

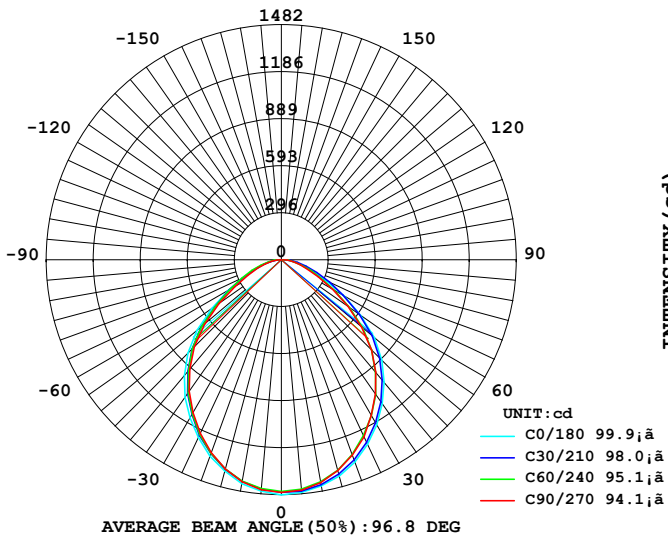
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

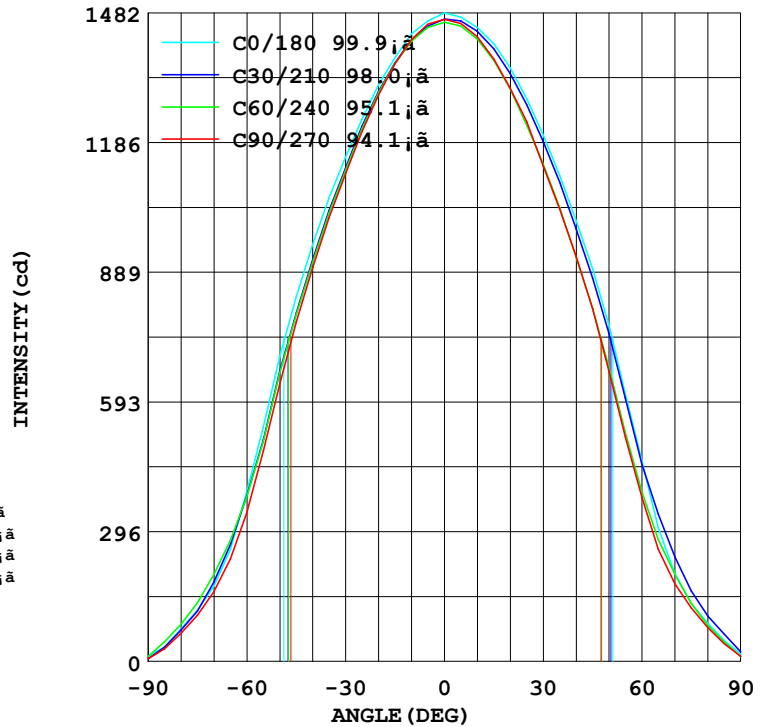
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1482	S/MH (C0/180)	1.17
MODEL	DAISY CRESENT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.15
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3330.3	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	120.7	Current (A)	0.127
NOMINAL FLUX (lm)	3330.3	η up (%)	0.0	Power (W)	27.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.992
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	3206.8	EEI	0.117

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 03-12-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 9.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

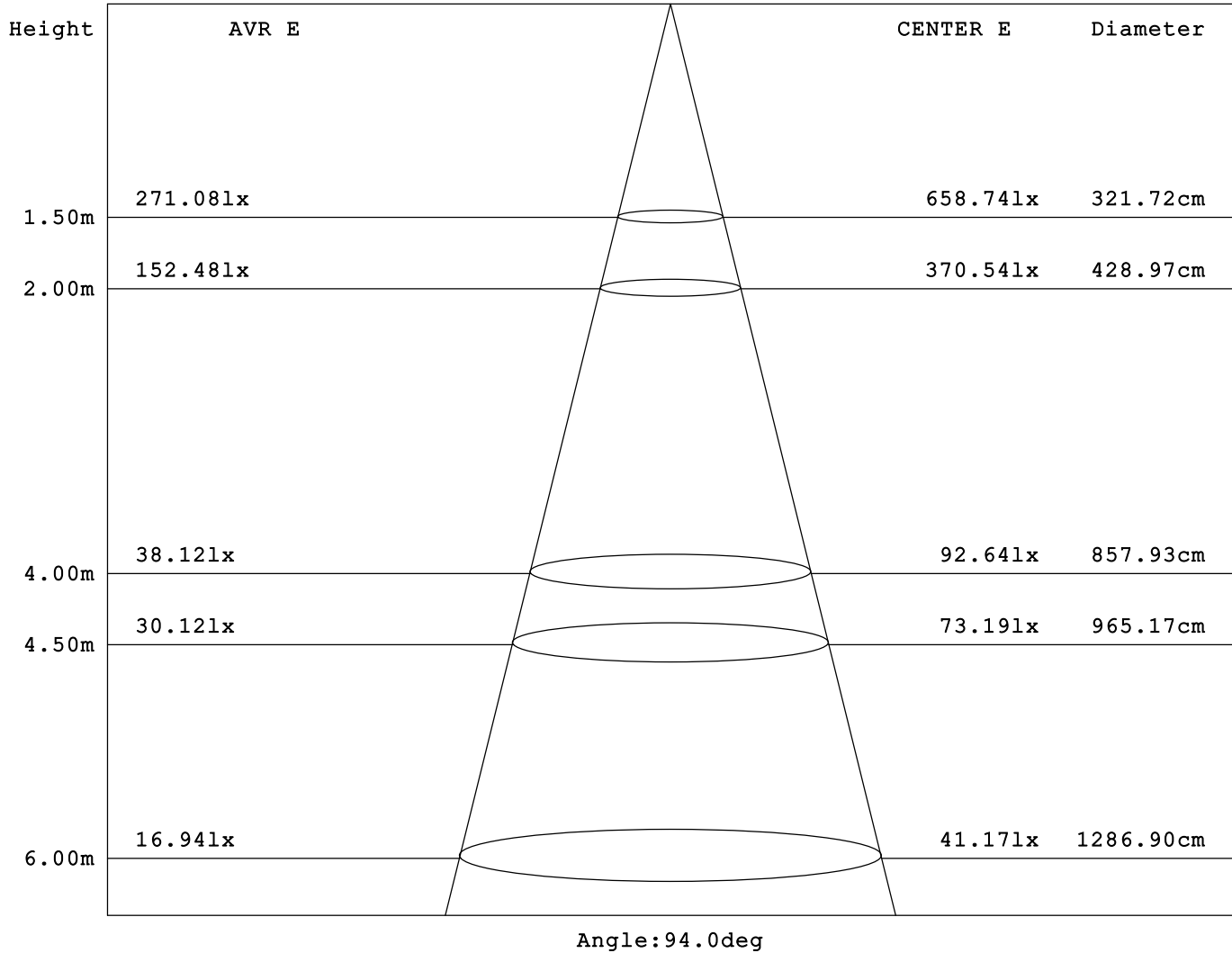
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Operators:
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AVERAGE AND CENTER E Figure

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NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K 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:03-12-2025

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 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
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NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K 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	1434	1419	1421	1425	1449	1431	1428	1418	0- 10	138.0	138.0
20.0	1318	1301	1295	1312	1357	1326	1310	1304	10- 20	388.1	526.1
30.0	1153	1125	1114	1145	1204	1163	1133	1134	20- 30	568.7	1095
40.0	953.4	914.9	899.6	939.3	1008	956.7	926.1	922.9	30- 40	653.9	1749
50.0	696.4	660.8	633.8	692.9	767.8	710.6	662.8	668.7	40- 50	629.6	2378
60.0	387.3	377.1	339.6	400.6	458.0	418.9	374.7	393.3	50- 60	479.0	2857
70.0	171.6	189.7	158.9	205.9	200.2	218.9	177.4	195.0	60- 70	283.4	3141
80.0	73.28	77.88	63.62	86.82	87.00	92.86	76.80	80.09	70- 80	140.7	3282
90.0	11.73	8.709	6.046	10.92	16.33	16.10	11.64	9.025	80- 90	48.67	3330
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:03-12-2025

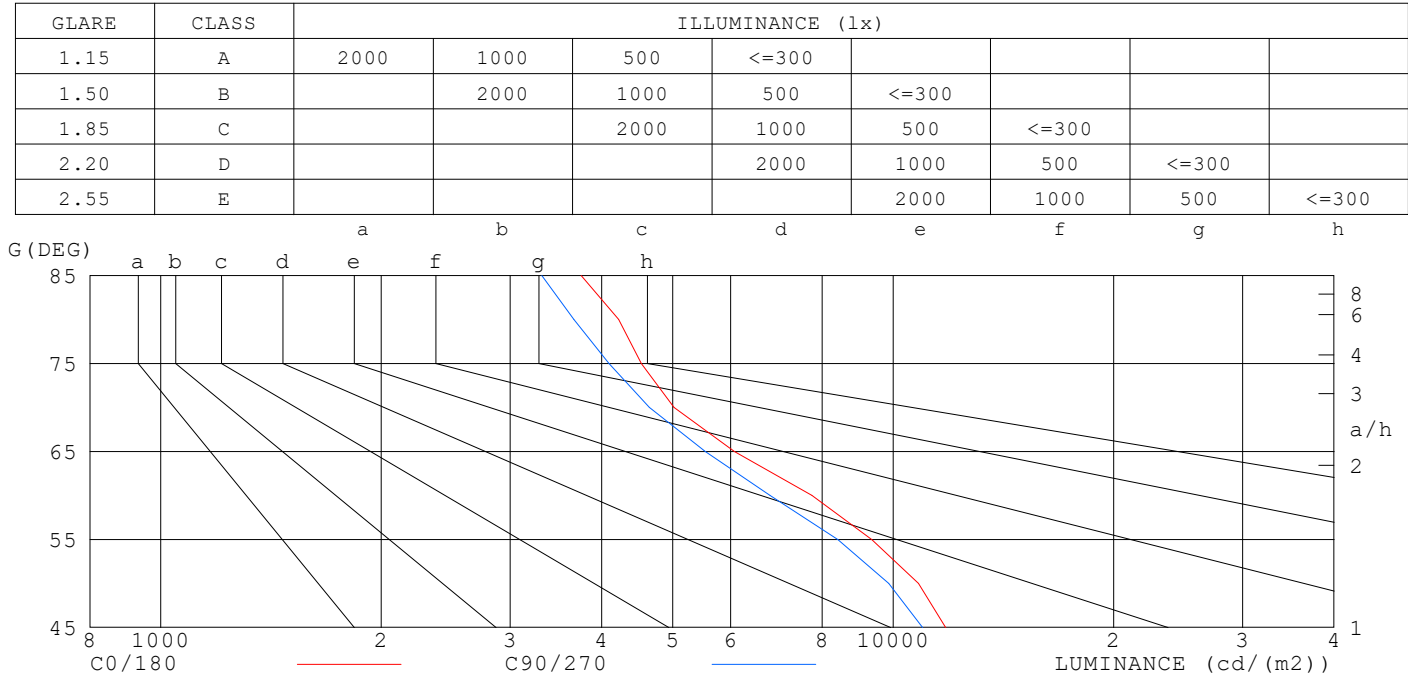
Test Set: 5.0deg/s C-Gamma (TYPE C)
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LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
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NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	3749	3314
80	4220	3664
75	4533	4094
70	5019	4647
65	6071	5539
60	7747	6792
55	9351	8401
50	10835	9861
45	11795	10978

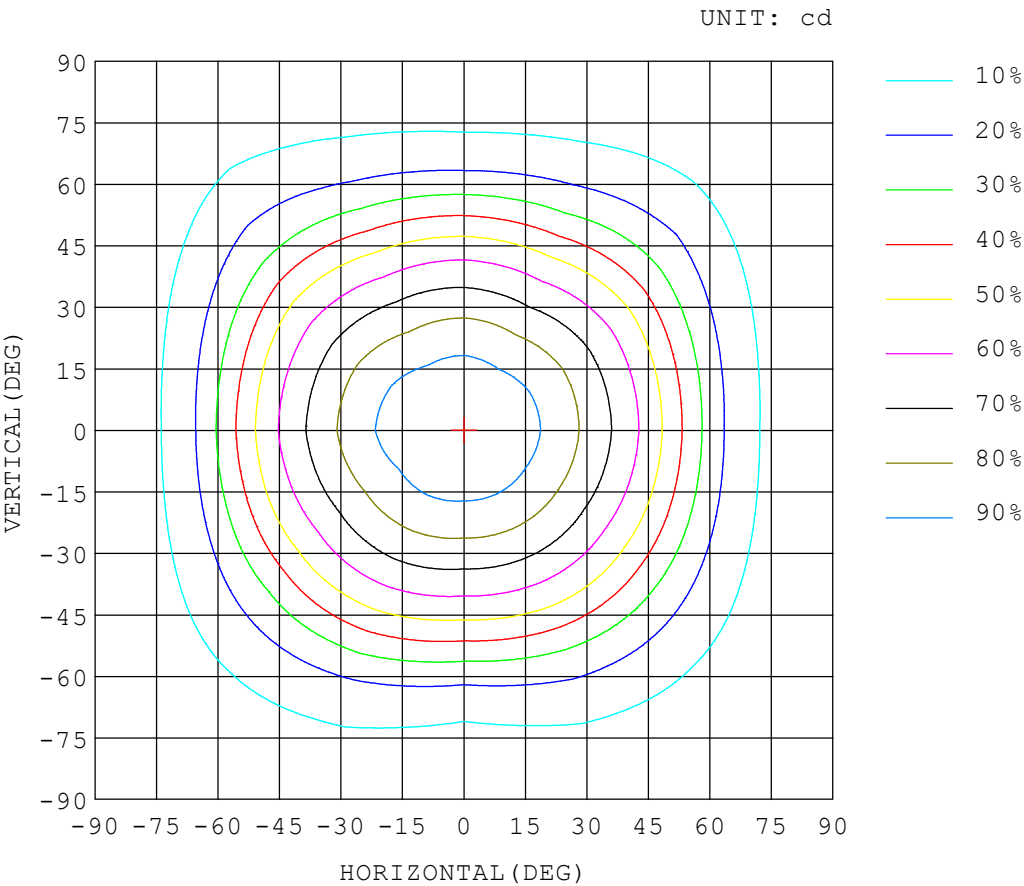
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ISOCANDELA DIAGRAM

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:



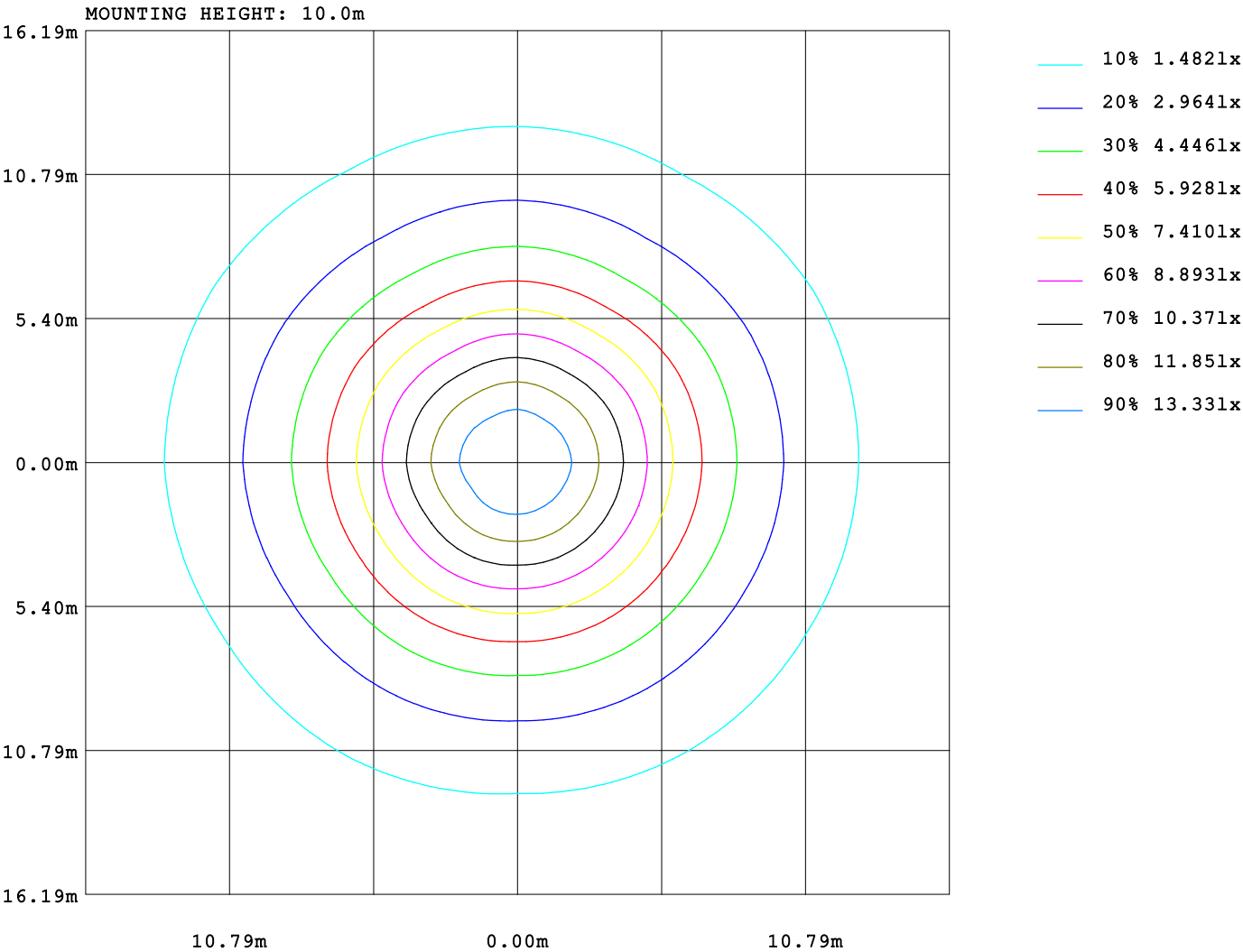
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Temperature:25.3DEG
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Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K 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:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

Report number:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019

NAME: DAISY CRESENT PRISMATIC

TYPE: .5W 4K CRI90

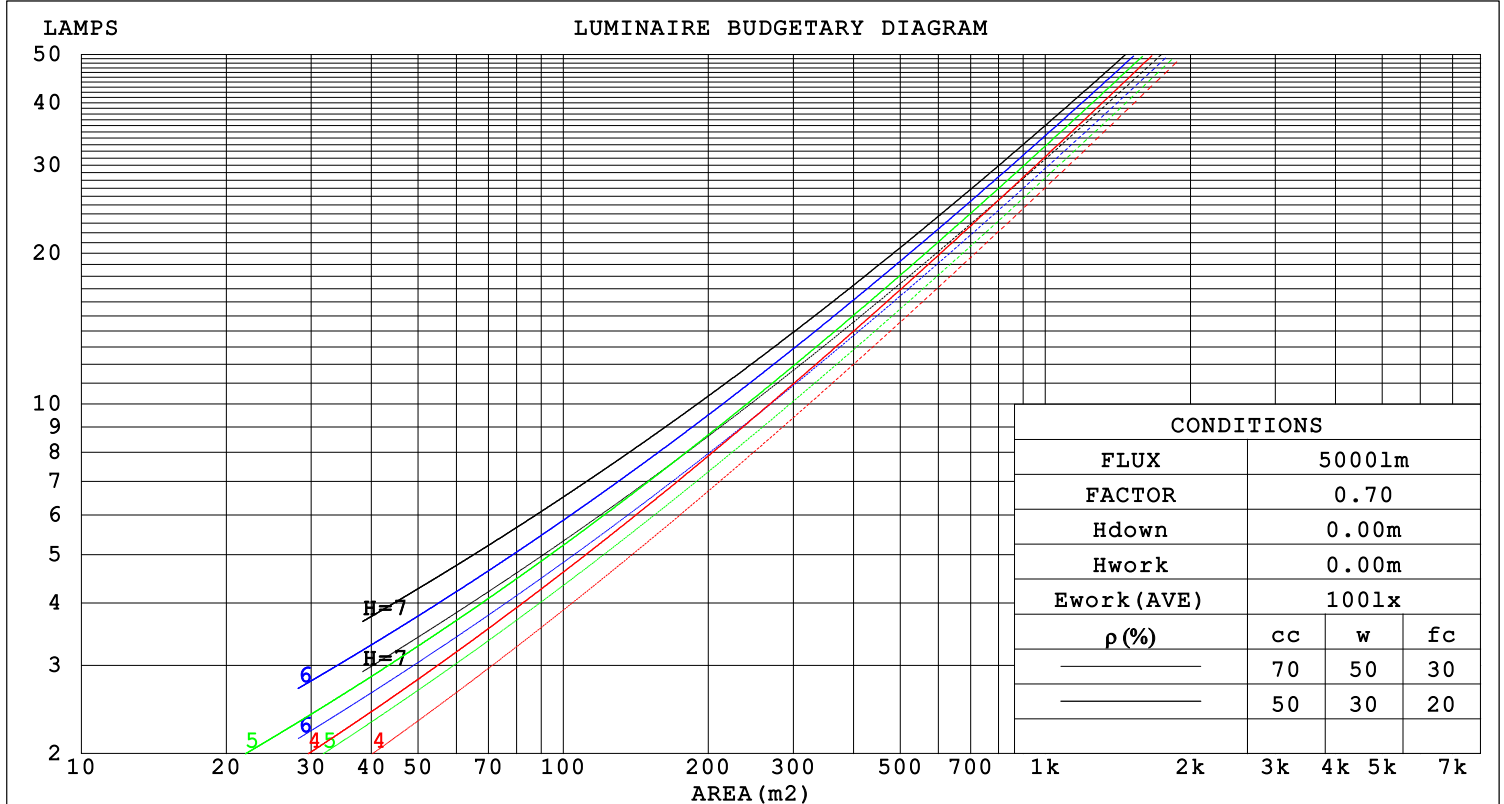
WEIGHT:

SPECIFICATION: FULHAM-600 MA

DIMENSION: L-1200 D-80 H-66 MM

SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DAISY CRESENT PRISMATIC								TYPE: .5W 4K 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	.278	.158	.050	.271	.154	.049	.257	.148	.047	.245	.142	.045	.234	.136	.044	
2.0	.264	.145	.044	.258	.142	.044	.246	.137	.043	.236	.132	.041	.226	.128	.040	
3.0	.247	.131	.039	.241	.129	.039	.231	.125	.038	.222	.122	.037	.213	.118	.037	
4.0	.230	.120	.035	.225	.118	.035	.217	.115	.034	.208	.112	.034	.201	.109	.033	
5.0	.215	.109	.032	.210	.108	.031	.203	.105	.031	.195	.103	.031	.188	.101	.030	
6.0	.201	.101	.029	.197	.099	.029	.190	.097	.028	.183	.095	.028	.177	.093	.028	
7.0	.188	.093	.026	.185	.092	.026	.178	.090	.026	.172	.088	.026	.167	.087	.025	
8.0	.176	.086	.024	.173	.085	.024	.168	.084	.024	.163	.082	.024	.158	.081	.024	
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.154	.077	.022	.149	.076	.022	
10.0	.157	.075	.021	.154	.075	.021	.150	.073	.021	.146	.072	.021	.141	.071	.020	

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	.178	.156	.137	.152	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.169	.132	.101	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.078	.137	.098	.067	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.050	.124	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.081	.041	.118	.071	.036	.082	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.113	.065	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.075	.042	.018	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.059	.023	.098	.052	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: DAISY CRESENT PRISMATIC					TYPE: .5W 4K 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	19.9	21.4	20.2	21.6	21.8	19.7	21.1	19.9	21.3	21.5
3H	20.6	21.9	20.9	22.1	22.3	20.3	21.6	20.6	21.9	22.1
4H	20.8	22.1	21.1	22.3	22.6	20.6	21.8	20.9	22.1	22.3
6H	21.0	22.2	21.3	22.4	22.7	20.8	21.9	21.1	22.2	22.5
8H	21.0	22.2	21.4	22.4	22.7	20.8	21.9	21.1	22.2	22.5
12H	21.1	22.1	21.4	22.4	22.7	20.8	21.9	21.2	22.2	22.5
4H 2H	20.2	21.5	20.6	21.7	22.0	20.0	21.3	20.3	21.5	21.8
3H	21.0	22.1	21.4	22.4	22.7	20.9	22.0	21.3	22.3	22.6
4H	21.4	22.4	21.8	22.7	23.0	21.3	22.3	21.7	22.6	22.9
6H	21.7	22.6	22.1	22.9	23.3	21.6	22.5	22.0	22.8	23.2
8H	21.8	22.6	22.2	22.9	23.3	21.7	22.5	22.1	22.9	23.2
12H	21.8	22.6	22.2	22.9	23.3	21.7	22.5	22.2	22.9	23.3
8H 4H	21.5	22.3	21.9	22.7	23.1	21.4	22.3	21.9	22.6	23.0
6H	21.9	22.6	22.4	23.0	23.4	21.9	22.6	22.3	23.0	23.4
8H	22.1	22.6	22.5	23.1	23.5	22.1	22.7	22.5	23.1	23.5
12H	22.2	22.7	22.6	23.1	23.6	22.2	22.7	22.7	23.2	23.6
12H 4H	21.5	22.3	22.0	22.7	23.1	21.4	22.2	21.9	22.6	23.0
6H	22.0	22.6	22.4	23.0	23.4	21.9	22.5	22.4	22.9	23.4
8H	22.1	22.6	22.6	23.1	23.6	22.1	22.7	22.6	23.1	23.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				
2.0H	+ 0.8 / - 0.9					+ 0.8 / - 1.1				

CIE Pub.117 Corrected 3330 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.2)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
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UTILIZATION FACTORS TABLE

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K 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	62	51	44	61	51	44	60	50	44	38
0.80	72	61	55	71	61	54	69	60	54	48
1.00	80	70	64	79	70	63	77	71	63	56
1.25	87	78	71	86	77	71	83	76	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	85	96	89	84	93	87	82	75
2.50	101	94	89	99	93	88	96	91	86	79
3.00	104	98	93	102	97	92	98	94	90	82
4.00	108	103	99	106	101	97	101	98	95	86
5.00	110	106	102	108	104	100	103	100	97	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

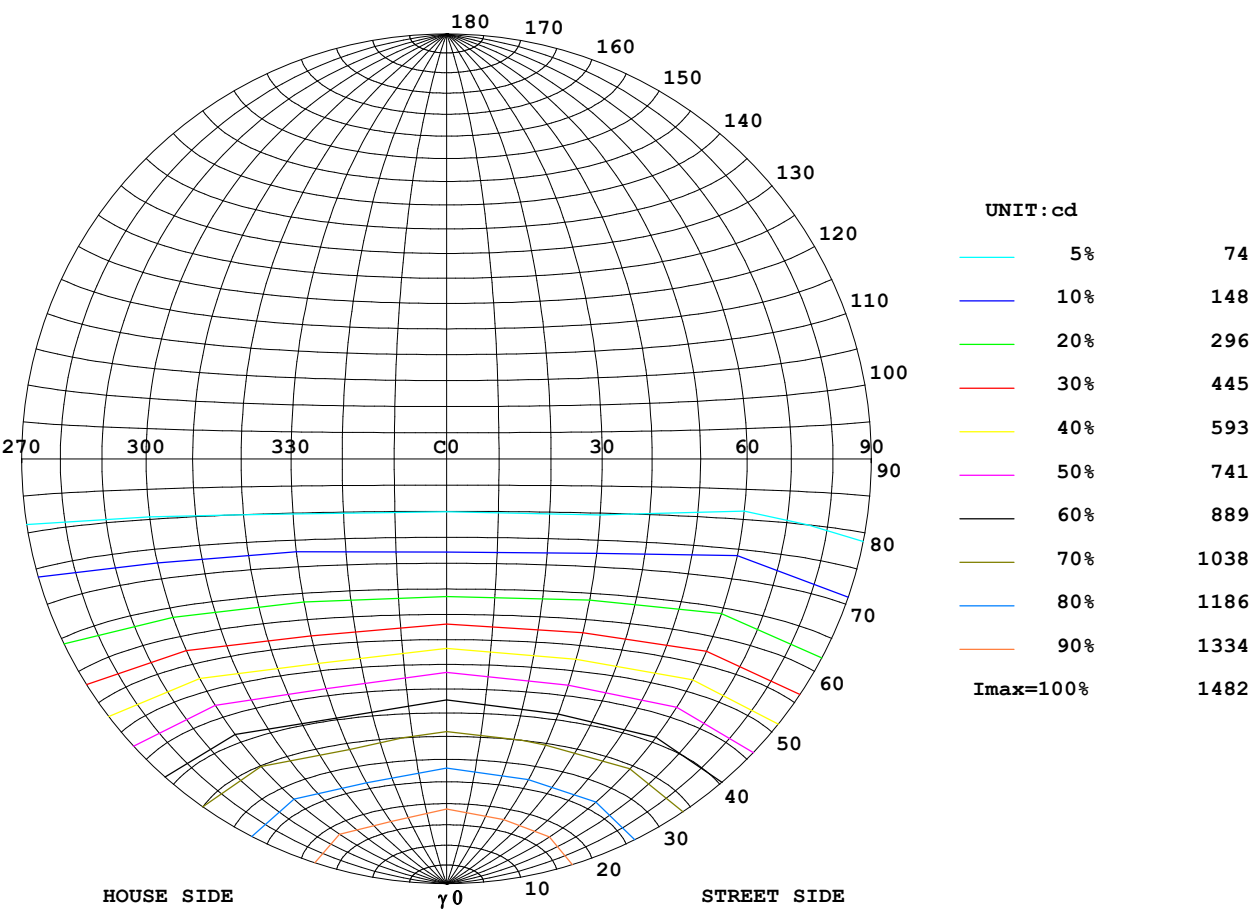
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ISOCANDELA DIAGRAM

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Test System:HOP00 HPG1800
Temperature:25.3DEG
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Test Date:03-12-2025

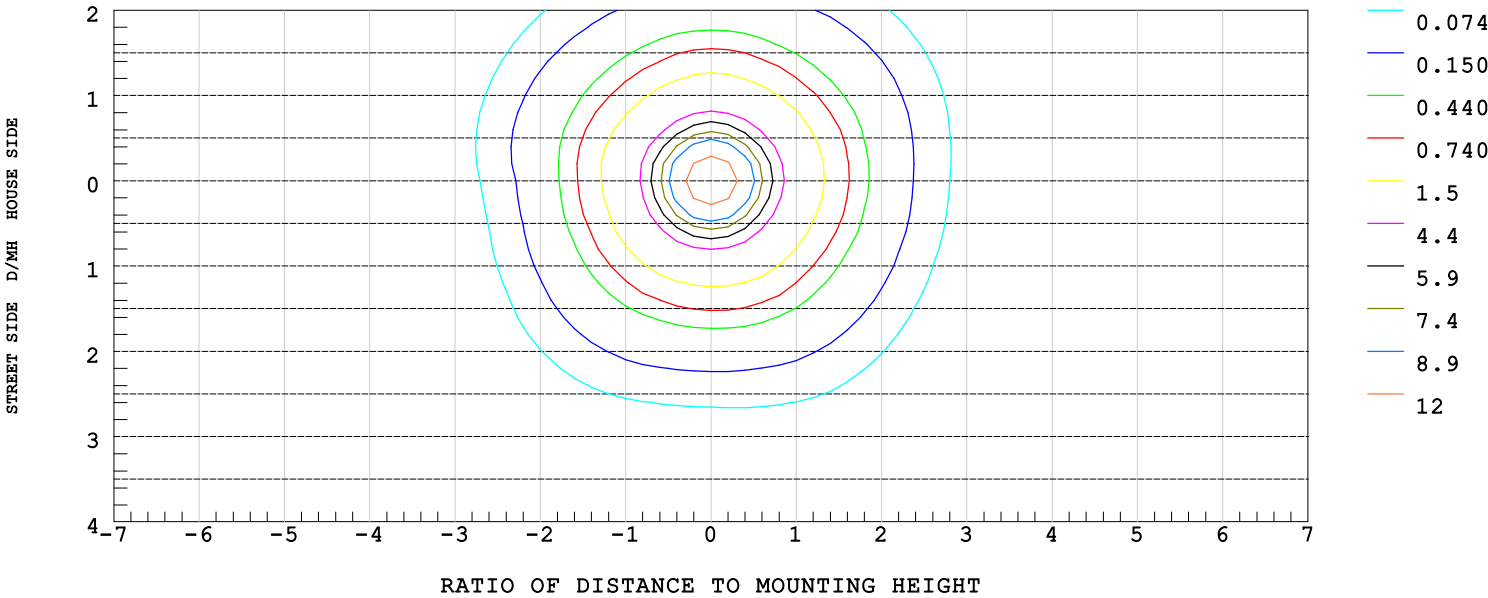
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ISOLUX DIAGRAM

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 14.82 lx



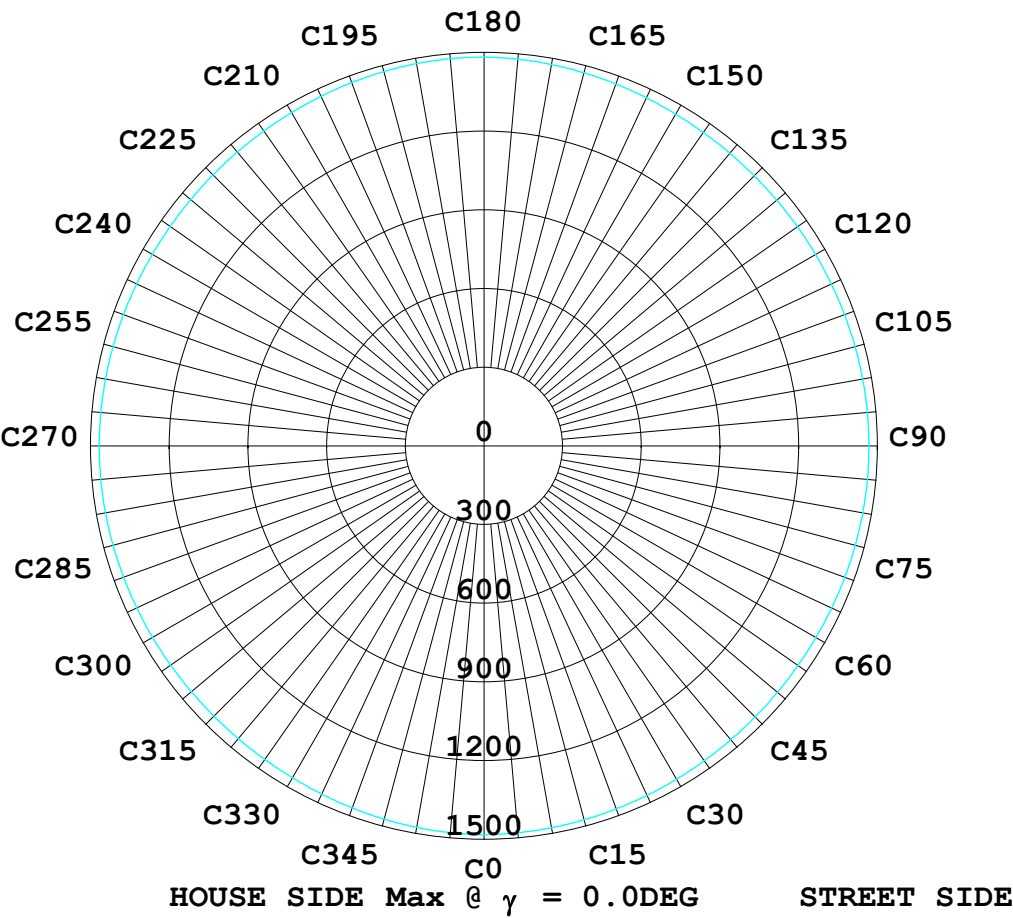
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 4K 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	1482	1468	1461	1467	1460	1461	1482	1468	1461	1467	1460	1461
5.0	1464	1452	1449	1456	1453	1451	1473	1464	1452	1458	1446	1450
10.0	1434	1420	1417	1421	1427	1423	1449	1440	1422	1428	1414	1421
15.0	1379	1368	1366	1365	1373	1378	1412	1400	1374	1377	1362	1376
20.0	1318	1302	1299	1295	1310	1313	1357	1343	1308	1310	1293	1315
25.0	1239	1223	1217	1210	1230	1244	1286	1272	1226	1233	1210	1240
30.0	1153	1128	1123	1114	1139	1152	1204	1189	1137	1133	1116	1152
35.0	1059	1030	1024	1014	1043	1056	1110	1095	1037	1034	1009	1054
40.0	953	918	912	900	933	946	1008	989	924	926	898	948
45.0	834	796	793	776	814	829	897	876	807	805	779	831
50.0	696	663	659	634	685	701	768	749	672	663	638	700
55.0	536	507	503	482	531	545	612	601	523	513	483	547
60.0	387	378	376	340	397	405	458	450	388	375	376	410
65.0	257	268	277	234	279	292	305	337	278	257	255	305
70.0	172	181	199	159	210	202	200	239	199	177	183	207
75.0	117	115	134	106	143	130	132	161	133	123	121	134
80.0	73.2	71.0	84.7	63.6	92.5	81.0	87.0	103	82.4	76.8	72.2	87.9
85.0	32.6	32.6	44.6	28.8	52.4	43.7	47.6	62.6	44.9	40.3	35.7	50.2
90.0	11.7	6.13	11.2	6.04	13.7	8.12	16.3	21.3	10.8	11.6	6.04	12.0

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K