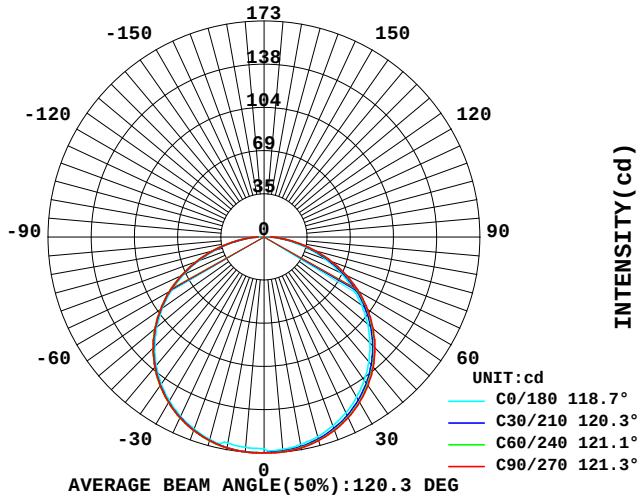
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

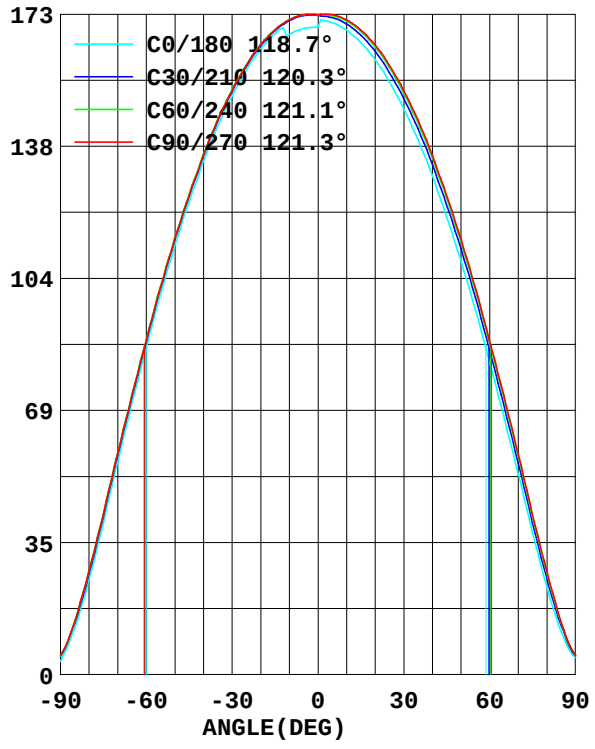
DATA OF LAMP		Imax(cd)	173.1	S/MH(C0/180)	1.32
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	6	TOTAL FLUX(lm)	534.63	Voltage(V)	24.00
RATED VOLTAGE(V)	25	EFFICIENCY(lm/W)	92.8	Current(A)	0.239
NOMINAL FLUX(lm)	534.6	h up(%)	0.0	Power(W)	5.760
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	527.1	EEI	0.125

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):120.3 DEG

LUMINOUS INTENSITY DISTRIBUTION



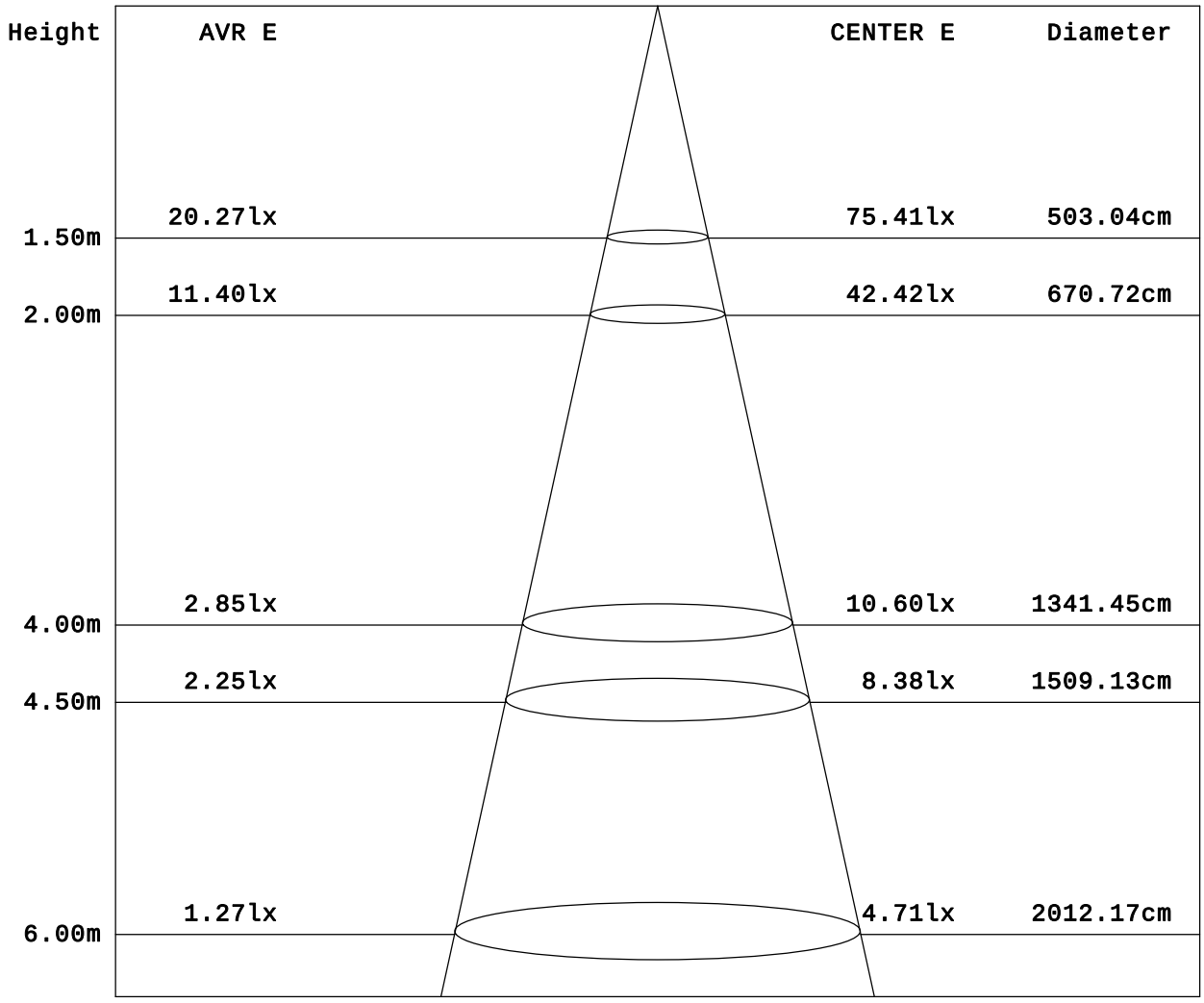
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101



Angle:118.4deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ZONAL FLUX DIAGRAM

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	169.3	172.2	172.9	171.9	170.8	171.9	172.9	172.2	0- 5	4.120	4.120
10.0	167.8	170.8	171.6	170.2	168.9	170.2	171.6	170.8	5- 10	12.26	16.38
15.0	168.0	167.9	168.9	167.1	165.6	167.1	168.9	167.9	10- 15	20.08	36.46
20.0	164.0	163.7	165.1	162.6	161.2	162.6	165.1	163.7	15- 20	27.31	63.78
25.0	158.5	158.2	159.7	157.0	155.3	157.0	159.7	158.2	20- 25	33.74	97.52
30.0	151.6	151.3	153.0	149.9	148.2	149.9	153.0	151.3	25- 30	39.15	136.6
35.0	143.8	143.0	145.3	141.5	140.2	141.5	145.3	143.0	30- 35	43.35	180.0
40.0	134.5	133.8	136.0	132.2	130.7	132.2	136.0	133.8	35- 40	46.21	226.2
45.0	123.9	123.0	125.5	121.3	120.0	121.3	125.5	123.0	40- 45	47.60	273.8
50.0	112.5	111.4	114.3	109.7	108.5	109.7	114.3	111.4	45- 50	47.44	321.2
55.0	99.58	98.30	101.4	96.63	95.61	96.63	101.4	98.30	50- 55	45.69	366.9
60.0	85.50	84.22	87.48	82.62	81.85	82.62	87.48	84.22	55- 60	42.42	409.4
65.0	71.16	69.88	73.21	68.35	67.77	68.35	73.21	69.88	60- 65	37.68	447.0
70.0	55.61	54.33	57.79	53.05	52.60	53.05	57.79	54.33	65- 70	31.66	478.7
75.0	39.61	38.71	41.98	37.56	37.31	37.56	41.98	38.71	70- 75	24.67	503.4
80.0	25.08	24.32	27.32	23.48	23.23	23.48	27.32	24.32	75- 80	17.12	520.5
85.0	12.16	11.58	13.69	11.00	11.26	11.00	13.69	11.58	80- 85	9.881	530.4
90.0	3.520	3.840	5.056	3.904	4.480	3.904	5.056	3.840	85- 90	4.197	534.6
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

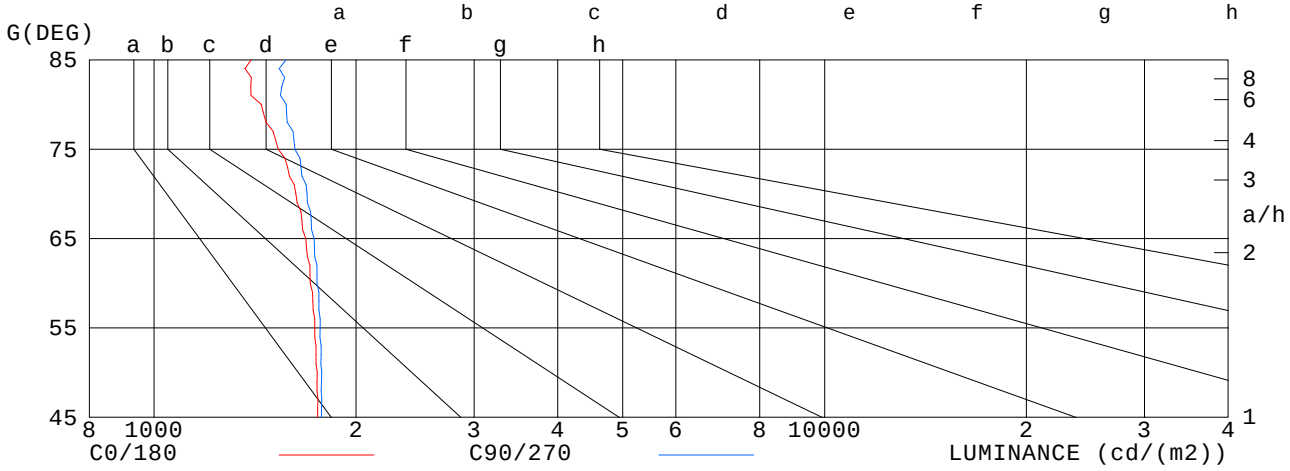
LUMINANCE LIMITATION CURVES

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

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
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1395	1571
80	1445	1574
75	1531	1622
70	1626	1690
65	1684	1732
60	1710	1750
55	1736	1769
50	1750	1778
45	1752	1776

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Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
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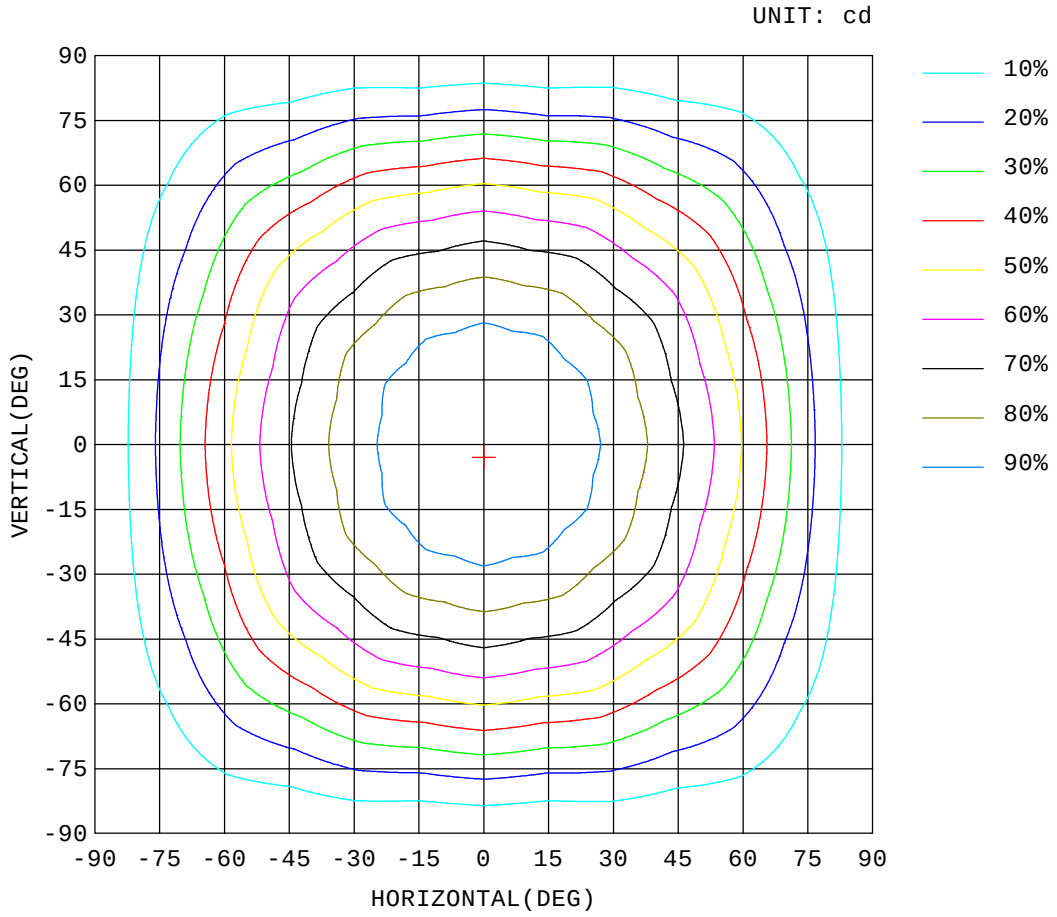
ISOCANDELA DIAGRAM

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101



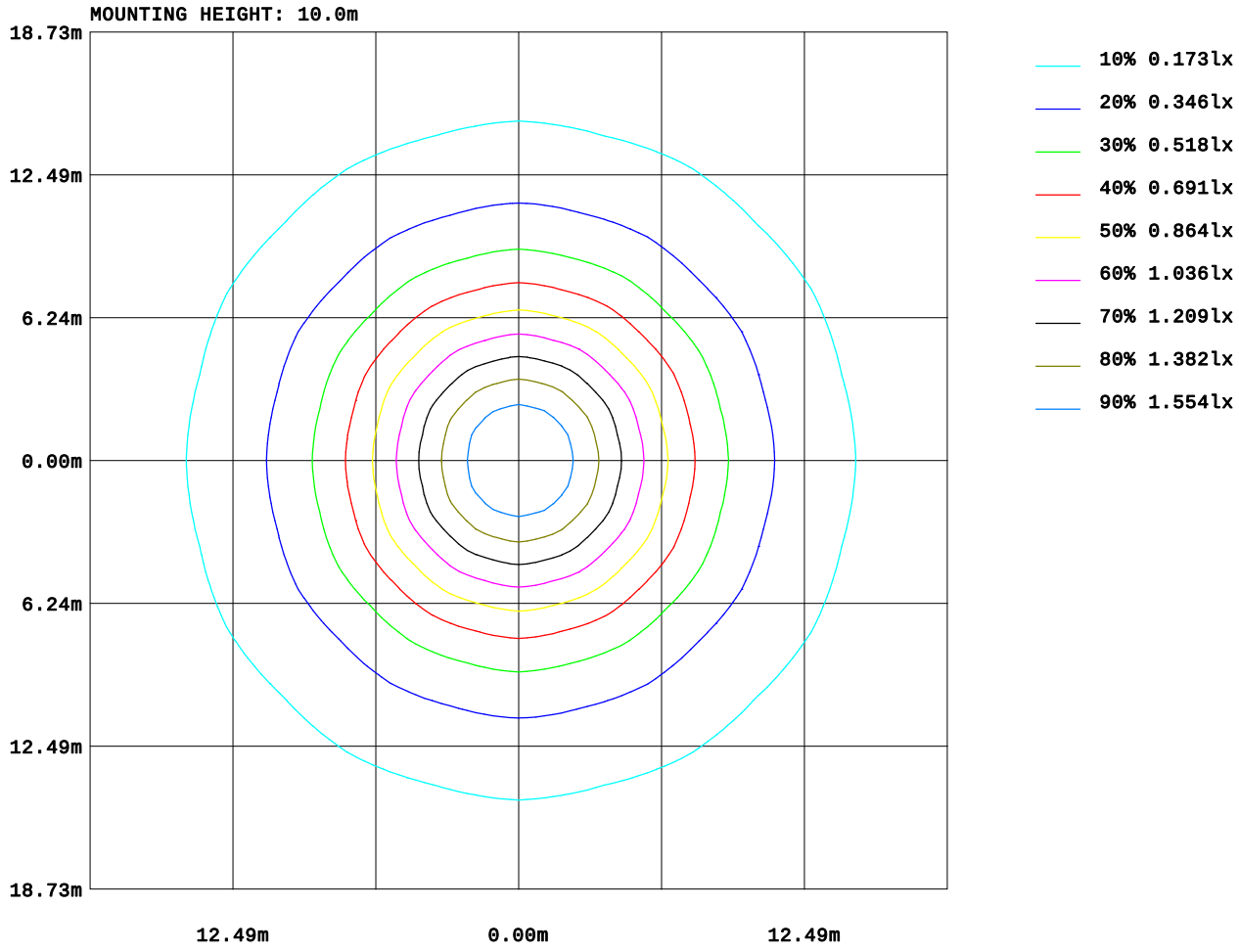
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOLUX DIAGRAM

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

AREA LUMINOUS FLUX

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

AREA FLUX DIAGRAM — UNIT:lm

VERTICAL(DEG) / HORIZONTAL(DEG)

	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90	F t	F a
90	0.01	0.04	0.09	0.15	0.19	0.28	0.35	0.36	0.42	0.42	0.36	0.35	0.29	0.20	0.15	0.09	0.04	0.01	3.81	1.20
80	0.02	0.07	0.19	0.37	0.55	0.80	1.00	1.11	1.24	1.24	1.11	1.01	0.81	0.57	0.38	0.20	0.07	0.02	10.7	10.2
70	0.02	0.11	0.32	0.64	0.98	1.38	1.76	1.97	2.15	2.16	1.98	1.78	1.41	1.00	0.67	0.33	0.11	0.02	18.8	18.6
60	0.02	0.15	0.45	0.92	1.41	1.95	2.47	2.78	3.00	3.01	2.79	2.50	1.98	1.45	0.95	0.47	0.16	0.02	26.5	26.4
50	0.03	0.19	0.57	1.15	1.81	2.44	3.08	3.49	3.74	3.74	3.51	3.11	2.48	1.85	1.19	0.60	0.21	0.03	33.2	33.1
40	0.03	0.23	0.67	1.34	2.13	2.87	3.55	4.07	4.33	4.34	4.09	3.59	2.92	2.18	1.38	0.71	0.25	0.03	38.7	38.7
30	0.04	0.27	0.76	1.48	2.34	3.20	3.92	4.49	4.77	4.78	4.52	3.96	3.26	2.40	1.53	0.80	0.28	0.04	42.8	42.8
	0.04	0.29	0.83	1.59	2.47	3.37	4.18	4.75	5.07	5.08	4.78	4.23	3.44	2.53	1.64	0.87	0.31	0.04	45.5	45.5
	0.04	0.31	0.87	1.66	2.56	3.46	4.25	4.85	5.18	5.19	4.90	4.33	3.54	2.64	1.72	0.91	0.32	0.04	46.8	46.8
	0.04	0.31	0.87	1.66	2.56	3.46	4.25	4.85	5.18	5.19	4.90	4.33	3.54	2.64	1.72	0.91	0.32	0.04	46.8	46.8
	0.04	0.29	0.83	1.59	2.47	3.37	4.18	4.75	5.07	5.08	4.78	4.23	3.44	2.53	1.64	0.87	0.31	0.04	45.5	45.5
-30	0.04	0.27	0.76	1.48	2.34	3.20	3.92	4.49	4.77	4.78	4.52	3.96	3.26	2.40	1.53	0.80	0.28	0.04	42.8	42.8
-40	0.03	0.23	0.67	1.34	2.13	2.87	3.55	4.07	4.33	4.34	4.09	3.59	2.92	2.18	1.38	0.71	0.25	0.03	38.7	38.7
-50	0.03	0.19	0.57	1.15	1.81	2.44	3.08	3.49	3.74	3.74	3.51	3.11	2.48	1.85	1.19	0.60	0.21	0.03	33.2	33.1
-60	0.02	0.15	0.45	0.92	1.41	1.95	2.47	2.78	3.00	3.01	2.79	2.50	1.98	1.45	0.95	0.47	0.16	0.02	26.5	26.4
-70	0.02	0.11	0.32	0.64	0.98	1.38	1.76	1.97	2.15	2.16	1.98	1.78	1.41	1.00	0.67	0.33	0.11	0.02	18.8	18.6
-80	0.02	0.07	0.19	0.37	0.55	0.80	1.00	1.11	1.24	1.24	1.11	1.01	0.81	0.57	0.38	0.20	0.07	0.02	10.7	10.2
-90	0.01	0.04	0.09	0.15	0.19	0.28	0.35	0.36	0.42	0.42	0.36	0.35	0.29	0.20	0.15	0.09	0.04	0.01	3.81	1.20
F t	0.49	3.32	9.53	18.6	28.9	39.5	49.1	55.8	59.8	59.9	56.1	49.7	40.3	29.7	19.2	9.97	3.50	0.52	535	
F a	0.10	2.81	9.08	18.1	28.5	39.1	48.7	55.3	59.4	59.5	55.7	49.4	39.9	29.2	18.8	9.54	3.03	0.16		527

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

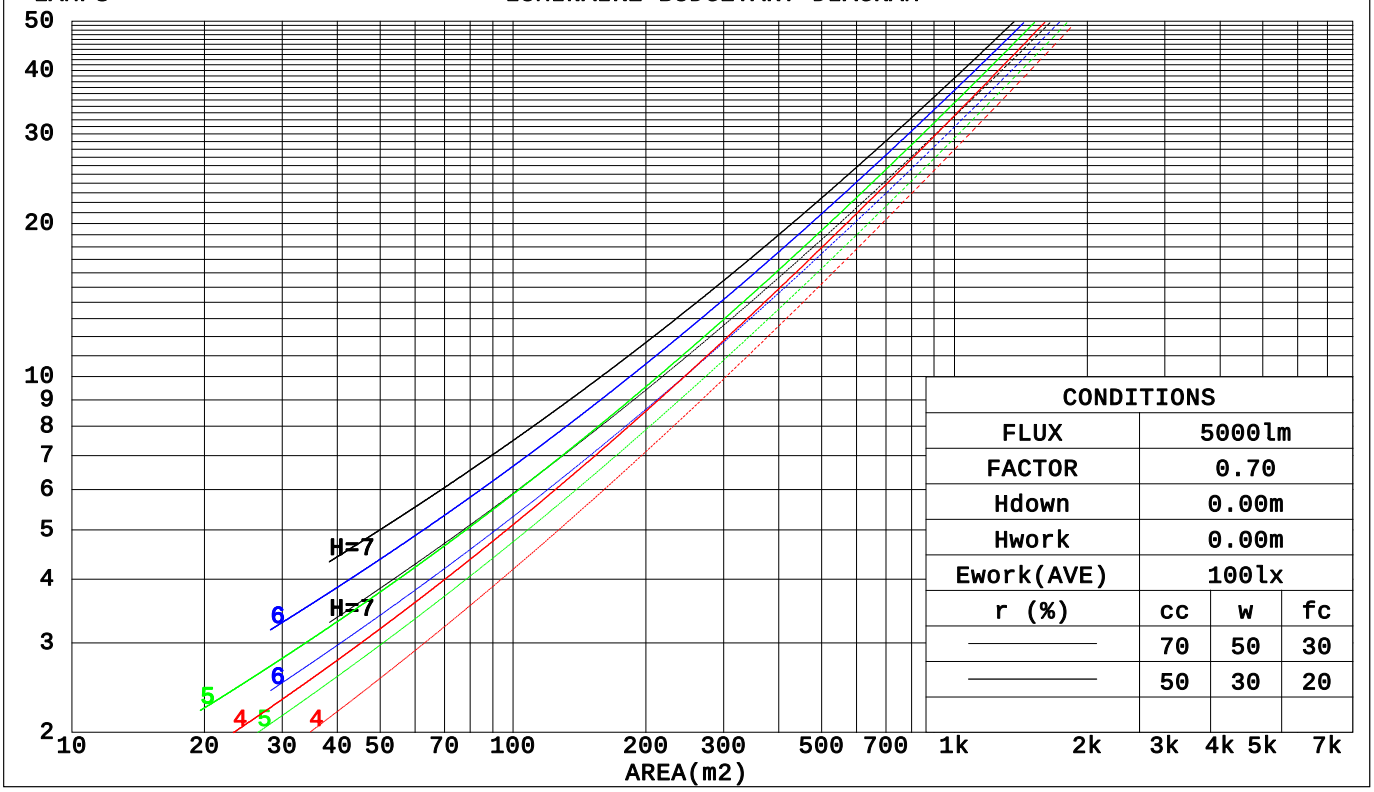
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.87	.89	.87	.85	.83
2.0	.89	.82	.76	.87	.81	.75	.84	.78	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.78	.70	.63	.77	.69	.62	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.61	.55	.50	.48
5.0	.61	.52	.45	.60	.52	.45	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.55	.46	.39	.54	.46	.39	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.34	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.33	.27	.39	.32	.27	.38	.32	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

WEC AND CCEC

Report number: 2020111101

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SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

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 Coeffcients(WEC)									
0.0																
1.0	.324	.185	.058	.317	.181	.058	.304	.174	.056	.292	.168	.054	.280	.163	.052	
2.0	.302	.166	.051	.296	.163	.050	.284	.158	.049	.273	.153	.048	.263	.149	.047	
3.0	.278	.148	.044	.272	.146	.044	.262	.142	.043	.252	.138	.042	.243	.135	.042	
4.0	.255	.133	.039	.250	.131	.039	.241	.128	.038	.232	.125	.038	.224	.122	.037	
5.0	.235	.120	.035	.231	.119	.035	.223	.116	.034	.215	.113	.034	.208	.111	.033	
6.0	.218	.109	.031	.214	.108	.031	.206	.106	.031	.200	.104	.030	.193	.102	.030	
7.0	.202	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.094	.028	
8.0	.189	.092	.026	.185	.091	.026	.180	.090	.026	.174	.088	.025	.169	.087	.025	
9.0	.176	.085	.024	.174	.085	.024	.168	.083	.024	.163	.082	.023	.159	.081	.023	
10.0	.166	.079	.022	.163	.079	.022	.158	.078	.022	.154	.076	.022	.150	.075	.022	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.156	.133	.155	.134	.115	.106	.092	.079	.061	.053	.046	.020	.017	.015	
2.0	.174	.132	.097	.149	.114	.084	.102	.079	.058	.059	.046	.034	.019	.015	.011	
3.0	.166	.114	.073	.142	.099	.063	.098	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.057	.136	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.046	.130	.079	.040	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.144	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.137	.076	.033	.118	.066	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.028	.112	.061	.025	.078	.042	.018	.045	.025	.010	.015	.008	.003	
9.0	.124	.065	.025	.107	.056	.022	.074	.040	.015	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.022	.102	.053	.019	.071	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

Uncorrected UGR Table

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

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	14.8	16.4	15.1	16.6	16.8	14.9	16.5	15.2	16.7	16.9
3H	16.4	17.9	16.7	18.1	18.4	16.6	18.0	16.9	18.2	18.5
4H	17.1	18.5	17.4	18.7	19.0	17.3	18.6	17.6	18.9	19.1
6H	17.6	18.9	17.9	19.2	19.4	17.8	19.1	18.1	19.4	19.6
8H	17.8	19.0	18.1	19.3	19.6	18.0	19.2	18.3	19.5	19.8
12H	17.9	19.1	18.2	19.4	19.7	18.1	19.4	18.5	19.6	20.0
4H 2H	15.5	16.9	15.8	17.1	17.4	15.6	16.9	15.9	17.2	17.5
3H	17.3	18.5	17.7	18.8	19.1	17.4	18.6	17.8	18.9	19.2
4H	18.1	19.2	18.5	19.5	19.9	18.2	19.3	18.6	19.7	20.0
6H	18.7	19.7	19.1	20.0	20.4	18.9	19.9	19.3	20.2	20.6
8H	18.9	19.8	19.3	20.2	20.6	19.1	20.1	19.6	20.4	20.8
12H	19.1	19.9	19.5	20.3	20.7	19.3	20.2	19.8	20.6	21.0
8H 4H	18.4	19.3	18.8	19.7	20.1	18.5	19.5	19.0	19.8	20.2
6H	19.2	20.0	19.6	20.4	20.8	19.4	20.1	19.8	20.5	21.0
8H	19.5	20.2	20.0	20.6	21.1	19.7	20.4	20.2	20.8	21.3
12H	19.8	20.3	20.2	20.8	21.3	20.0	20.6	20.5	21.0	21.5
12H 4H	18.4	19.3	18.9	19.7	20.1	18.6	19.4	19.0	19.8	20.2
6H	19.3	20.0	19.7	20.4	20.8	19.4	20.1	19.9	20.6	21.0
8H	19.6	20.2	20.1	20.7	21.2	19.9	20.4	20.3	20.9	21.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 534.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.2)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

UTILIZATION FACTORS TABLE

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101

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) x RCR = 5									
k = 0.60	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	55	71	64	55	48
1.25	82	71	64	80	70	63	78	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	82	76	68
2.50	98	90	84	96	88	83	92	86	81	72
3.00	101	94	88	99	93	87	95	90	85	77
4.00	106	100	95	103	98	93	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004	Suspended								SHRNOM = 1.25	

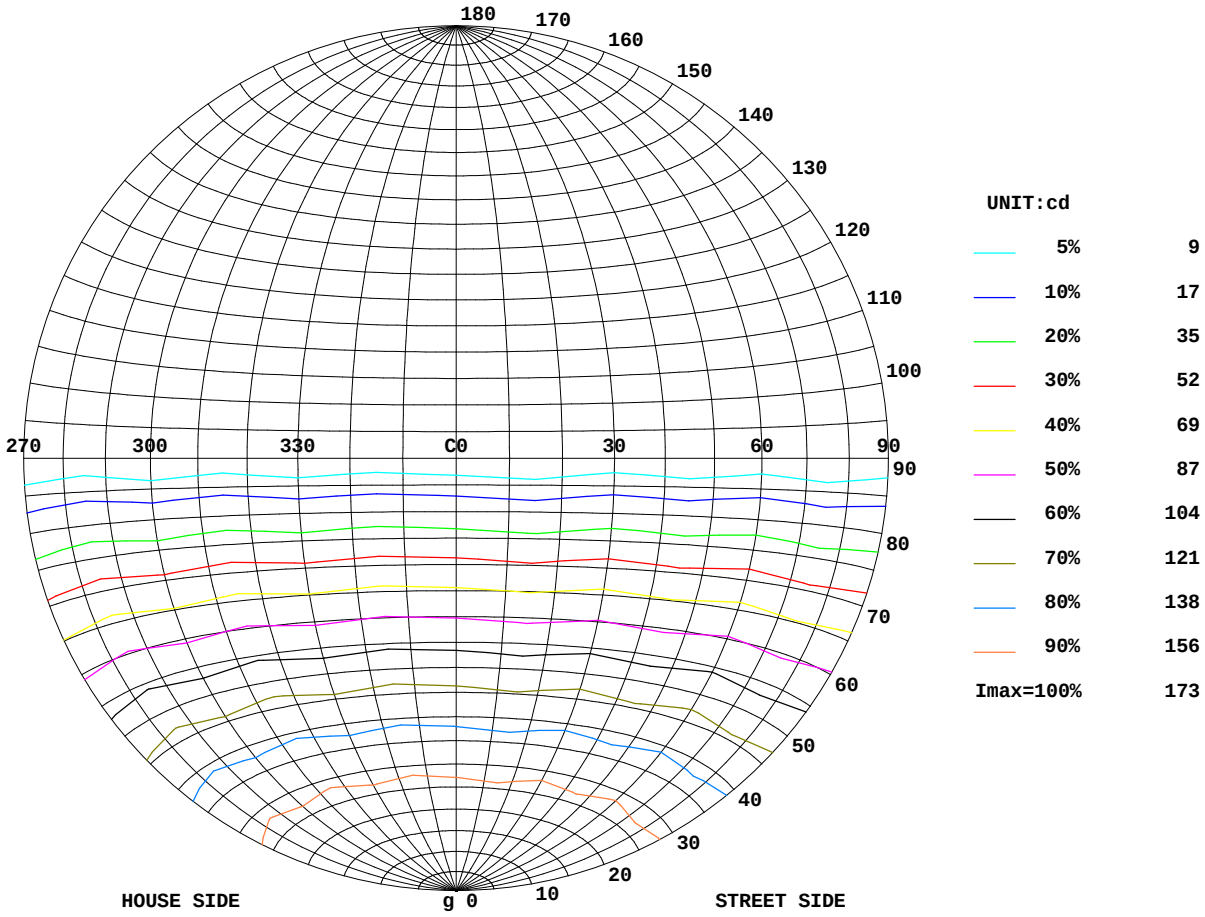
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101



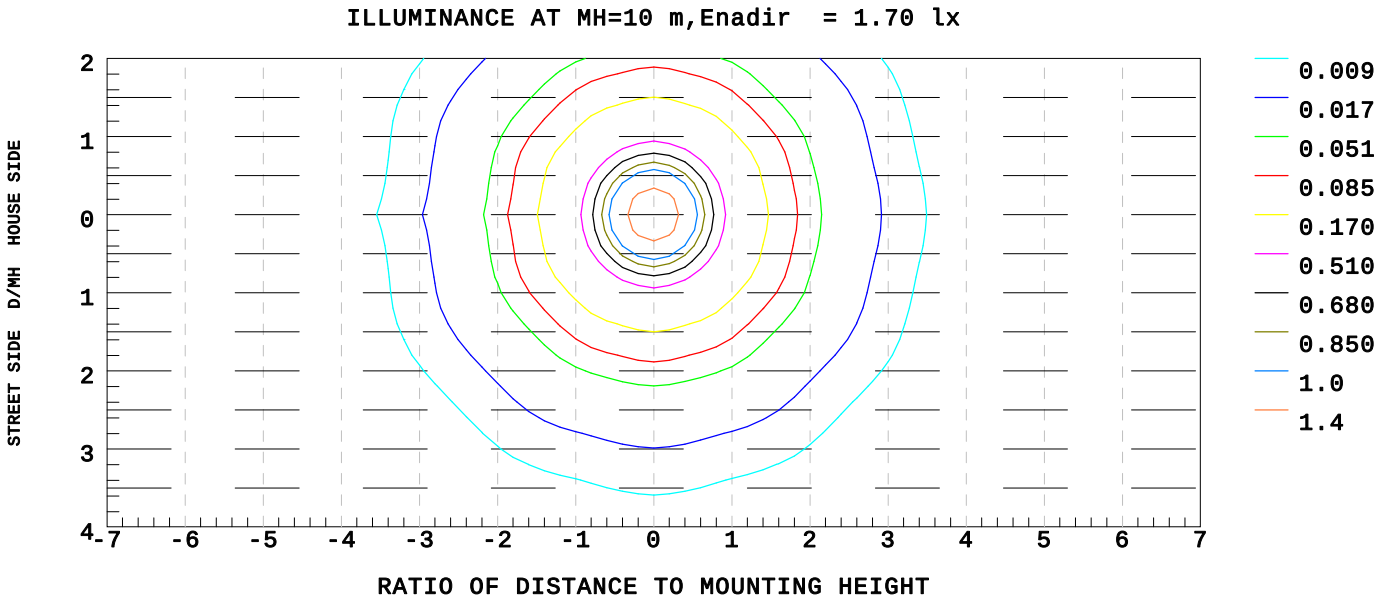
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

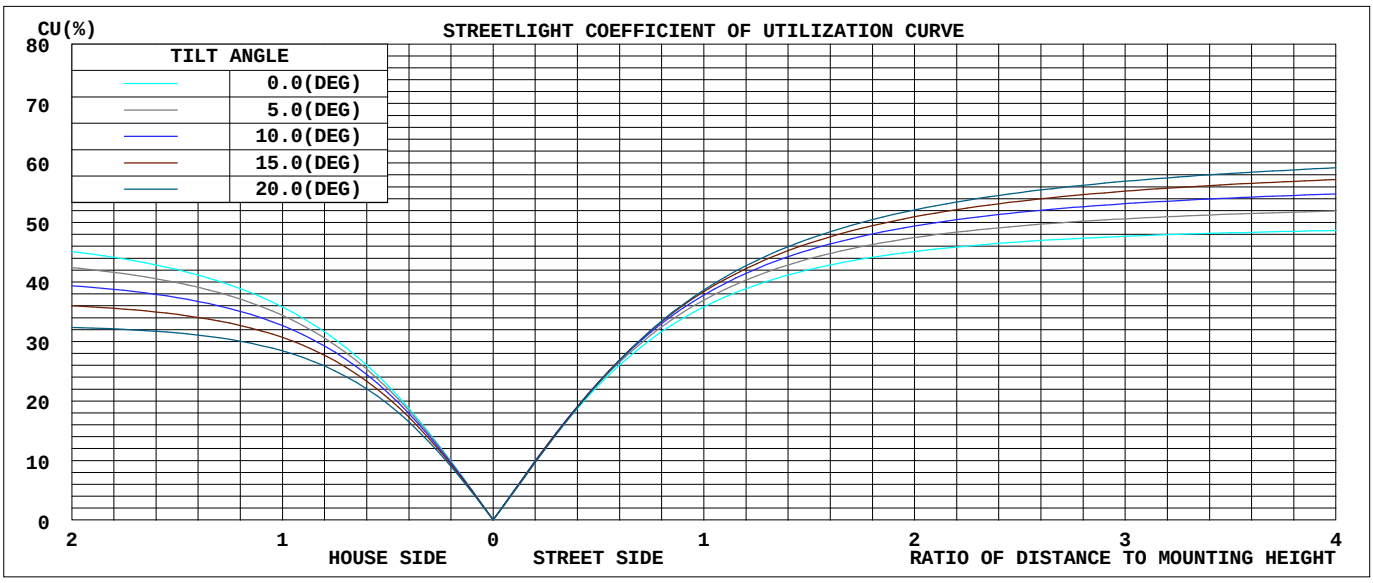
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOLUX DIAGRAM

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101





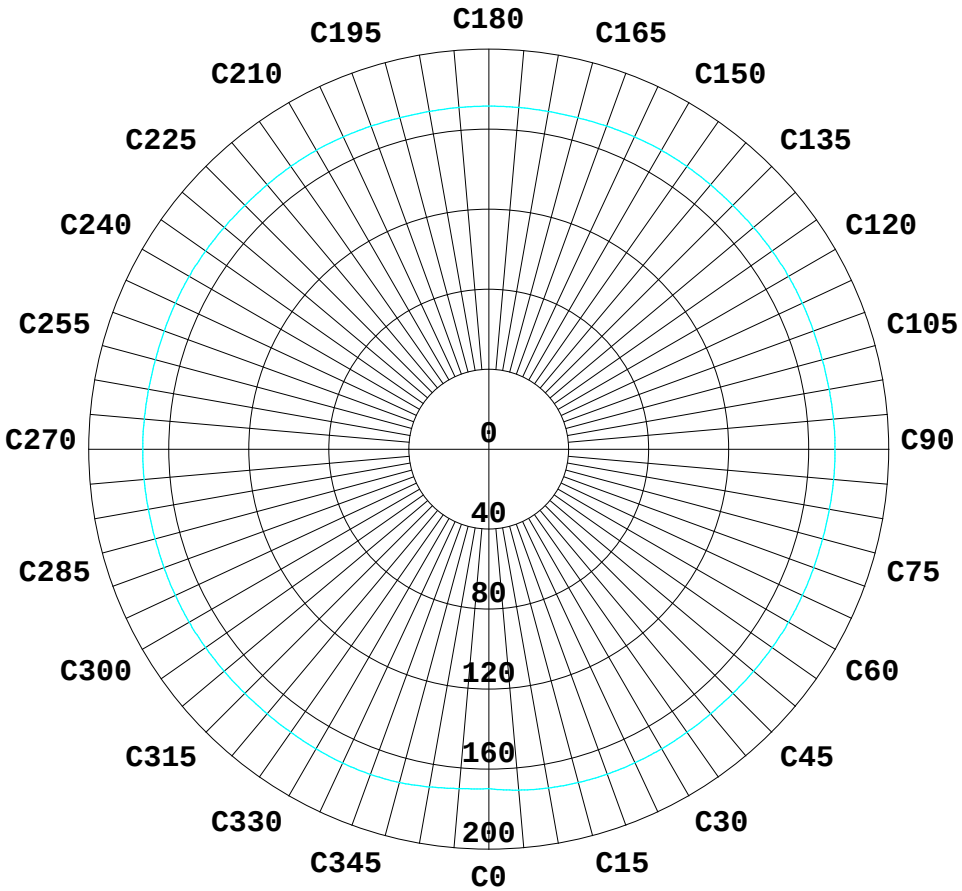
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number: 2020111101

MANUFACTURER: lightstec	Address:Zhongshan China	
NAME: 2835-120-24	TYPE:LED strip light	WEIGHT:20
SPECIFICATION:YG8,3000K,RA90,IP20	DIMENSION: 1M	SERIAL No.:2020111101



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 2020111101

MANUFACTURER: lightstec	**Address:Zhongshan China**	
NAME: 2835-120-24	**TYPE:LED strip light**	**WEIGHT:20**
SPECIFICATION:YG8,3000K,RA90,IP20	**DIMENSION: 1M**	**SERIAL No.:2020111101**

UNIT: cd

C(DEG) / g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	170	173	173	173	173	173	173	173	173	173	173	172	172	172	173
5.0	169	172	173	172	173	172	173	172	173	172	172	171	171	171	172
10.0	168	170	171	171	172	171	172	171	171	170	171	169	169	169	171
15.0	168	167	169	168	169	168	169	168	169	167	168	166	166	166	168
20.0	164	163	165	164	165	164	165	164	165	163	163	161	161	161	163
25.0	159	158	159	158	160	158	160	158	159	157	158	155	155	155	158
30.0	152	151	153	151	153	151	153	151	152	150	151	148	148	148	151
35.0	144	142	145	143	146	143	145	143	145	142	143	139	140	139	143
40.0	135	133	136	134	136	134	136	133	135	132	134	130	131	130	134
45.0	124	122	125	123	126	123	126	123	125	121	123	119	120	119	123
50.0	113	110	114	111	115	111	114	111	113	110	112	107	109	107	112
55.0	99.5	97.1	101	98.3	102	98.3	101	97.9	101	96.6	98.8	94.0	95.6	94.0	98.8
60.0	85.5	82.9	87.1	84.2	87.7	84.2	87.4	83.8	86.7	82.6	84.9	80.0	81.8	80.0	84.9
65.0	71.1	68.6	72.8	69.8	73.4	69.9	73.2	69.6	72.5	68.3	70.7	65.8	67.7	65.8	70.7
70.0	55.6	53.0	57.2	54.3	57.9	54.4	57.7	54.2	57.0	53.0	55.3	50.6	52.6	50.6	55.3
75.0	39.6	37.2	41.4	38.7	42.0	38.8	41.9	38.7	41.3	37.5	39.8	35.5	37.3	35.5	39.8
80.0	25.0	23.0	26.5	24.3	27.3	24.5	27.3	24.4	26.8	23.4	25.4	21.8	23.2	21.8	25.4
85.0	12.1	10.6	13.4	11.5	13.8	11.3	13.6	11.4	13.5	11.0	12.8	10.2	11.2	10.2	12.8
90.0	3.52	3.45	4.80	3.84	4.92	3.90	5.05	4.09	5.05	3.90	4.92	3.77	4.48	3.77	4.92

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020/11/11/

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 2020111101

MANUFACTURER: lightstec	**Address:Zhongshan China**	
NAME: 2835-120-24	**TYPE:LED strip light**	**WEIGHT:20**
SPECIFICATION:YG8,3000K,RA90,IP20	**DIMENSION: 1M**	**SERIAL No.:2020111101**

UNIT: cd

C(DEG) / g (DEG)	225	240	255	270	285	300	315	330	345
0.0	173	173	173	173	173	173	173	173	173
5.0	172	173	172	173	172	173	172	173	172
10.0	170	171	171	172	171	172	171	171	170
15.0	167	169	168	169	168	169	168	169	167
20.0	163	165	164	165	164	165	164	165	163
25.0	157	159	158	160	158	160	158	159	158
30.0	150	152	151	153	151	153	151	153	151
35.0	142	145	143	145	143	146	143	145	142
40.0	132	135	133	136	134	136	134	136	133
45.0	121	125	123	126	123	126	123	125	122
50.0	110	113	111	114	111	115	111	114	110
55.0	96.6	101	97.9	101	98.3	102	98.3	101	97.1
60.0	82.6	86.7	83.8	87.4	84.2	87.7	84.2	87.1	82.9
65.0	68.3	72.5	69.6	73.2	69.9	73.4	69.8	72.8	68.6
70.0	53.0	57.0	54.2	57.7	54.4	57.9	54.3	57.2	53.0
75.0	37.5	41.3	38.7	41.9	38.8	42.0	38.7	41.4	37.2
80.0	23.4	26.8	24.4	27.3	24.5	27.3	24.3	26.5	23.0
85.0	11.0	13.5	11.4	13.6	11.3	13.8	11.5	13.4	10.6
90.0	3.90	5.05	4.09	5.05	3.90	4.92	3.84	4.80	3.45

Test System:HOPOO HPG1800 **Test Set: 8.0deg/s C-Gamma (TYPE C)**
Temperature:25.3DEG **Humidity:65.0%**
Operators: **Test Distance:8.000 m**
Test Date:2020/11/11/ **Remarks:**