

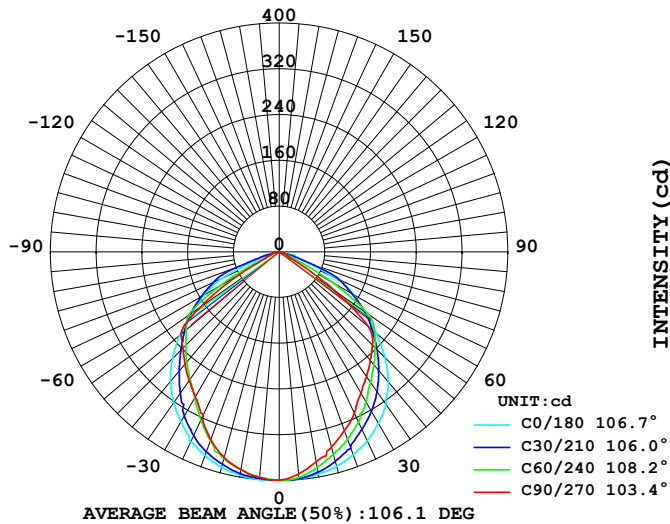
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

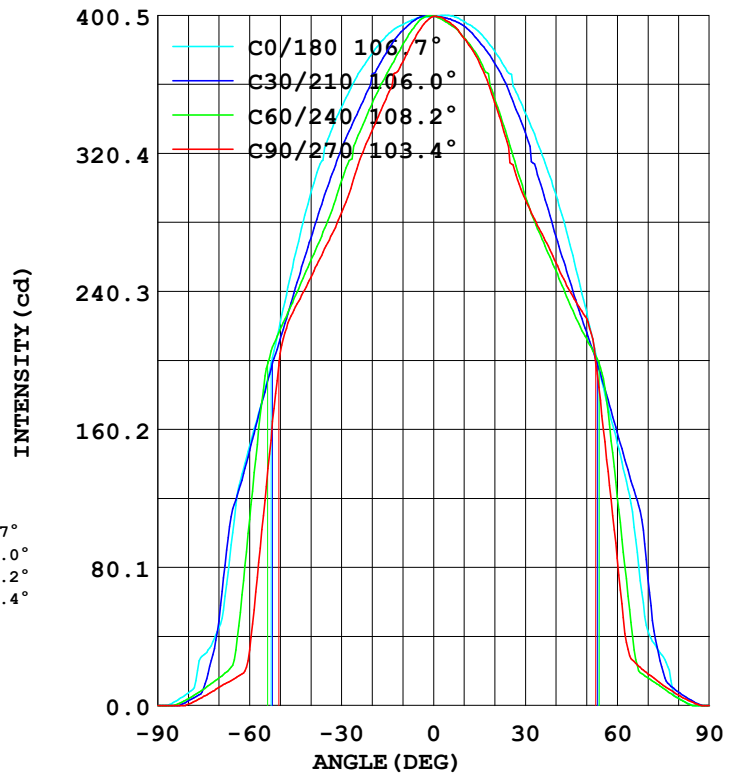
MANUFACTURER:		
Address:		
NAME: SJSC201-100W	TYPE: floodlight	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	400.4	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.08
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	912.77	Voltage(V)	0.540
RATED VOLTAGE (V)	3.2	EFFICIENCY (lm/W)		Current(A)	0.000
NOMINAL FLUX(lm)	912.8	η up (%)	0.0	Power(W)	0
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.021
TEST VOLTAGE (V)	0.5	Effective Flux(lm)	890.7	EEl	0.000 (E)

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



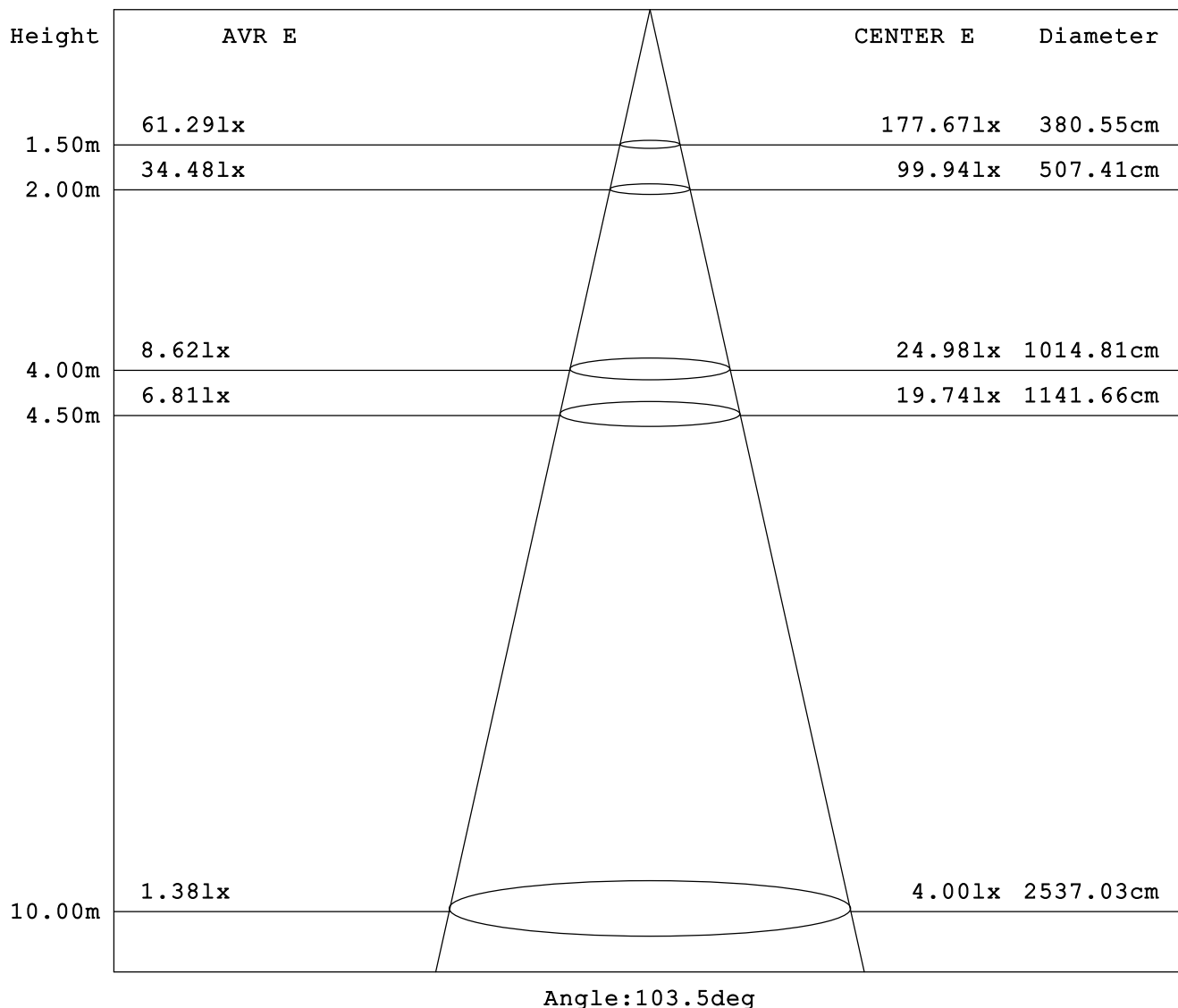
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年07月16日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.800 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: SJSC201-100W	TYPE: floodlight	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	399.0	397.6	390.4	389.1	400.3	396.9	396.5	397.8	0- 5	9.500	9.500
10.0	395.0	387.5	373.1	376.2	396.8	390.8	386.9	391.9	5- 10	27.99	37.49
15.0	388.8	373.5	353.9	362.5	390.5	379.9	372.6	381.0	10- 15	45.20	82.70
20.0	378.1	357.7	333.6	343.9	379.7	362.3	349.9	363.9	15- 20	60.41	143.1
25.0	364.8	335.9	311.4	321.6	366.4	339.8	314.9	342.1	20- 25	72.85	215.9
30.0	347.1	313.8	285.9	298.9	343.7	313.9	293.6	317.3	25- 30	82.14	298.1
35.0	325.8	288.7	266.7	276.1	322.0	287.6	274.9	290.8	30- 35	88.61	386.7
40.0	297.4	264.6	248.2	253.9	296.3	262.1	256.7	265.8	35- 40	92.63	479.3
45.0	262.0	240.1	231.2	232.9	264.2	237.3	238.9	241.0	40- 45	93.93	573.2
50.0	221.8	215.1	204.2	211.4	228.3	214.6	224.4	215.8	45- 50	92.45	665.7
55.0	183.1	186.5	118.9	169.8	188.1	191.1	168.0	191.8	50- 55	86.26	752.0
60.0	150.6	128.0	32.16	111.6	152.3	139.9	85.49	143.4	55- 60	69.60	821.6
65.0	107.4	71.56	15.59	63.21	112.2	83.96	26.31	88.90	60- 65	46.69	868.3
70.0	44.97	32.44	10.44	19.98	43.16	44.83	18.37	47.13	65- 70	26.92	895.2
75.0	29.24	9.746	5.291	7.658	28.26	14.68	11.69	14.34	70- 75	11.56	906.8
80.0	7.240	3.272	0.696	2.367	4.177	5.987	5.987	6.544	75- 80	4.632	911.4
85.0	1.670	0	0	0	0	1.113	1.531	1.253	80- 85	1.252	912.6
90.0	0	0	0	0	0	0	0	0	85- 90	0.086	912.7
95.0	0	0	0	0	0	0	0	0	90- 95	0	912.7
100.0	0	0	0	0	0	0	0	0	95-100	0	912.7
105.0	0	0	0	0	0	0	0	0	100-105	0	912.7
110.0	0	0	0	0	0	0	0	0	105-110	0	912.7
115.0	0	0	0	0	0	0	0	0	110-115	0	912.7
120.0	0	0	0	0	0	0	0	0	115-120	0	912.7
125.0	0	0	0	0	0	0	0	0	120-125	0	912.7
130.0	0	0	0	0	0	0	0	0	125-130	0	912.7
135.0	0	0	0	0	0	0	0	0	130-135	0	912.7
140.0	0	0	0	0	0	0	0	0	135-140	0	912.7
145.0	0	0	0	0	0	0	0	0	140-145	0	912.7
150.0	0	0	0	0	0	0	0	0	145-150	0	912.7
155.0	0	0	0	0	0	0	0	0	150-155	0	912.7
160.0	0	0	0	0	0	0	0	0	155-160	0	912.7
165.0	0	0	0	0	0	0	0	0	160-165	0	912.7
170.0	0	0	0	0	0	0	0	0	165-170	0	912.7
175.0	0	0	0	0	0	0	0	0	170-175	0	912.7
180.0	0	0	0	0	0	0	0	0	175-180	0	912.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

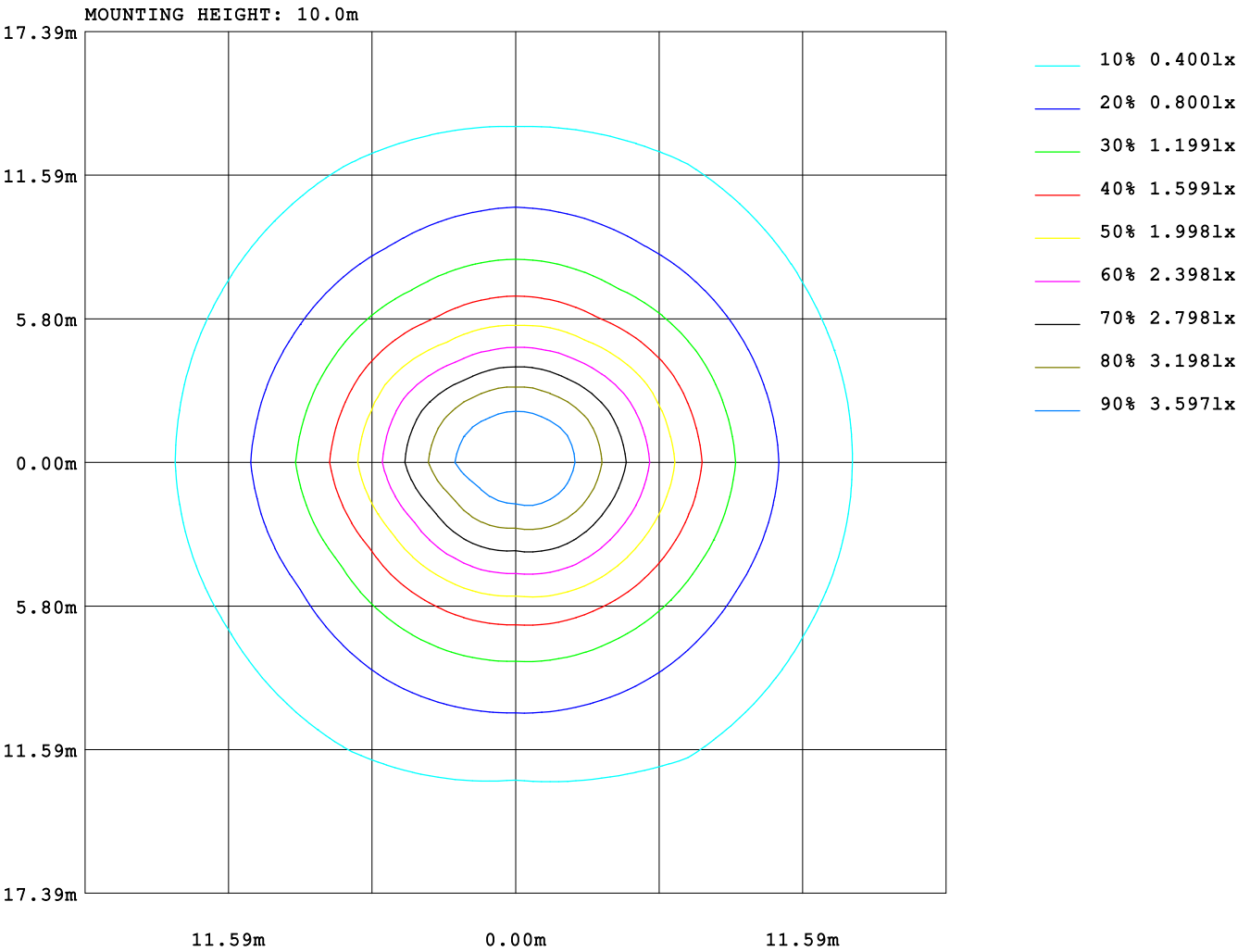
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年07月16日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: SJSC201-100W	TYPE: floodlight	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Temperature:25.3DEG
Operators:
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Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																			
Address:																			
NAME: SJSC201-100W										TYPE: floodlight					WEIGHT:				
SPECIFICATION:										DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90			
	0.00	0.00	0.00	0.01	0.02	0.01	0.02	0.04	0.05	0.05	0.04	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.33	0.00		
	0.00	0.01	0.04	0.10	0.15	0.19	0.24	0.30	0.35	0.35	0.31	0.25	0.21	0.16	0.11	0.05	0.01	0.00	2.81	0.00		
	0.00	0.02	0.10	0.29	0.65	0.81	0.78	1.04	1.11	1.12	1.08	0.82	0.85	0.67	0.29	0.11	0.03	0.00	9.81	4.57		
	0.00	0.04	0.25	1.08	1.99	2.72	3.84	4.67	5.02	5.05	4.76	3.98	2.83	2.10	1.12	0.25	0.05	0.00	39.8	38.9		
	0.00	0.07	0.54	2.01	3.28	4.72	5.85	6.65	7.17	7.19	6.71	5.92	4.76	3.33	2.10	0.56	0.08	0.00	61.0	60.4		
	0.00	0.12	0.89	2.51	4.11	5.61	6.84	7.70	8.26	8.28	7.74	6.92	5.66	4.08	2.54	0.91	0.13	0.01	72.3	71.9		
	0.00	0.17	1.15	2.88	4.69	6.47	8.02	8.99	9.65	9.71	9.12	8.11	6.59	4.66	2.86	1.16	0.18	0.01	84.4	84.0		
	0.00	0.20	1.31	3.14	5.20	7.30	9.22	10.5	11.1	11.2	10.5	9.27	7.40	5.19	3.09	1.31	0.21	0.01	96.3	95.9		
	0.00	0.21	1.38	3.29	5.57	7.85	9.87	11.2	11.9	11.9	11.2	9.88	7.93	5.54	3.21	1.37	0.22	0.01	103	103		
	0.00	0.20	1.35	3.27	5.53	7.72	9.61	10.9	11.6	11.8	11.1	9.77	7.88	5.52	3.20	1.35	0.22	0.01	101	101		
	0.00	0.18	1.23	3.08	5.07	6.98	8.61	9.95	10.7	10.8	10.3	9.03	7.27	5.14	3.05	1.25	0.20	0.01	92.9	92.5		
-30	0.00	0.14	0.98	2.78	4.50	6.13	7.65	8.78	9.40	9.52	9.10	8.03	6.46	4.60	2.76	1.05	0.16	0.01	82.1	81.6		
-40	0.00	0.10	0.61	2.35	3.88	5.44	6.75	7.64	8.07	8.14	7.80	6.95	5.62	3.97	2.36	0.76	0.11	0.01	70.6	70.0		
-50	0.00	0.05	0.29	1.52	2.93	4.28	5.78	6.62	6.97	6.99	6.66	5.94	4.61	3.04	1.76	0.42	0.07	0.00	57.9	57.3		
-60	0.00	0.02	0.14	0.44	1.39	1.96	2.67	3.49	3.72	3.86	3.98	3.48	2.39	1.69	0.78	0.18	0.03	0.00	30.2	29.1		
-70	0.00	0.00	0.04	0.11	0.28	0.52	0.52	0.57	0.55	0.62	0.73	0.63	0.67	0.46	0.17	0.06	0.01	0.00	5.93	0.67		
-80	0.00	0.00	0.00	0.02	0.07	0.13	0.18	0.19	0.18	0.18	0.20	0.20	0.16	0.08	0.03	0.01	0.00	0.00	1.63	0.00		
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90	
Φ t	0.03	1.52	10.3	28.9	49.3	68.9	86.5	99.4	106	107	102	89.2	71.3	50.3	29.4	10.8	1.71	0.08	913			
Φ a	0.00	0.09	8.90	27.9	48.3	67.6	84.9	97.8	104	105	100	87.8	70.0	49.3	28.4	9.46	0.15	0.00		891		

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Temperature:25.3DEG
Operators:
Test Date:2026年07月16日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.800 m
Remarks:

UGR(Unified Glare Rating)Table

Report number:

MANUFACTURER:										
Address:										
NAME: SJSC201-100W					TYPE: floodlight			WEIGHT:		
SPECIFICATION:					DIMENSION:			SERIAL No.:		
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	17.3	18.7	17.5	18.8	19.0	15.4	16.8	15.7	17.0	17.2
3H	17.9	19.2	18.2	19.4	19.7	15.3	16.6	15.6	16.8	17.0
4H	18.0	19.2	18.3	19.4	19.7	15.2	16.4	15.5	16.6	16.9
6H	17.9	19.0	18.2	19.3	19.6	15.1	16.2	15.4	16.5	16.8
8H	17.9	19.0	18.2	19.2	19.5	15.0	16.1	15.4	16.4	16.7
12H	17.8	18.9	18.2	19.1	19.4	15.0	16.0	15.3	16.3	16.6
4H 2H	17.5	18.7	17.8	18.9	19.2	15.8	17.1	16.1	17.3	17.5
3H	18.2	19.3	18.6	19.6	19.9	15.7	16.8	16.1	17.1	17.4
4H	18.3	19.2	18.6	19.5	19.9	15.7	16.6	16.0	16.9	17.3
6H	18.2	19.1	18.6	19.4	19.8	15.6	16.4	16.0	16.8	17.1
8H	18.2	19.0	18.6	19.3	19.7	15.6	16.3	16.0	16.7	17.1
12H	18.2	18.9	18.6	19.2	19.6	15.5	16.2	15.9	16.6	17.0
8H 4H	18.2	18.9	18.6	19.3	19.7	15.6	16.4	16.1	16.8	17.2
6H	18.1	18.8	18.6	19.2	19.6	15.6	16.2	16.0	16.6	17.0
8H	18.1	18.6	18.6	19.1	19.5	15.5	16.1	16.0	16.5	17.0
12H	18.1	18.5	18.5	19.0	19.4	15.5	16.0	16.0	16.4	16.9
12H 4H	18.1	18.8	18.5	19.2	19.6	15.6	16.3	16.0	16.7	17.1
6H	18.1	18.6	18.5	19.1	19.5	15.5	16.1	16.0	16.5	17.0
8H	18.1	18.5	18.5	19.0	19.4	15.5	16.0	16.0	16.4	16.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.6 / - 1.0				
1.5H	+ 0.3 / - 0.4					+ 1.3 / - 1.8				
2.0H	+ 0.5 / - 0.7					+ 1.8 / - 6.5				

CIE Pub.117 Corrected 912.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.3)

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Operators:
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