	52	44
<b>1.25</b>	79	68	60	78	67	60	74	65	59	51
<b>1.50</b>	84	74	66	82	73	65	79	70	64	56
<b>2.00</b>	91	82	75	89	81	74	85	78	72	63
<b>2.50</b>	96	87	80	93	85	79	89	82	77	67
<b>3.00</b>	99	91	85	97	90	84	92	86	81	72
<b>4.00</b>	103	97	92	101	95	90	96	91	87	77
<b>5.00</b>	106	100	96	103	98	94	98	94	90	80
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
<b>According to DIN EN 13032-2 2004</b>			<b>Suspended</b>				<b>SHRNOM = 1.25</b>			

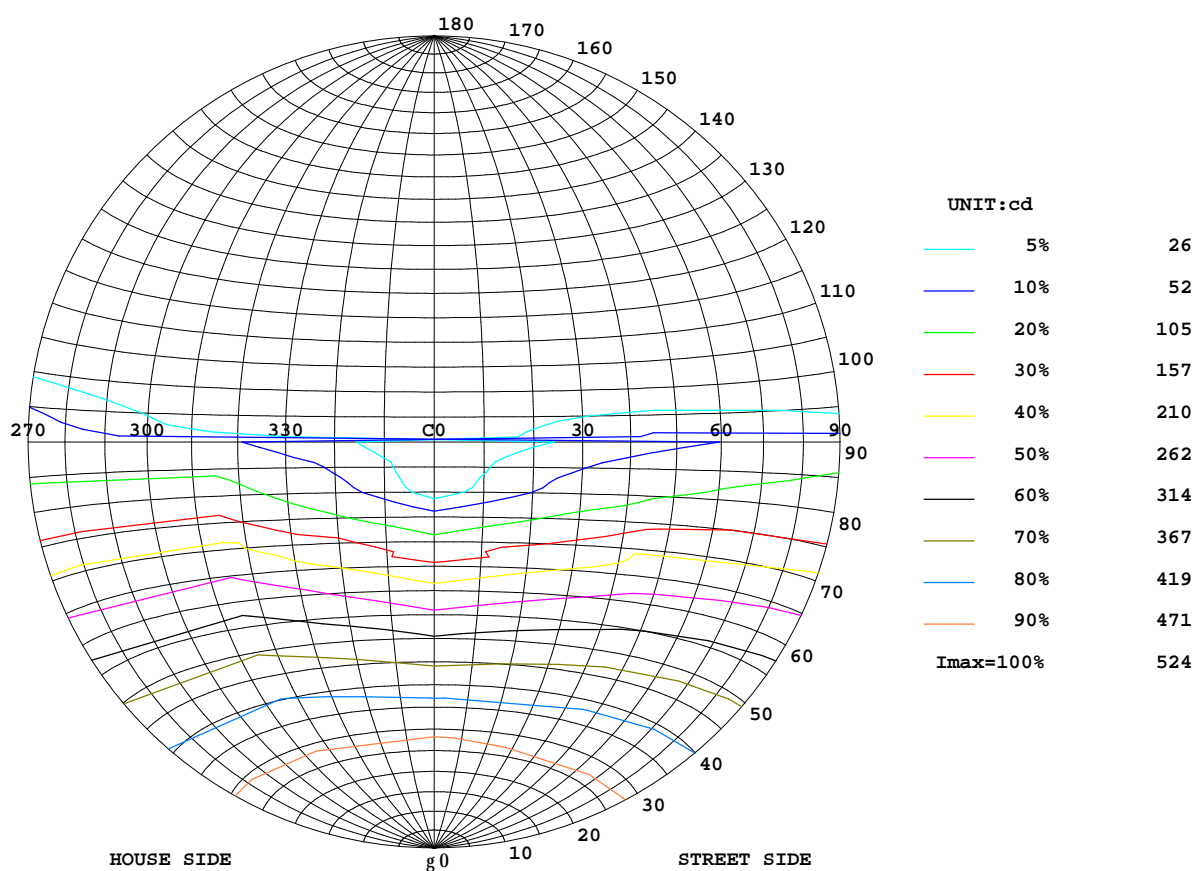
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

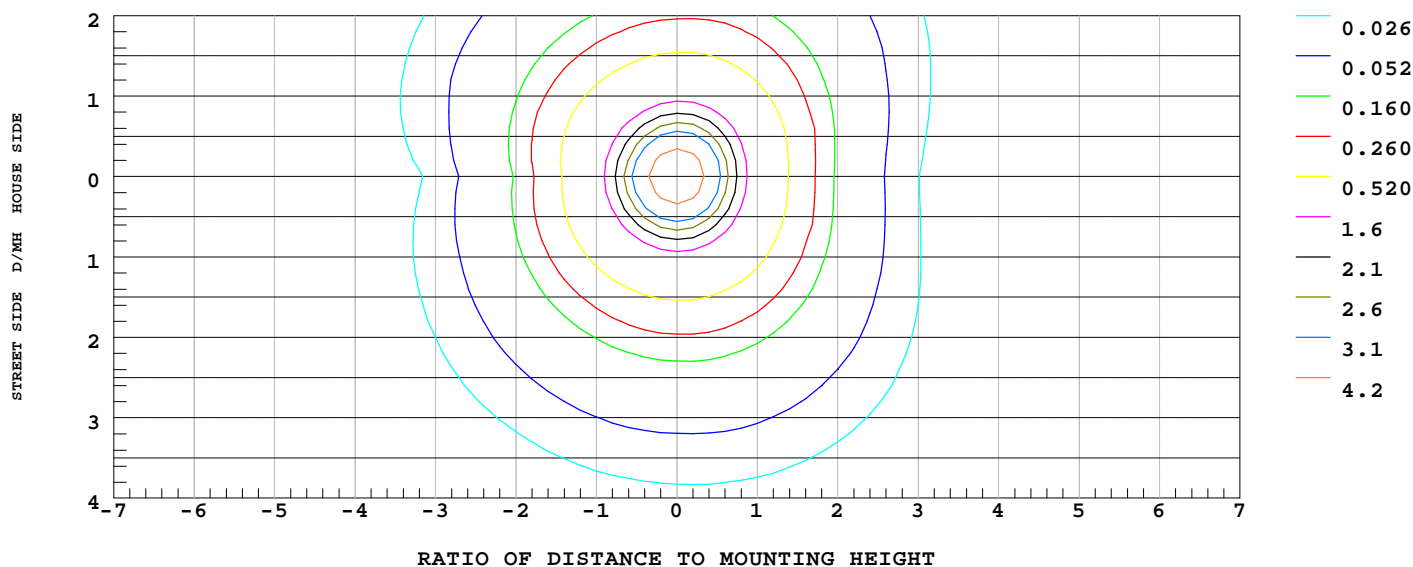
Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.800 m  
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

ILLUMINANCE AT MH=10 m, Enadir = 5.24 lx



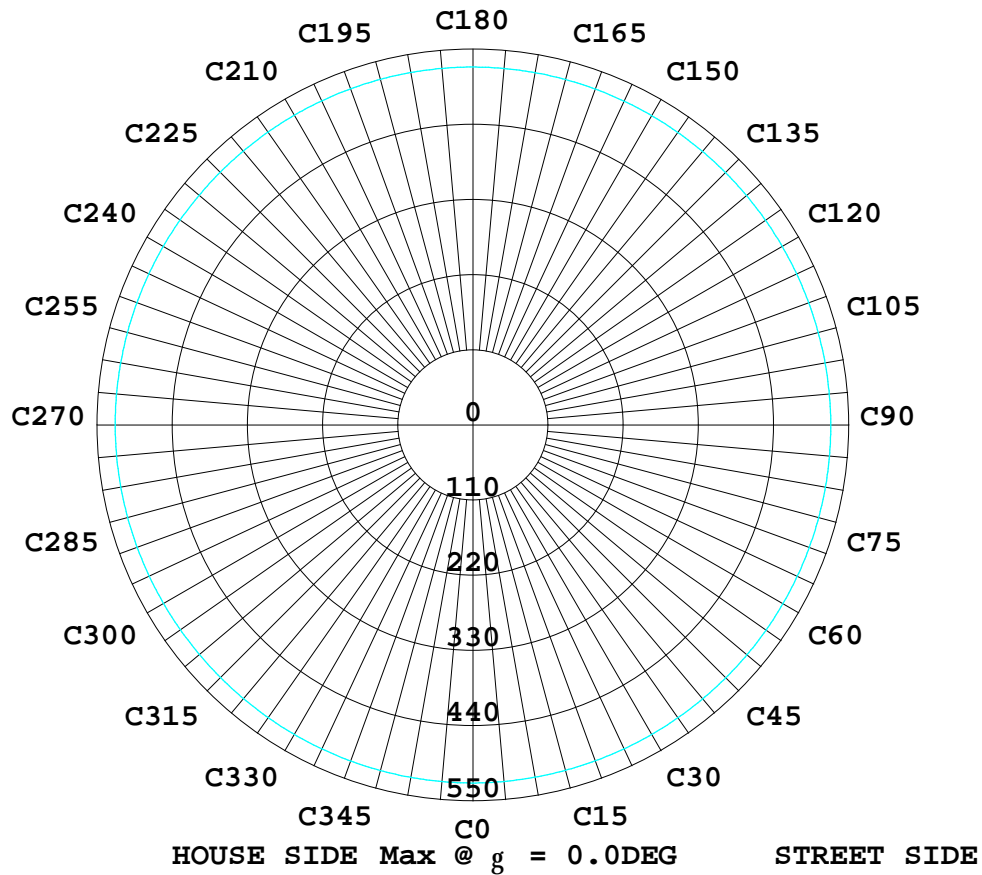
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06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-2835-128-24-8-12.5-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 4000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106004

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	524	523	524	523	524	523	524	523
5.0	523	520	522	520	521	523	522	521
10.0	518	514	517	514	515	519	517	516
15.0	510	505	508	505	505	511	509	507
20.0	499	492	497	493	492	500	498	492
25.0	484	476	482	477	475	486	483	468
30.0	461	456	464	457	445	469	465	446
35.0	431	434	443	435	412	448	444	424
40.0	397	408	419	409	376	423	420	402
45.0	359	378	392	380	337	397	393	382
50.0	318	347	362	349	296	366	363	356
55.0	272	312	330	314	250	332	331	324
60.0	224	274	296	277	216	296	296	290
65.0	170	235	259	239	147	257	260	251
70.0	122	188	219	192	98.4	215	219	208
75.0	64.7	146	172	151	52.8	174	167	158
80.0	14.2	101	142	109	15.4	129	132	129
85.0	10.9	71.5	109	75.8	4.95	96.8	95.4	96.1
90.0	8.98	40.9	76.2	44.6	5.11	62.1	58.9	61.6
95.0	8.51	11.1	51.8	14.1	5.34	22.2	33.6	25.0
100.0	8.28	4.95	20.5	5.49	5.65	10.6	5.49	10.7
105.0	8.20	5.34	10.0	5.65	6.04	10.2	5.80	10.2
110.0	8.20	5.65	9.68	5.88	6.35	9.91	6.11	10.0
115.0	8.28	5.96	9.52	6.04	6.65	9.68	6.42	9.75
120.0	8.36	6.35	9.44	6.27	6.96	9.60	6.73	9.75
125.0	8.51	6.65	9.44	6.58	7.35	9.52	7.04	9.68
130.0	8.67	6.96	9.44	6.89	7.66	9.60	7.35	9.68
135.0	8.82	7.27	9.52	7.20	7.97	9.68	7.66	9.75
140.0	8.98	7.58	9.60	7.51	8.28	9.75	7.89	9.83
145.0	9.21	7.89	9.75	7.74	8.59	9.91	8.20	9.91
150.0	9.37	8.13	9.83	8.05	8.82	9.98	8.44	9.98
155.0	9.52	8.36	9.91	8.20	9.06	10.0	8.59	9.98
160.0	9.68	8.59	9.98	8.44	9.29	10.0	8.82	10.0
165.0	9.83	8.75	10.0	8.67	9.44	10.1	8.98	10.0
170.0	9.91	8.90	10.1	8.75	9.60	10.1	9.06	10.0
175.0	9.98	8.98	10.1	8.90	9.68	10.1	9.13	9.98
180.0	9.91	9.21	10.0	9.13	10.0	9.98	9.29	9.83

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022年01月06日

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