

LUMINAIRE PHOTOMETRIC TEST REPORT

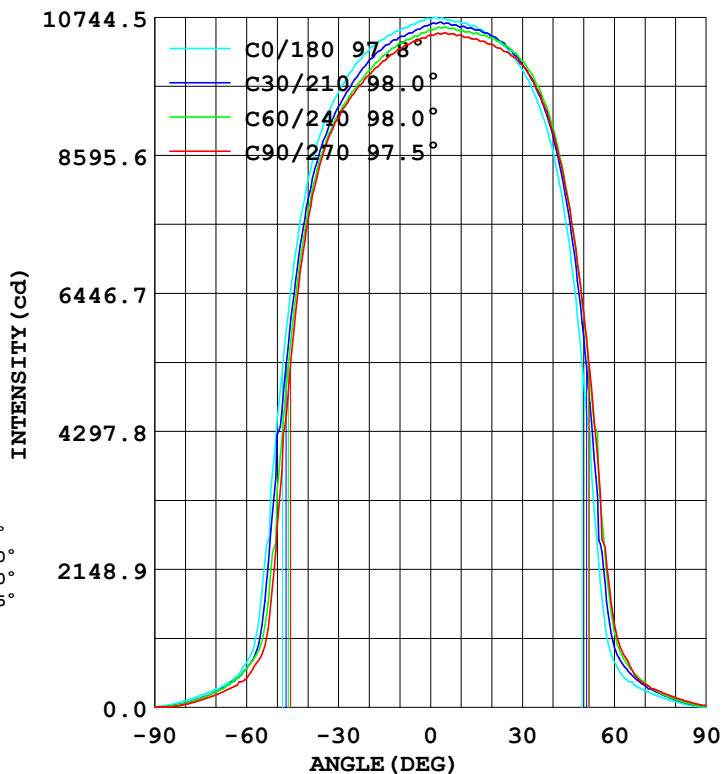
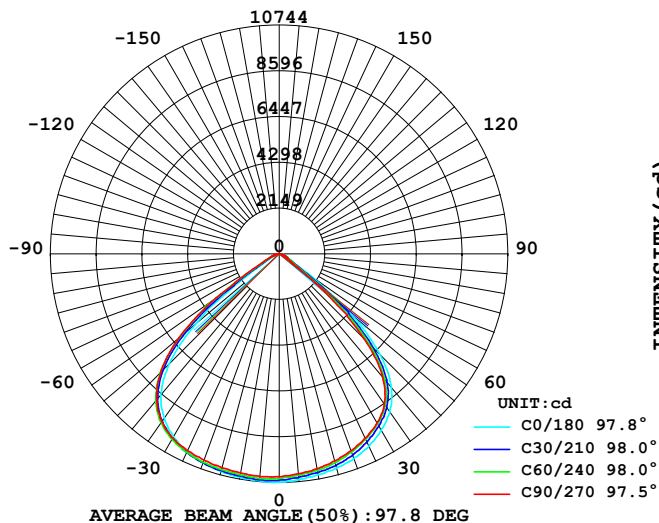
Report number:

MANUFACTURER:		
Address:		
NAME: SJTG612	TYPE: 投光灯	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	10744	S/MH(C0/180)	1.32
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	152	TOTAL FLUX(lm)	22114	Voltage(V)	219.7
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	146.2	Current(A)	0.708
NOMINAL FLUX(lm)	22113.9	η up(%)	0.1	Power(W)	151.2
LAMPS QUANTITY	1	η down(%)	99.9	Power Factor(PF)	0.972
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	21184.3	EEL	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION

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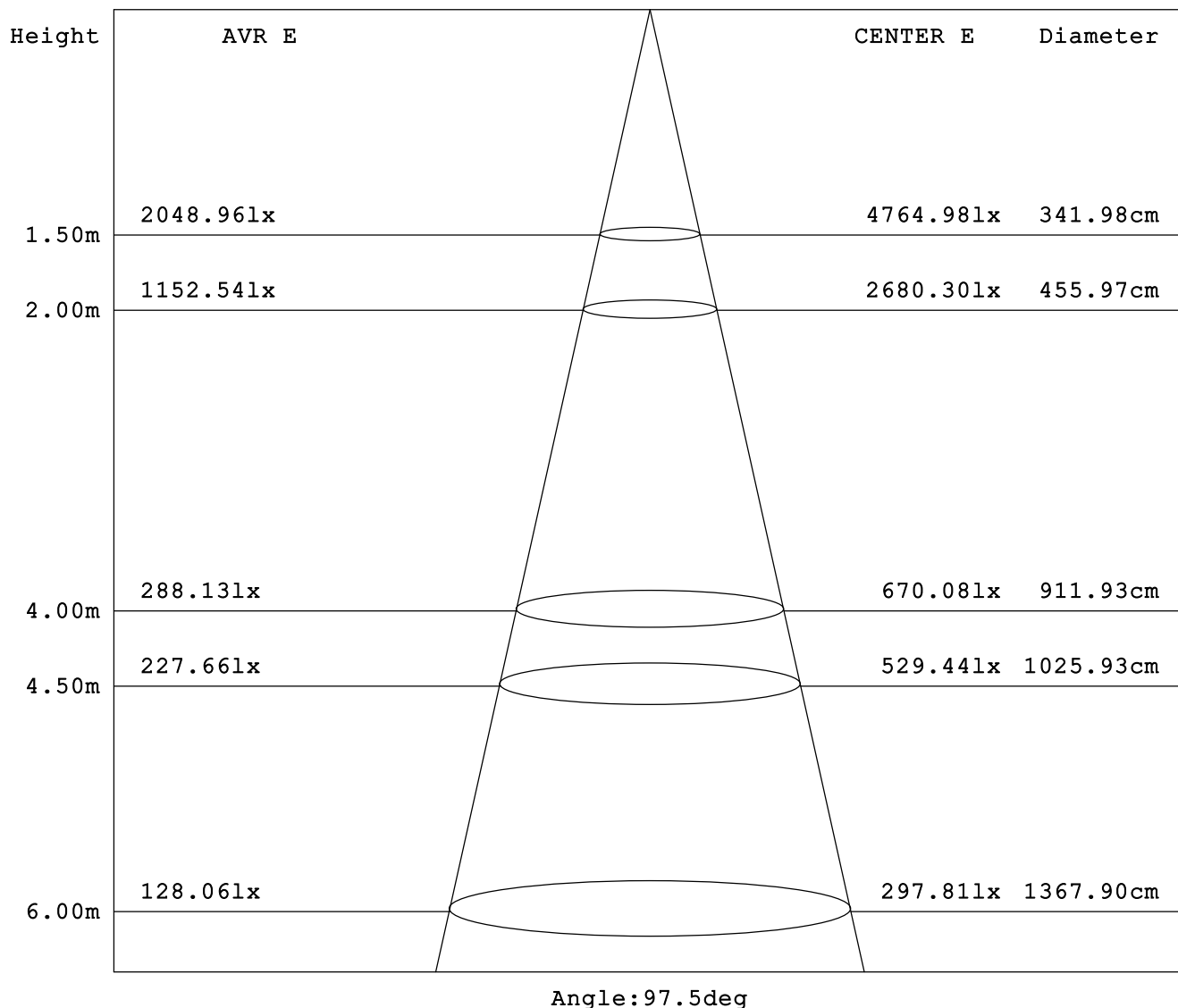
Test System: HopooColor HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2026年04月23日

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

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1064	1049	1038	1032	1071	1062	1050	1035	0- 5	251.0	251.0
10.0	1054	1039	1025	1024	1066	1057	1046	1029	5- 10	747.1	998.2
15.0	1041	1023	1007	1011	1059	1052	1041	1021	10- 15	1229	2227
20.0	1024	999.5	984.5	992.8	1045	1044	1032	1009	15- 20	1685	3912
25.0	996.6	968.3	955.6	967.5	1026	1029	1020	991.0	20- 25	2105	6017
30.0	957.9	929.2	918.0	933.0	993.0	1004	1000	963.5	25- 30	2473	8490
35.0	906.6	875.3	861.8	880.8	942.5	962.8	961.6	922.4	30- 35	2763	11253
40.0	819.9	779.2	756.1	784.3	865.9	896.4	896.3	855.2	35- 40	2918	14171
45.0	670.8	609.1	564.5	612.5	731.9	781.0	787.5	733.8	40- 45	2826	16997
50.0	447.2	379.5	278.8	372.8	508.7	593.4	614.5	537.7	45- 50	2340	19338
55.0	180.6	115.5	82.84	113.6	224.0	306.3	365.3	280.3	50- 55	1428	20765
60.0	70.07	60.56	45.57	60.65	71.34	106.6	131.3	99.38	55- 60	606.5	21372
65.0	41.60	39.35	30.42	39.53	40.08	58.08	66.20	57.54	60- 65	297.4	21669
70.0	28.44	24.43	19.68	24.22	26.41	37.39	36.82	37.44	65- 70	189.0	21858
75.0	18.67	14.36	11.30	13.95	16.66	22.11	24.53	22.68	70- 75	122.4	21981
80.0	10.79	6.920	4.762	6.488	9.022	12.28	15.14	12.93	75- 80	73.52	22054
85.0	4.205	2.081	0.947	1.858	3.146	5.451	7.867	5.952	80- 85	35.76	22090
90.0	1.281	0.849	0.557	0.919	0.780	1.462	2.673	1.691	85- 90	12.43	22102
95.0	1.141	0.870	0.654	0.912	0.933	1.037	1.392	1.044	90- 95	5.651	22108
100.0	1.072	0.933	0.794	0.954	1.253	1.099	1.281	1.099	95-100	5.502	22114
105.0	0	0	0	0	0	0	0	0	100-105	0.283	22114
110.0	0	0	0	0	0	0	0	0	105-110	0	22114
115.0	0	0	0	0	0	0	0	0	110-115	0	22114
120.0	0	0	0	0	0	0	0	0	115-120	0	22114
125.0	0	0	0	0	0	0	0	0	120-125	0	22114
130.0	0	0	0	0	0	0	0	0	125-130	0	22114
135.0	0	0	0	0	0	0	0	0	130-135	0	22114
140.0	0	0	0	0	0	0	0	0	135-140	0	22114
145.0	0	0	0	0	0	0	0	0	140-145	0	22114
150.0	0	0	0	0	0	0	0	0	145-150	0	22114
155.0	0	0	0	0	0	0	0	0	150-155	0	22114
160.0	0	0	0	0	0	0	0	0	155-160	0	22114
165.0	0	0	0	0	0	0	0	0	160-165	0	22114
170.0	0	0	0	0	0	0	0	0	165-170	0	22114
175.0	0	0	0	0	0	0	0	0	170-175	0	22114
180.0	0	0	0	0	0	0	0	0	175-180	0	22114
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

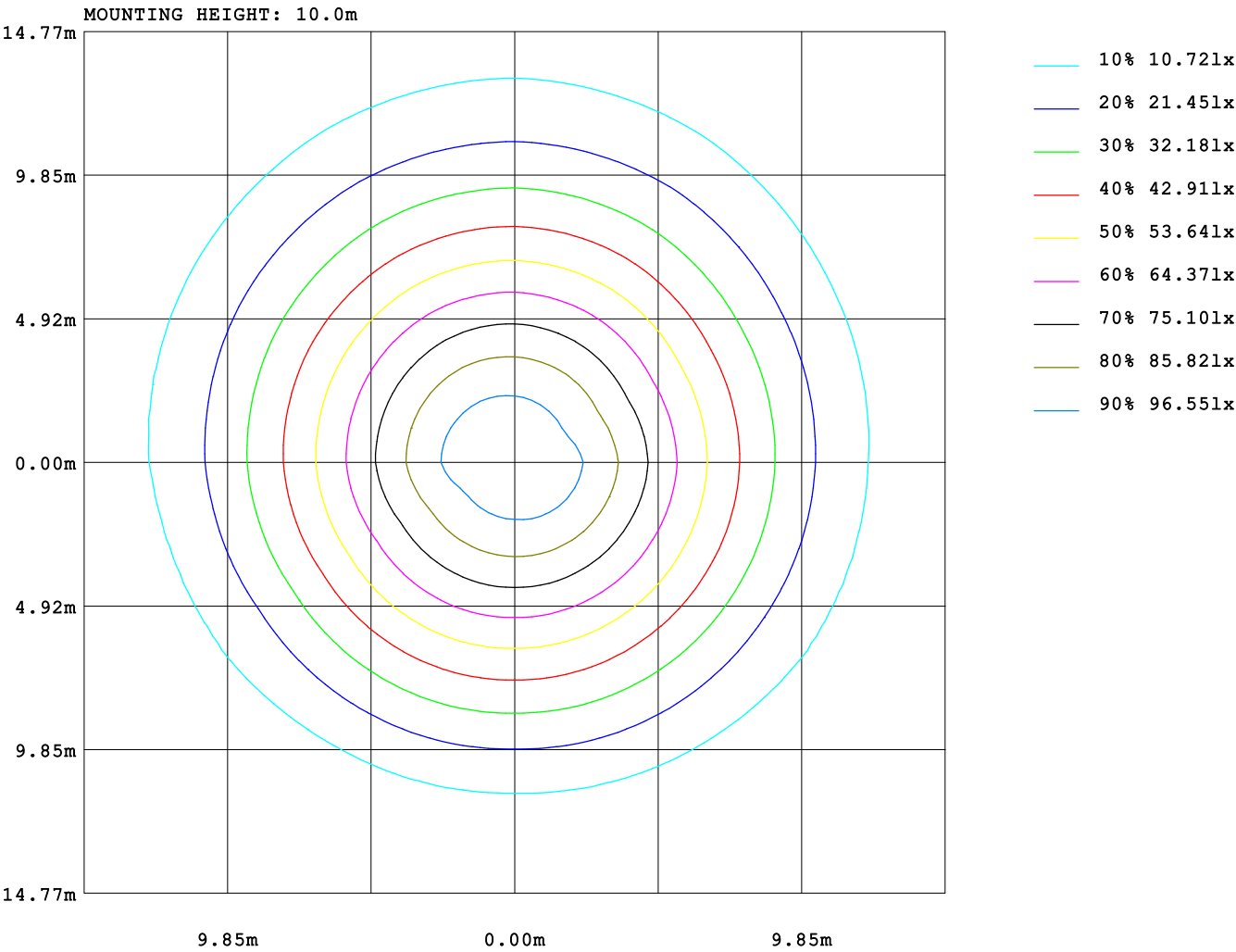
Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026年04月23日

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: SJTG612	TYPE: 投光灯	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																				
Address:																				
NAME: SJTG612									TYPE: 投光灯						WEIGHT:					
SPECIFICATION:									DIMENSION:						SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.13	0.34	0.61	0.90	1.20	1.57	2.00	2.34	2.37	2.08	1.69	1.31	0.99	0.67	0.38	0.17	0.04	18.8	0.00		
90																						
80	0.04	0.26	0.84	1.75	2.90	4.22	5.58	6.71	7.41	7.47	6.85	5.79	4.42	3.04	1.85	0.92	0.32	0.05	60.4	0.00		
70	0.05	0.46	1.55	3.45	6.09	9.69	13.9	17.7	20.5	20.5	17.7	13.9	9.82	6.18	3.50	1.65	0.53	0.07	148	5.91		
60	0.07	0.69	2.39	5.62	11.3	23.2	52.0	85.6	106	104	81.1	47.6	21.9	11.2	5.63	2.48	0.78	0.09	563	475		
50	0.09	0.92	3.26	8.60	25.8	87.3	162	211	233	231	204	152	76.0	22.8	8.55	3.35	1.01	0.12	1431	1383		
40	0.11	1.12	4.15	13.5	70.0	166	234	273	289	287	266	224	151	57.6	12.5	4.25	1.23	0.14	2056	2022		
30	0.12	1.28	4.94	24.2	117	209	265	296	309	306	288	253	195	101	20.5	5.04	1.41	0.15	2397	2371		
	0.13	1.38	5.51	37.4	144	228	277	306	316	312	295	264	215	130	30.7	5.63	1.52	0.17	2569	2546		
	0.14	1.42	5.71	44.5	154	234	282	310	321	315	301	272	223	142	36.7	5.85	1.57	0.17	2648	2627		
	0.13	1.39	5.54	41.4	149	229	276	302	313	316	302	271	222	139	34.9	5.68	1.54	0.17	2612	2590		
	0.13	1.30	5.05	29.7	128	213	261	290	304	305	291	260	209	121	26.0	5.17	1.44	0.16	2451	2427		
-30	0.11	1.16	4.32	16.5	87.4	181	242	274	289	289	274	241	179	84.2	15.4	4.42	1.29	0.14	2183	2153		
-40	0.10	0.97	3.48	9.62	37.1	118	194	239	258	257	238	194	119	37.2	9.47	3.58	1.08	0.12	1720	1680		
-50	0.07	0.75	2.60	6.41	13.8	37.4	87.9	138	165	165	139	89.9	38.3	13.7	6.33	2.71	0.85	0.10	908	844		
-60	0.05	0.52	1.76	4.04	7.74	12.9	19.3	27.1	32.8	33.1	27.8	19.7	12.9	7.67	4.07	1.87	0.60	0.08	214	67.7		
-70	0.04	0.31	1.00	2.23	4.06	6.26	8.41	9.64	9.79	9.81	9.69	8.47	6.31	4.12	2.30	1.09	0.37	0.06	84.0	0.00		
-80	0.02	0.14	0.40	0.88	1.59	2.41	3.13	3.54	3.61	3.64	3.60	3.23	2.51	1.68	0.95	0.46	0.18	0.04	32.0	0.00		
-90	0.02	0.06	0.10	0.18	0.33	0.50	0.60	0.58	0.52	0.52	0.61	0.63	0.53	0.36	0.20	0.12	0.08	0.03	5.97	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)						20	30	40	50	60	70	80	90
Φ t	1.45	14.2	52.9	251	962	1763	2386	2792	2981	2966	2749	2320	1687	883	221	54.7	16.0	1.89	22114			
Φ a	0.00	0.00	0.00	167	898	1703	2327	2735	2926	2911	2691	2260	1624	817	130	0.00	0.00	0.00				21184

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Test Distance:11.800 m
Remarks:

UGR(Unified Glare Rating)Table

Report number:

MANUFACTURER:											
Address:											
NAME: SJTG612					TYPE: 投光灯			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	25.0	26.2	25.2	26.4	26.6	24.1	25.4	24.4	25.6	25.8	
	24.9	26.0	25.1	26.2	26.5	24.0	25.2	24.3	25.4	25.6	
	24.8	25.9	25.1	26.1	26.4	23.9	25.0	24.2	25.2	25.5	
	24.7	25.8	25.1	26.0	26.3	23.8	24.9	24.2	25.1	25.4	
	24.7	25.7	25.0	26.0	26.2	23.8	24.8	24.1	25.0	25.3	
	24.7	25.6	25.0	25.9	26.2	23.7	24.7	24.1	25.0	25.3	
4H	2H	24.7	25.8	25.0	26.1	26.3	23.9	25.0	24.2	25.3	25.5
	3H	24.7	25.6	25.0	25.9	26.2	23.8	24.8	24.2	25.1	25.3
	4H	24.6	25.5	25.0	25.8	26.1	23.8	24.6	24.1	24.9	25.3
	6H	24.6	25.3	25.0	25.7	26.0	23.7	24.5	24.1	24.8	25.2
	8H	24.6	25.2	25.0	25.6	26.0	23.7	24.4	24.1	24.7	25.1
	12H	24.5	25.2	25.0	25.5	25.9	23.6	24.3	24.1	24.6	25.0
8H	4H	24.5	25.2	24.9	25.6	25.9	23.7	24.4	24.1	24.7	25.1
	6H	24.5	25.0	24.9	25.4	25.9	23.6	24.2	24.1	24.6	25.0
	8H	24.5	25.0	24.9	25.4	25.8	23.6	24.1	24.0	24.5	24.9
	12H	24.4	24.9	24.9	25.3	25.8	23.5	24.0	24.0	24.4	24.9
12H	4H	24.5	25.1	24.9	25.5	25.9	23.6	24.3	24.1	24.6	25.0
	6H	24.4	24.9	24.9	25.4	25.8	23.6	24.1	24.0	24.5	24.9
	8H	24.4	24.8	24.9	25.3	25.8	23.6	24.0	24.0	24.4	24.9
Variations with the observer position at spacings:											
S = 1.0H	+ 2.3 / - 5.2					+ 2.5 / - 6.4					
1.5H	+ 1.6 / - 6.0					+ 1.8 / - 6.1					
2.0H	+ 5.0 / - 6.9					+ 5.5 / - 6.7					

CIE Pub.117 Corrected 22114 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.8)

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