

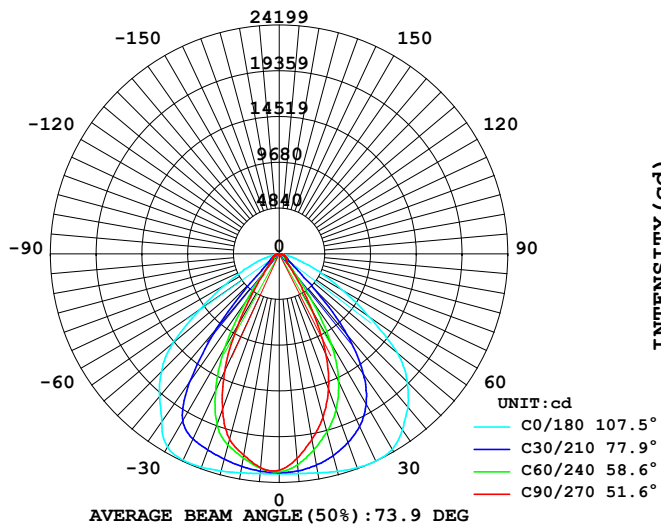
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

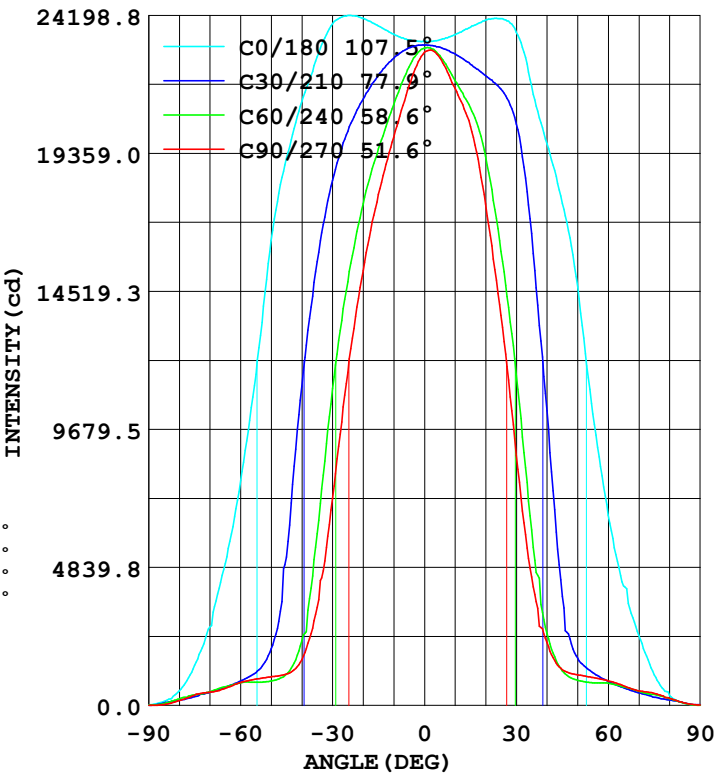
MANUFACTURER:		
Address:		
NAME: flood light	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	24199	S/MH (C0/180)	1.47
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.77
NOMINAL POWER(W)	218	TOTAL FLUX(lm)	30549	Voltage(V)	219.0
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	140.7	Current(A)	1.027
NOMINAL FLUX(lm)	30549.2	η up (%)	0.1	Power(W)	217.1
LAMPS QUANTITY	1	η down (%)	99.9	Power Factor (PF)	0.965
TEST VOLTAGE (V)	219.0	Effective Flux(lm)	27929.6	EEL	0.000 (E)

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



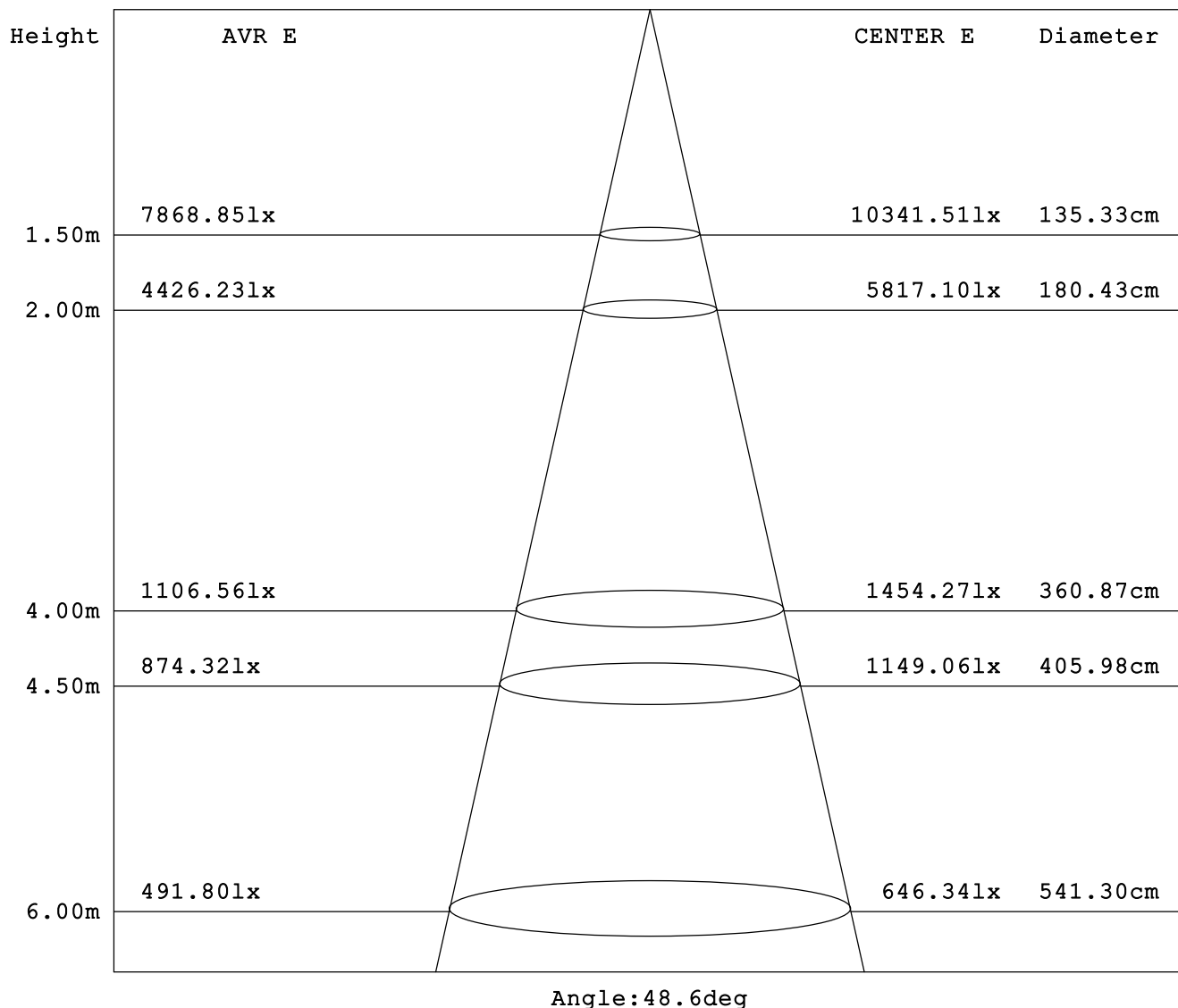
Test System: HopooColor HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2026年04月23日

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

AVERAGE AND CENTER E Figure

Report number:

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: flood light	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2333	2273	2172	2144	2334	2294	2271	2285	0- 5	543.6	543.6
10.0	2354	2188	1992	2003	2352	2237	2164	2242	5- 10	1588	2131
15.0	2382	2081	1792	1850	2378	2171	2030	2166	10- 15	2536	4667
20.0	2409	1943	1525	1649	2403	2067	1758	2037	15- 20	3342	8009
25.0	2419	1749	1167	1366	2408	1877	1367	1808	20- 25	3890	11898
30.0	2391	1476	727.2	990.6	2360	1598	875.7	1438	25- 30	4057	15955
35.0	2275	1079	344.3	542.8	2171	1135	451.1	917.3	30- 35	3672	19628
40.0	2117	672.5	160.3	213.4	1969	642.7	220.1	439.0	35- 40	2875	22503
45.0	1919	314.8	110.2	111.4	1759	251.2	125.4	155.5	40- 45	2113	24616
50.0	1631	141.7	100.3	91.54	1467	126.8	107.5	103.5	45- 50	1629	26244
55.0	1161	98.01	92.23	80.42	1021	97.34	97.74	87.40	50- 55	1321	27565
60.0	788.1	82.74	80.56	70.21	667.6	80.97	86.25	73.92	55- 60	1023	28587
65.0	498.3	64.67	59.87	57.79	419.0	63.63	68.93	61.40	60- 65	757.2	29345
70.0	275.9	47.45	46.78	47.25	245.1	47.04	51.42	47.90	65- 70	534.0	29879
75.0	140.5	33.96	35.47	34.58	107.4	33.61	42.52	39.41	70- 75	348.8	30228
80.0	51.17	20.78	17.00	19.54	34.11	21.61	25.24	26.52	75- 80	199.6	30427
85.0	14.13	7.616	3.174	4.406	6.892	7.839	8.410	10.46	80- 85	86.59	30514
90.0	2.617	1.287	0.752	1.267	1.406	1.712	2.060	1.510	85- 90	18.81	30533
95.0	2.088	1.190	0.780	1.176	1.629	1.775	1.824	1.441	90- 95	8.095	30541
100.0	1.796	1.190	0.863	1.190	2.130	1.949	1.782	1.517	95-100	8.047	30549
105.0	0	0	0	0	0	0	0	0	100-105	0.411	30549
110.0	0	0	0	0	0	0	0	0	105-110	0	30549
115.0	0	0	0	0	0	0	0	0	110-115	0	30549
120.0	0	0	0	0	0	0	0	0	115-120	0	30549
125.0	0	0	0	0	0	0	0	0	120-125	0	30549
130.0	0	0	0	0	0	0	0	0	125-130	0	30549
135.0	0	0	0	0	0	0	0	0	130-135	0	30549
140.0	0	0	0	0	0	0	0	0	135-140	0	30549
145.0	0	0	0	0	0	0	0	0	140-145	0	30549
150.0	0	0	0	0	0	0	0	0	145-150	0	30549
155.0	0	0	0	0	0	0	0	0	150-155	0	30549
160.0	0	0	0	0	0	0	0	0	155-160	0	30549
165.0	0	0	0	0	0	0	0	0	160-165	0	30549
170.0	0	0	0	0	0	0	0	0	165-170	0	30549
175.0	0	0	0	0	0	0	0	0	170-175	0	30549
180.0	0	0	0	0	0	0	0	0	175-180	0	30549
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

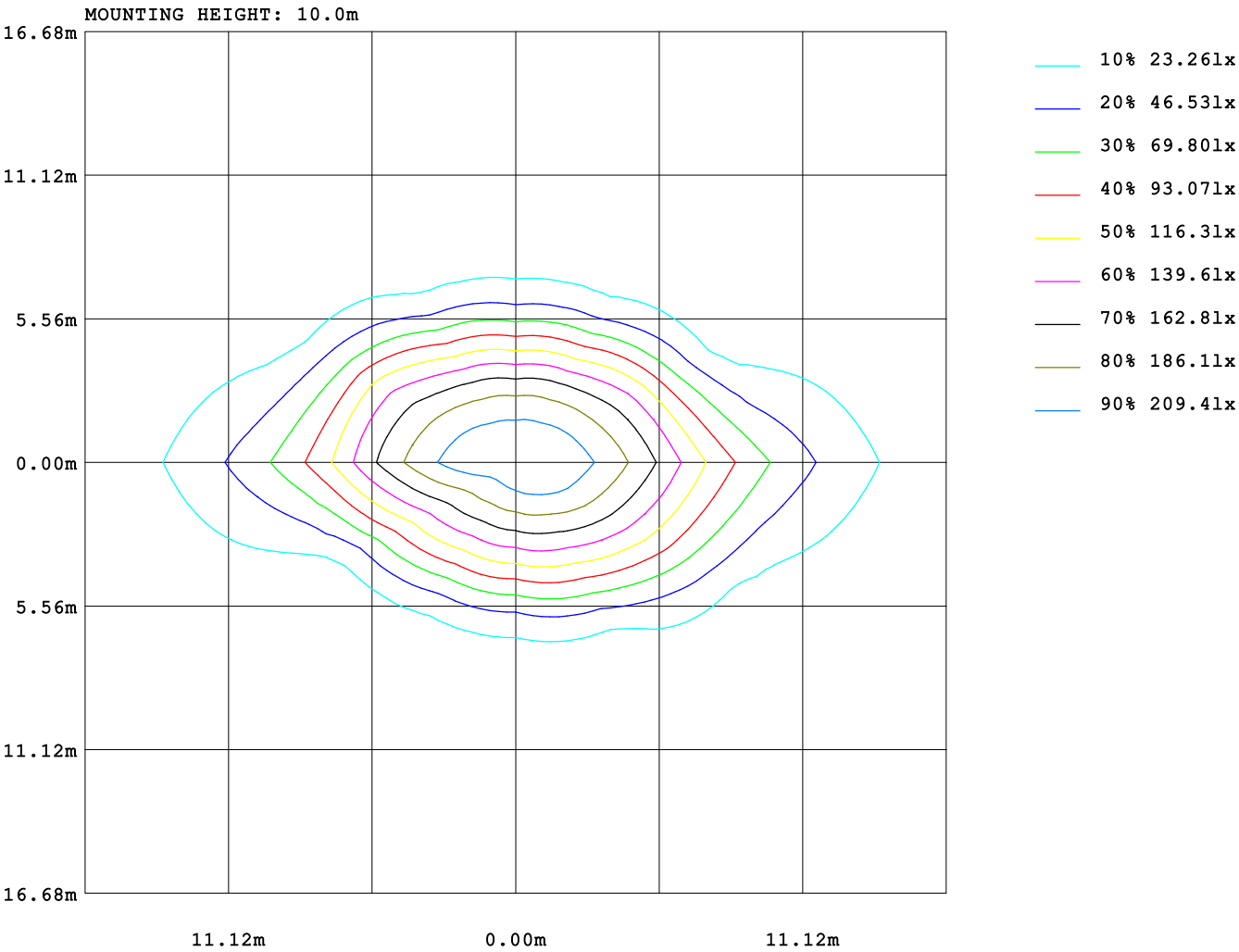
Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026年04月23日

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: flood light	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																				
Address:																				
NAME: flood light										TYPE:					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				
90	0.04	0.16	0.42	0.79	1.20	1.65	2.17	2.68	3.01	3.07	2.85	2.43	1.99	1.57	1.10	0.64	0.29	0.08	26.1	0.00			
80	0.05	0.43	1.52	2.94	4.89	7.26	9.42	11.0	12.0	12.1	11.4	10.0	8.14	5.95	3.96	2.23	0.79	0.12	104	0.00			
70	0.08	0.98	3.09	5.01	8.43	12.3	15.9	18.7	20.4	20.6	19.1	16.4	12.7	9.41	6.37	4.31	1.54	0.19	176	0.00			
60	0.13	1.77	5.95	8.46	12.8	18.3	21.6	25.1	28.4	29.0	26.7	23.1	17.8	12.0	9.17	7.71	2.59	0.27	251	0.00			
50	0.19	2.91	11.3	16.5	18.0	24.8	27.9	33.6	40.8	41.0	34.6	27.8	22.0	15.0	16.8	13.4	4.03	0.36	351	0.00			
40	0.26	4.48	19.3	35.6	33.5	51.5	101	122	151	147	113	74.4	33.1	28.0	38.3	22.1	5.96	0.45	982	686			
30	0.32	6.40	29.7	68.5	101	188	339	389	420	413	363	276	119	97.3	75.7	34.2	8.13	0.54	2930	2873			
	0.37	8.30	41.4	114	216	387	558	595	612	611	583	510	334	217	127	48.3	10.2	0.62	4973	4945			
	0.40	9.84	52.5	162	329	504	636	675	687	686	673	628	502	349	184	61.7	12.0	0.66	6151	6129			
	0.40	9.85	52.4	161	317	453	573	614	638	673	666	624	519	361	184	61.8	12.0	0.66	5921	5899			
	0.37	8.33	41.2	111	193	249	371	465	524	559	560	517	398	243	129	48.6	10.2	0.61	4428	4400			
-30	0.31	6.44	29.5	65.5	84.5	66.6	167	264	338	373	365	323	215	116	78.0	34.5	8.01	0.53	2535	2466			
-40	0.25	4.53	19.4	33.1	23.9	24.7	45.0	75.5	110	128	112	107	64.3	36.0	40.4	22.3	5.78	0.43	852	529			
-50	0.18	2.95	11.5	15.7	13.7	20.3	26.6	31.1	34.6	35.1	30.6	28.4	25.6	18.3	18.1	13.1	3.81	0.34	331	0.00			
-60	0.11	1.76	6.17	8.82	11.8	16.8	22.5	25.9	27.6	27.1	24.7	22.0	18.6	13.0	9.03	7.06	2.33	0.26	246	0.00			
-70	0.07	0.86	3.19	5.36	8.70	11.9	14.9	17.2	18.4	18.6	17.7	15.6	12.3	8.60	5.18	3.51	1.33	0.17	164	0.00			
-80	0.04	0.30	1.17	2.64	4.53	6.68	8.64	9.85	10.4	10.4	9.97	8.94	7.08	4.75	2.82	1.68	0.66	0.11	90.8	0.00			
-90	0.03	0.09	0.18	0.38	0.73	1.12	1.44	1.61	1.63	1.74	1.92	1.90	1.58	1.13	0.71	0.40	0.22	0.07	16.9	0.00			
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90		
Φ t	3.59	70.4	330	818	1382	2045	2942	3377	3678	3790	3614	3216	2312	1537	931	388	90.0	6.46	30549				
Φ a	0.00	0.00	205	700	1238	1843	2739	3160	3455	3571	3398	3023	2117	1393	816	268	4.14	0.00			27930		

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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:

UGR(Unified Glare Rating)Table

Report number:

MANUFACTURER:										
Address:										
NAME: flood light					TYPE:			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	30.2	31.4	30.4	31.5	31.7	18.6	19.8	18.9	20.0	20.2
3H	30.8	31.9	31.1	32.1	32.3	19.4	20.5	19.7	20.7	20.9
4H	31.0	32.0	31.2	32.2	32.4	19.8	20.8	20.1	21.1	21.3
6H	31.0	31.9	31.3	32.2	32.4	20.1	21.0	20.4	21.3	21.5
8H	30.9	31.9	31.3	32.1	32.4	20.1	21.0	20.4	21.3	21.6
12H	30.9	31.8	31.2	32.1	32.4	20.1	21.0	20.4	21.2	21.5
4H 2H	29.9	30.9	30.2	31.2	31.4	19.1	20.1	19.4	20.4	20.6
3H	30.6	31.5	30.9	31.7	32.0	20.1	20.9	20.4	21.2	21.5
4H	30.7	31.5	31.1	31.8	32.2	20.6	21.4	21.0	21.7	22.1
6H	30.8	31.5	31.2	31.8	32.2	21.0	21.7	21.4	22.0	22.4
8H	30.8	31.4	31.2	31.8	32.2	21.1	21.7	21.5	22.1	22.5
12H	30.7	31.3	31.2	31.7	32.1	21.1	21.7	21.5	22.0	22.4
8H 4H	30.6	31.3	31.0	31.6	32.0	20.9	21.5	21.3	21.9	22.2
6H	30.7	31.2	31.1	31.6	32.0	21.4	21.9	21.8	22.3	22.7
8H	30.7	31.1	31.1	31.6	32.0	21.5	22.0	22.0	22.4	22.8
12H	30.6	31.1	31.1	31.5	32.0	21.5	21.9	22.0	22.4	22.8
12H 4H	30.6	31.2	31.0	31.5	31.9	20.9	21.5	21.3	21.8	22.2
6H	30.6	31.1	31.1	31.5	32.0	21.4	21.9	21.9	22.3	22.7
8H	30.6	31.0	31.1	31.5	31.9	21.6	22.0	22.0	22.4	22.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 1.6					+ 0.6 / - 0.6				
1.5H	+ 3.1 / - 5.3					+ 1.1 / - 0.6				
2.0H	+ 4.8 / - 7.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 30549 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.9)

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