

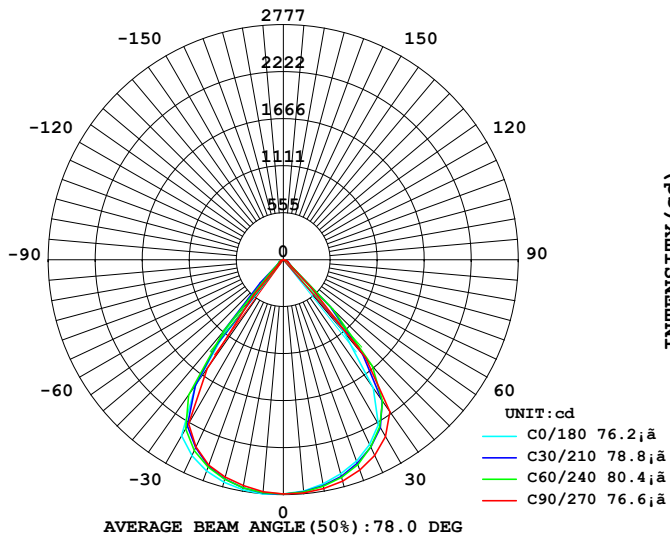
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

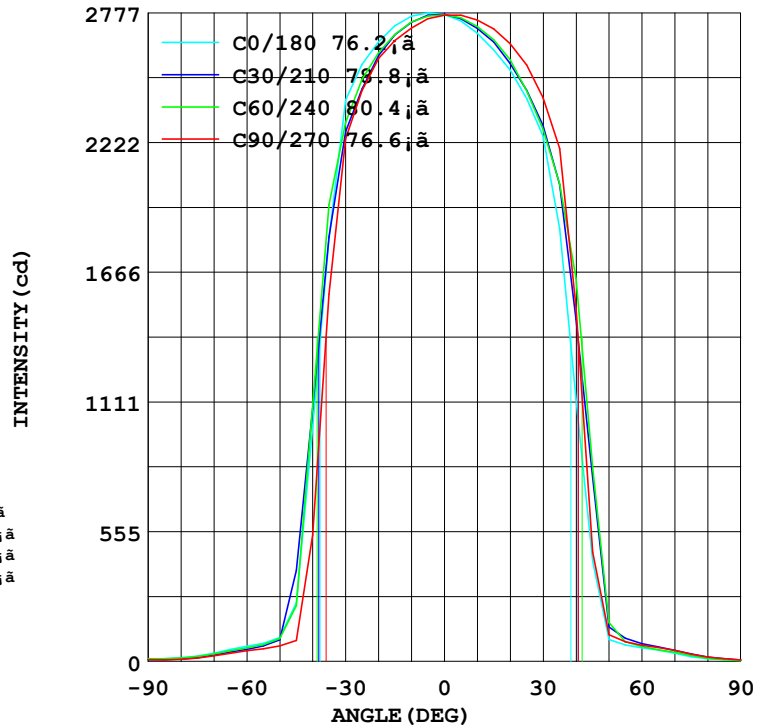
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2777	S/MH (C0/180)	1.09
MODEL	DAISY CRESENT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3896.1	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	140.1	Current (A)	0.127
NOMINAL FLUX (lm)	3896.1	η up (%)	0.0	Power (W)	27.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.985
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	3704.4	EEI	0.102

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 03-10-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.000 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

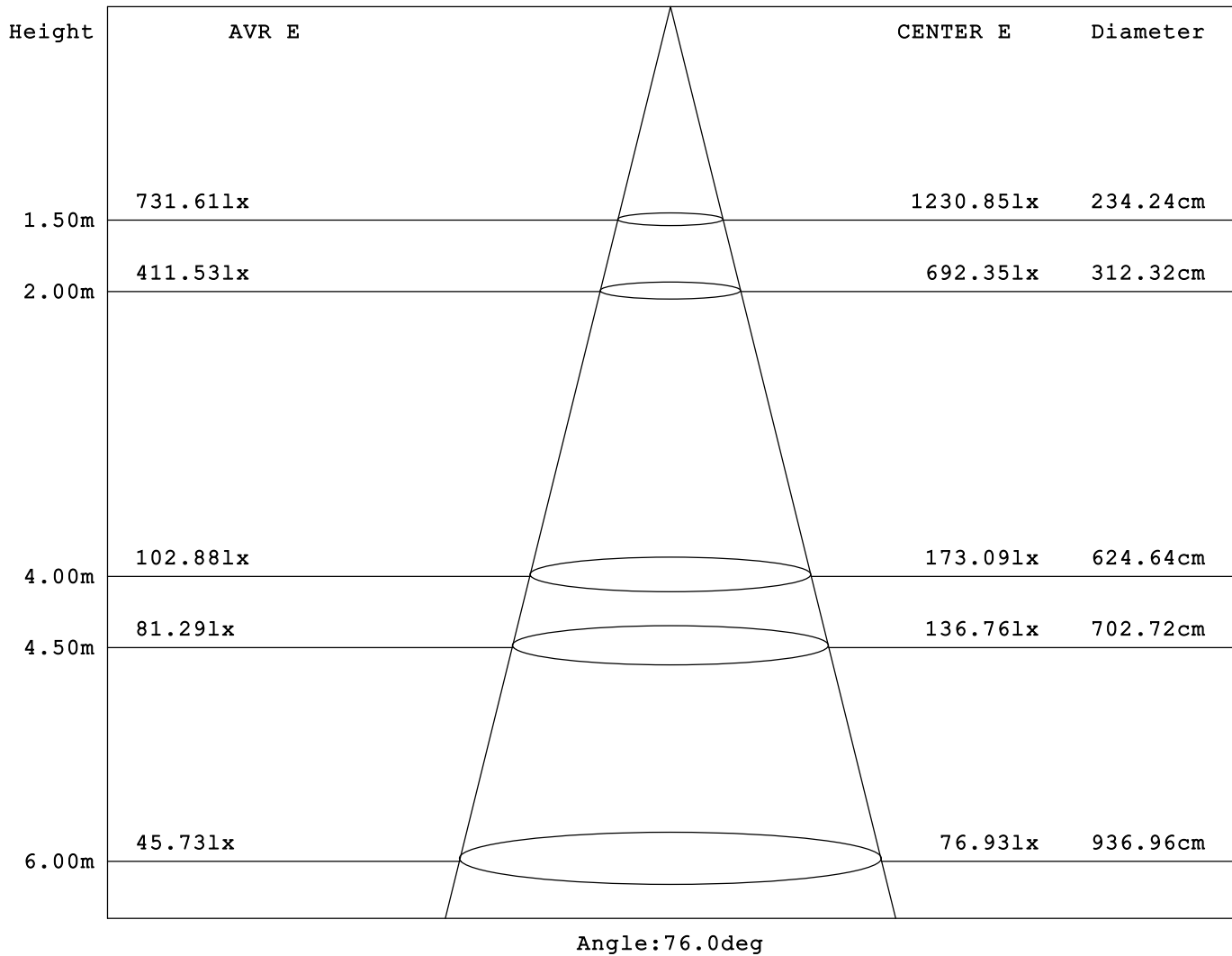
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Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

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NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2762	2737	2712	2691	2690	2715	2746	2760	0- 10	262.2	262.2
20.0	2654	2600	2582	2531	2532	2568	2645	2658	10- 20	754.2	1017
30.0	2403	2288	2238	2188	2249	2286	2414	2398	20- 30	1135	2152
40.0	1004	1090	542.3	1086	1122	1551	1514	1603	30- 40	1154	3306
50.0	102.0	95.19	65.91	95.80	93.50	156.8	114.0	129.1	40- 50	433.9	3740
60.0	64.63	55.13	46.14	56.32	58.81	70.20	69.50	66.59	50- 60	72.82	3812
70.0	35.20	29.72	23.42	31.26	34.36	43.20	46.59	40.22	60- 70	48.31	3861
80.0	15.23	11.96	8.768	12.19	12.16	16.32	19.13	14.65	70- 80	24.90	3886
90.0	10.24	9.696	7.104	7.648	5.440	5.280	6.784	4.640	80- 90	10.52	3896
100.0									90-100		
110.0									100-110		
120.0									110-120		
130.0									120-130		
140.0									130-140		
150.0									140-150		
160.0									150-160		
170.0									160-170		
180.0									170-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5700K

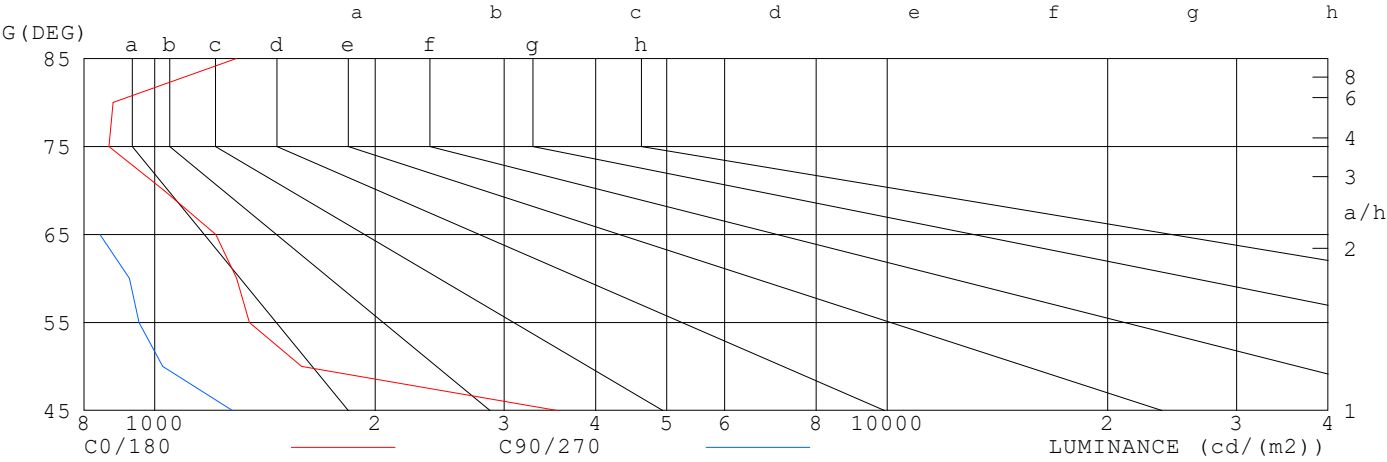
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1292	661
80	877	505
75	865	544
70	1029	685
65	1211	842
60	1293	923
55	1347	952
50	1587	1026
45	3548	1276

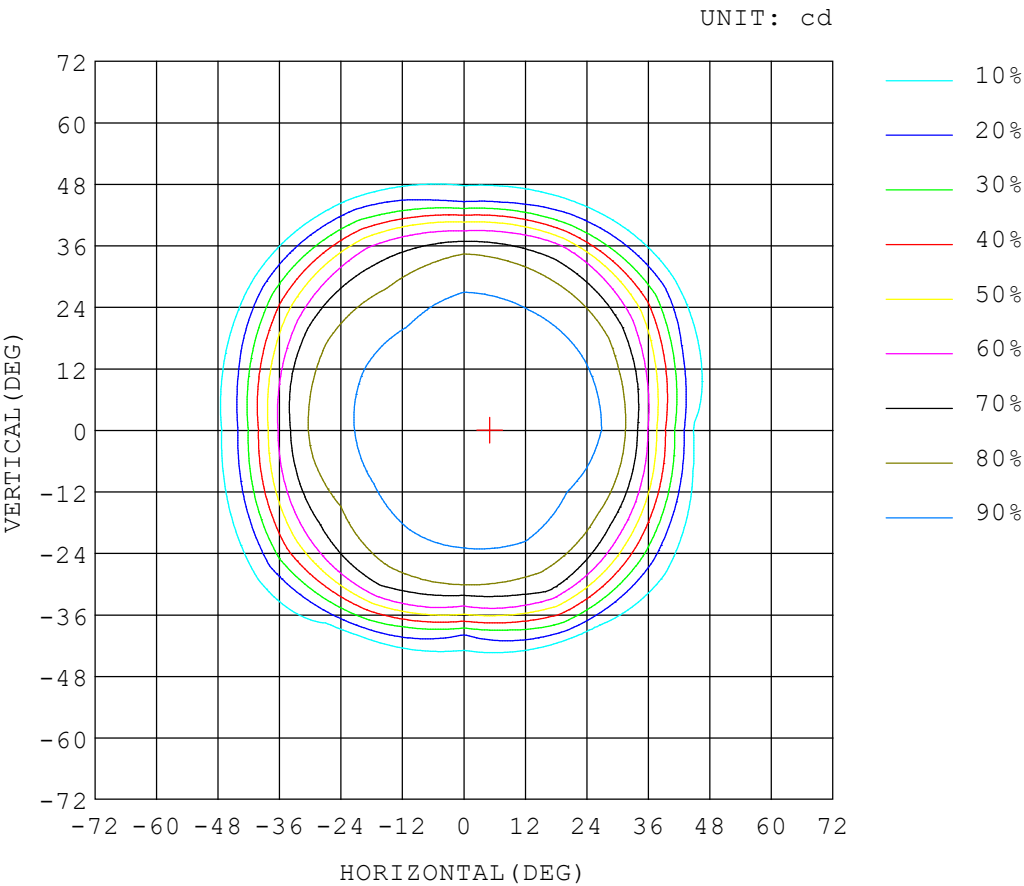
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:



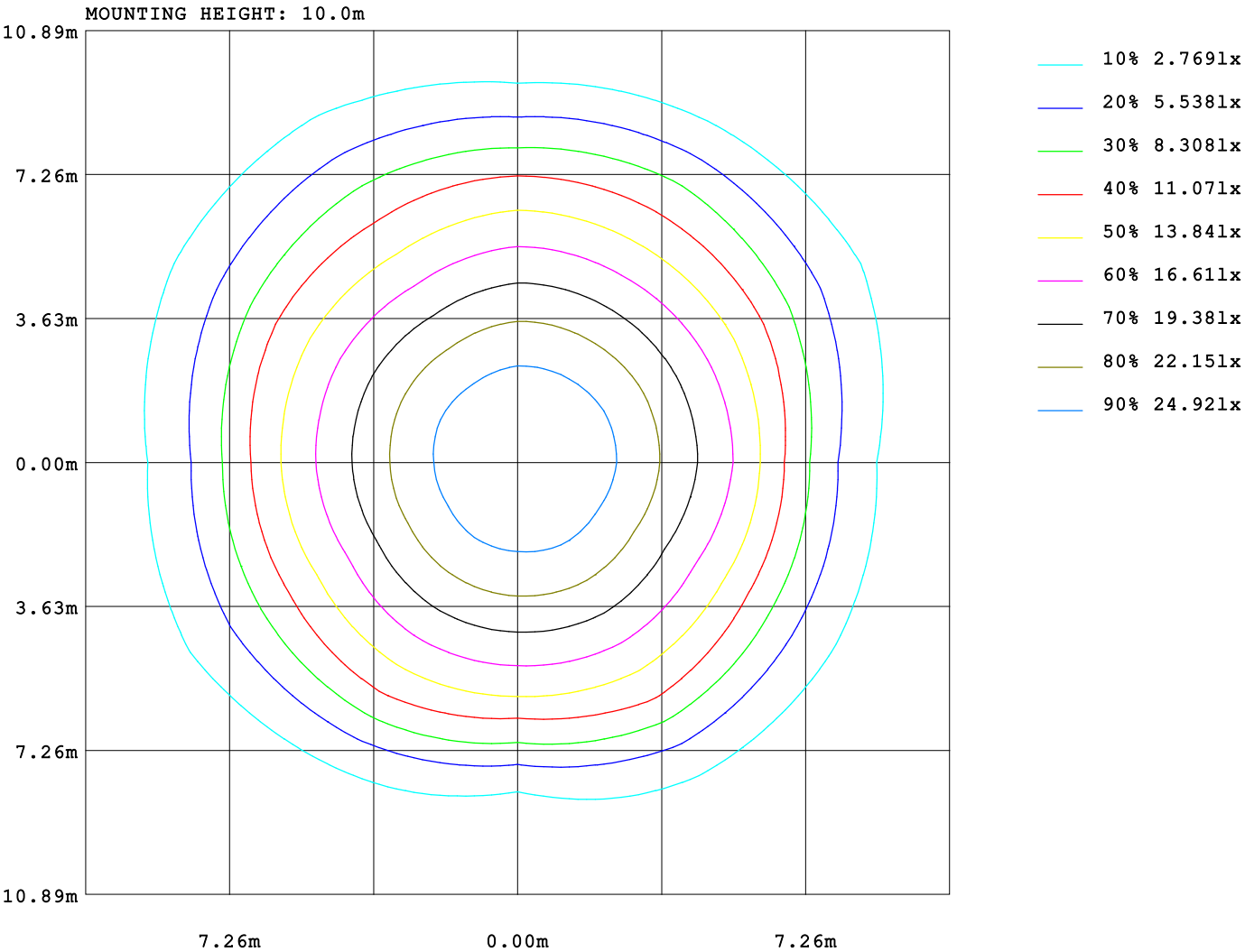
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5700K

Report number:

Report number:

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DAISY CRESENT LENS								TYPE: .5W 5700K CRI90				WEIGHT:		
SPECIFICATION: FULHAM 600 MA								DIMENSION: L-1200 D-80 H-66 MM				SERIAL No.:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.201	.114	.036	.194	.111	.035	.181	.104	.033	.169	.098	.031	.159	.092	.030	
2.0	.193	.106	.032	.187	.103	.032	.176	.098	.030	.167	.093	.029	.157	.089	.028	
3.0	.184	.098	.029	.179	.096	.029	.170	.092	.028	.161	.088	.027	.153	.085	.026	
4.0	.176	.091	.027	.171	.090	.026	.163	.087	.026	.156	.084	.025	.149	.081	.025	
5.0	.167	.085	.025	.163	.084	.024	.156	.081	.024	.150	.079	.023	.144	.077	.023	
6.0	.159	.080	.023	.156	.079	.023	.150	.077	.022	.144	.075	.022	.138	.073	.022	
7.0	.152	.075	.021	.149	.074	.021	.144	.073	.021	.138	.071	.021	.133	.069	.020	
8.0	.145	.071	.020	.143	.070	.020	.138	.069	.020	.133	.067	.019	.128	.066	.019	
9.0	.139	.067	.019	.136	.067	.019	.132	.065	.018	.128	.064	.018	.124	.063	.018	
10.0	.133	.064	.018	.131	.063	.018	.127	.062	.017	.123	.061	.017	.119	.060	.017	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.148	.114	.086	.127	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.139	.099	.069	.119	.086	.060	.082	.060	.042	.047	.035	.025	.015	.011	.008	
5.0	.131	.088	.057	.112	.076	.049	.077	.053	.035	.045	.031	.021	.014	.010	.007	
6.0	.124	.079	.047	.106	.068	.041	.073	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.118	.072	.040	.101	.062	.034	.070	.044	.024	.041	.026	.015	.013	.008	.005	
8.0	.112	.066	.034	.097	.057	.030	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.107	.061	.029	.092	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.103	.057	.026	.089	.049	.022	.061	.035	.016	.036	.020	.010	.012	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DAISY CRESENT LENS					TYPE: .5W 5700K CRI90			WEIGHT:			
SPECIFICATION: FULHAM 600 MA					DIMENSION: L-1200 D-80 H-66 MM			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	15.0	16.1	15.2	16.2	16.4	14.8	15.9	15.1	16.1	16.3	
	3H	14.9	15.9	15.2	16.1	16.3	14.7	15.7	15.0	15.9	
	4H	14.9	15.8	15.1	16.0	16.3	14.7	15.6	15.0	15.8	
	6H	14.8	15.7	15.1	15.9	16.2	14.6	15.5	14.9	15.7	
	8H	14.8	15.6	15.1	15.9	16.2	14.6	15.4	14.9	15.7	
	12H	14.8	15.6	15.1	15.9	16.1	14.5	15.3	14.9	15.6	
4H	2H	14.8	15.7	15.0	15.9	16.2	14.6	15.6	14.9	15.8	
	3H	14.7	15.5	15.0	15.8	16.1	14.6	15.4	14.9	15.6	
	4H	14.7	15.4	15.0	15.7	16.0	14.5	15.2	14.9	15.6	
	6H	14.7	15.3	15.0	15.6	16.0	14.5	15.1	14.9	15.5	
	8H	14.7	15.2	15.0	15.6	16.0	14.4	15.0	14.8	15.4	
	12H	14.7	15.2	15.1	15.6	16.0	14.4	15.0	14.8	15.3	
8H	4H	14.6	15.2	15.0	15.5	15.9	14.4	15.0	14.8	15.4	
	6H	14.6	15.1	15.0	15.4	15.9	14.4	14.9	14.8	15.3	
	8H	14.6	15.0	15.0	15.4	15.9	14.4	14.8	14.8	15.2	
	12H	14.6	15.0	15.1	15.4	15.9	14.4	14.8	14.9	15.2	
12H	4H	14.5	15.1	14.9	15.4	15.8	14.4	14.9	14.8	15.3	
	6H	14.5	15.0	15.0	15.4	15.8	14.4	14.8	14.8	15.2	
	8H	14.5	14.9	15.0	15.3	15.8	14.4	14.7	14.8	15.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 3.0 / - 6.5					+ 3.3 / - 5.5					
1.5H	+ 5.6 / - 6.6					+ 5.9 / - 5.8					
2.0H	+ 4.0 / - 0.9					+ 0.6 / - 0.8					

CIE Pub.117 Corrected 3896 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	70	82	75	70	81	74	70	66
0.80	90	83	79	90	83	79	88	83	79	74
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	100	96	93	88
2.00	107	102	99	105	101	98	103	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	103	105	103	100	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	111	109	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

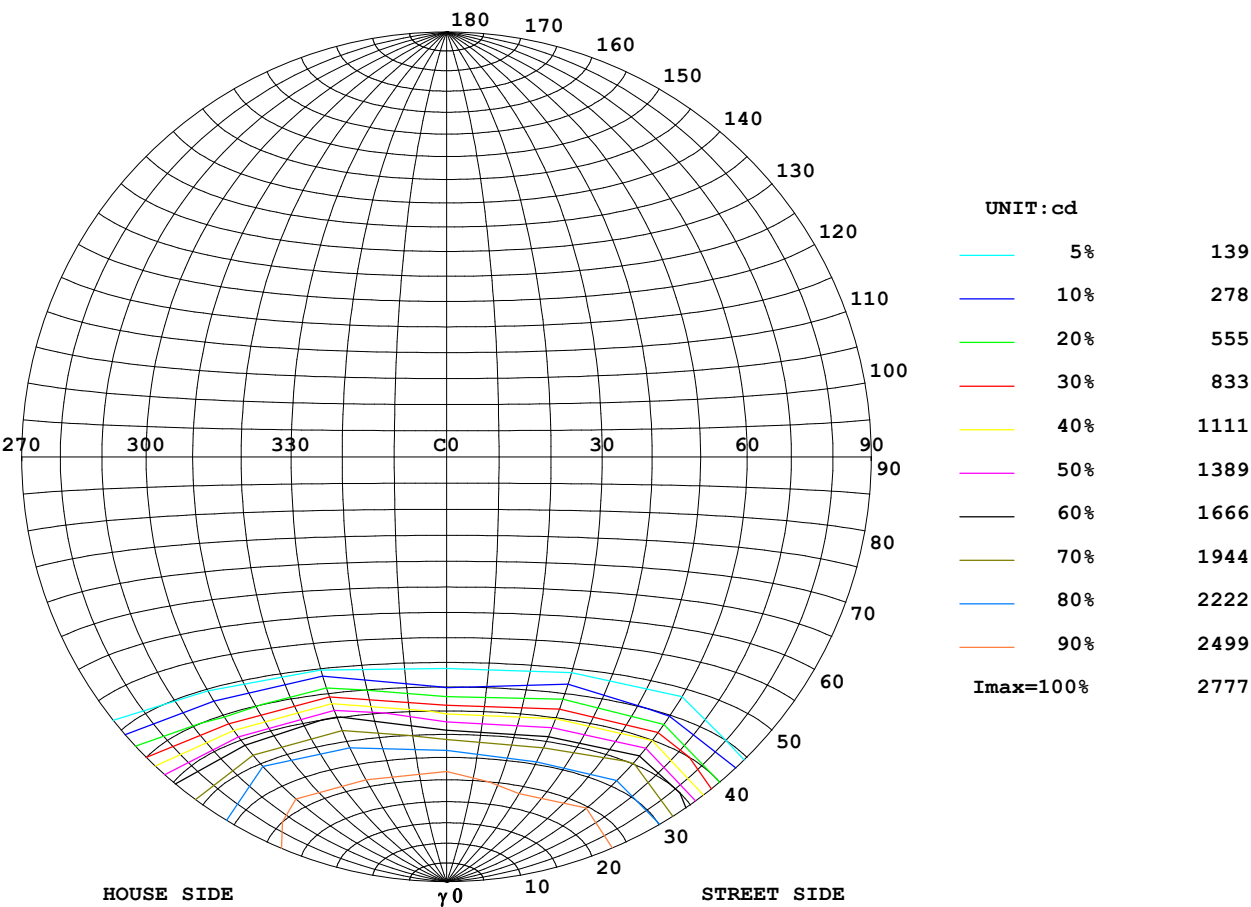
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ISOCANDELA DIAGRAM

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

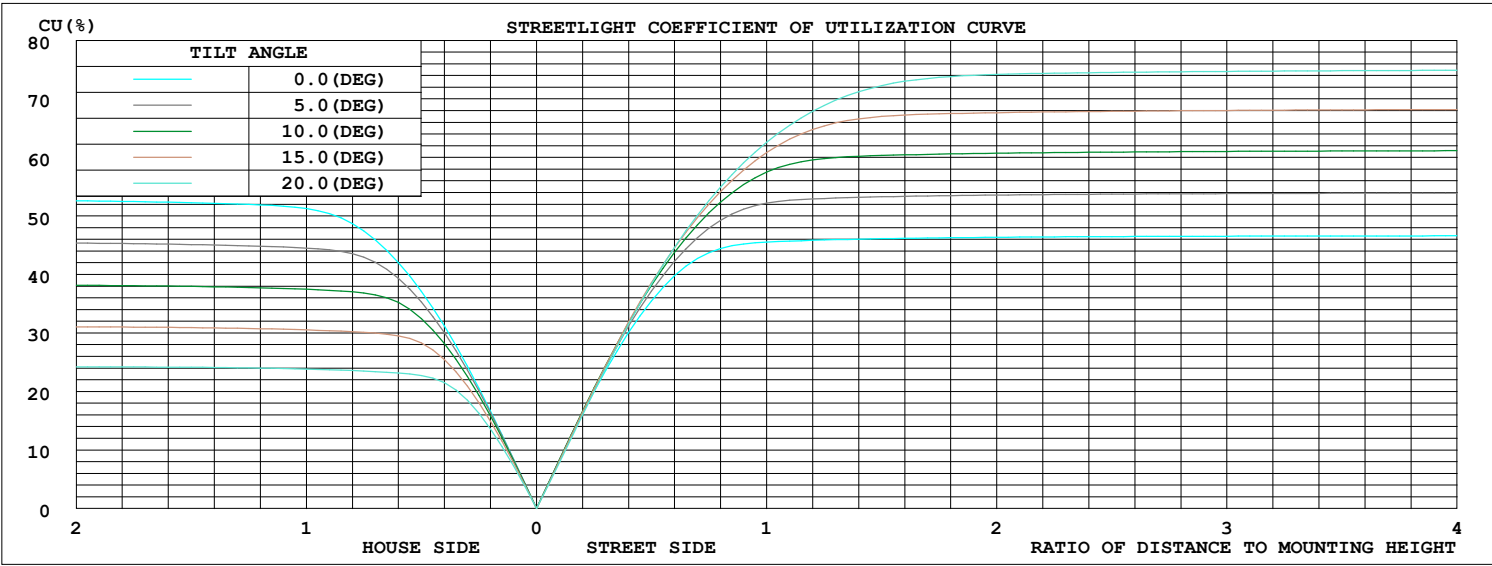
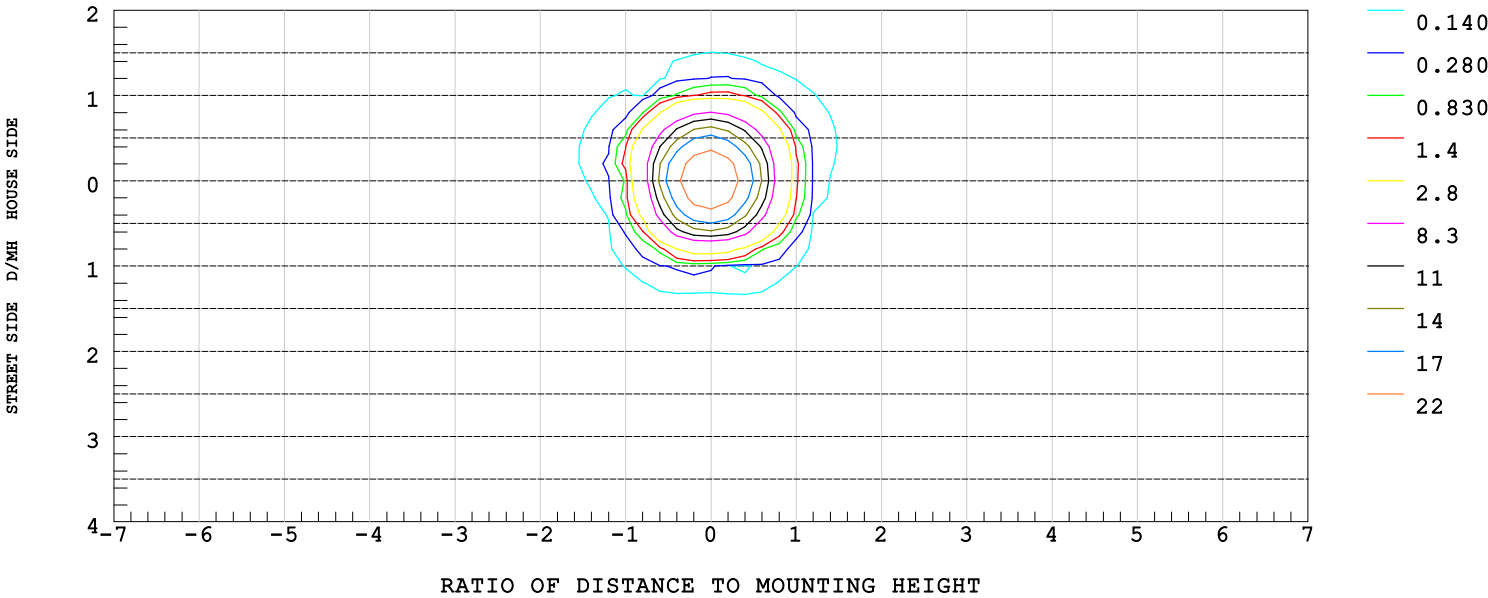
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ISOLUX DIAGRAM

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 27.69 lx



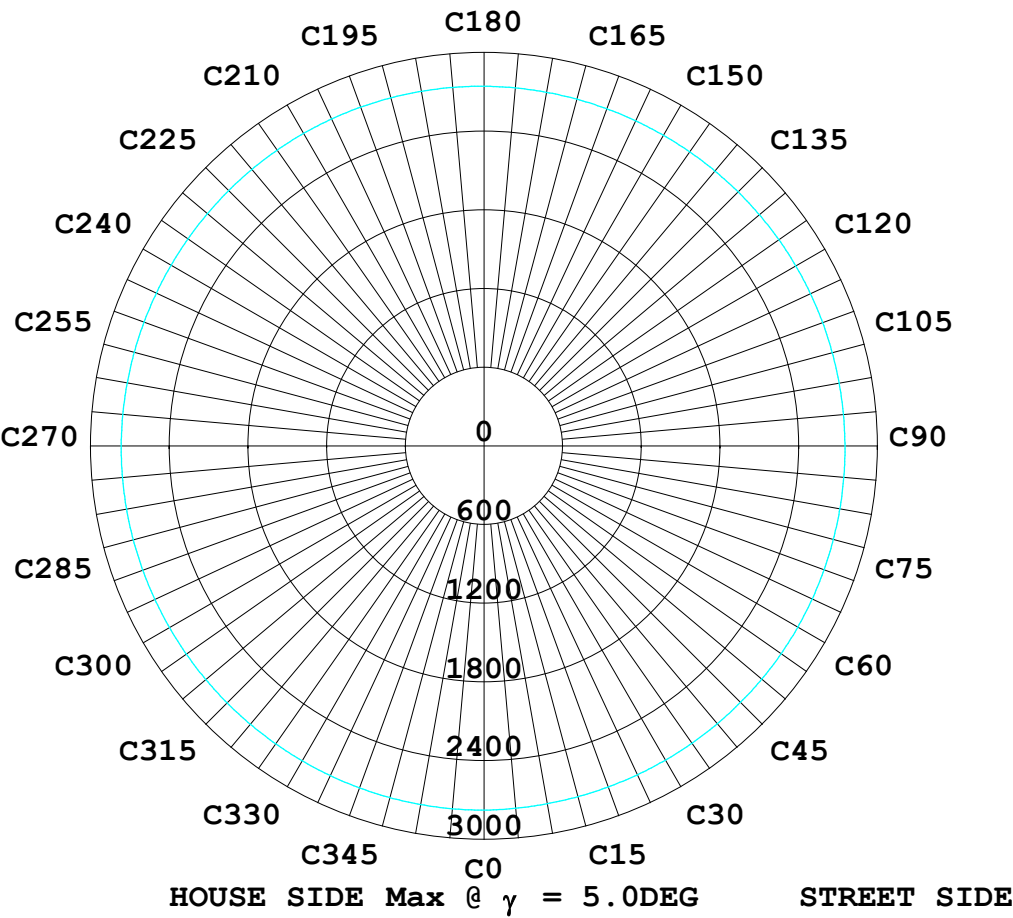
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT LENS	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2769	2771	2768	2766	2767	2766	2769	2771	2768	2766	2767	2766
5.0	2777	2766	2763	2752	2746	2736	2742	2752	2756	2767	2770	2773
10.0	2762	2737	2737	2712	2701	2680	2690	2710	2719	2746	2755	2764
15.0	2721	2683	2684	2658	2639	2598	2617	2652	2662	2707	2716	2732
20.0	2654	2594	2607	2582	2550	2512	2532	2560	2576	2645	2651	2666
25.0	2556	2451	2491	2443	2424	2334	2410	2445	2442	2553	2547	2561
30.0	2403	2268	2308	2238	2228	2148	2249	2294	2278	2414	2386	2409
35.0	1811	1817	1955	1573	1872	1820	1852	2040	2043	2195	2156	2107
40.0	1004	1083	1096	542	970	1202	1122	1463	1640	1514	1690	1515
45.0	251	389	239	90.2	144	561	430	787	831	468	686	782
50.0	102	92.2	98.1	65.9	91.5	100	93.5	147	166	114	106	152
55.0	77.2	66.5	72.5	54.5	71.2	70.5	71.2	99.5	84.6	84.8	73.8	97.7
60.0	64.6	52.0	58.2	46.1	58.4	54.2	58.8	76.6	63.8	69.5	59.2	73.9
65.0	51.2	40.7	45.6	35.5	46.7	42.2	48.3	61.8	50.6	59.3	48.8	58.1
70.0	35.2	27.2	32.1	23.4	33.5	28.9	34.3	47.8	38.5	46.5	37.1	43.2
75.0	22.4	15.5	20.9	14.0	21.5	16.8	20.2	31.6	24.8	30.9	22.8	27.5
80.0	15.2	9.60	14.3	8.76	14.3	10.0	12.1	19.0	13.5	19.1	12.3	16.9
85.0	11.2	6.91	11.0	5.76	9.85	6.72	7.23	11.8	7.16	11.9	6.46	10.5
90.0	10.2	7.93	11.4	7.10	8.38	6.91	5.44	6.78	3.77	6.78	3.20	6.08

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 5700K