

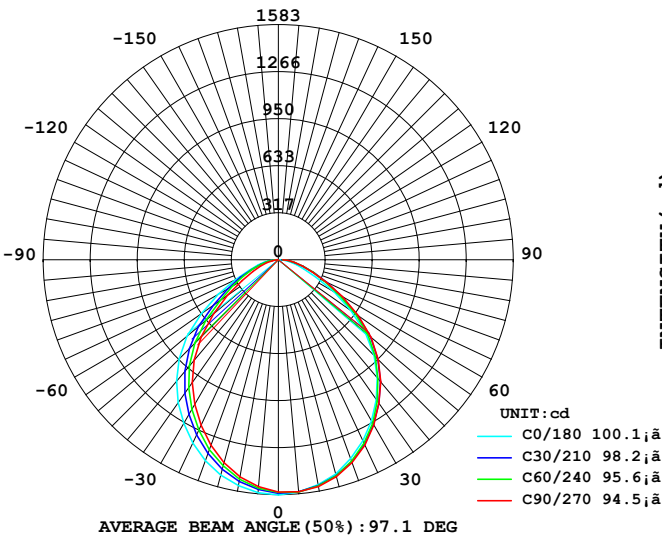
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

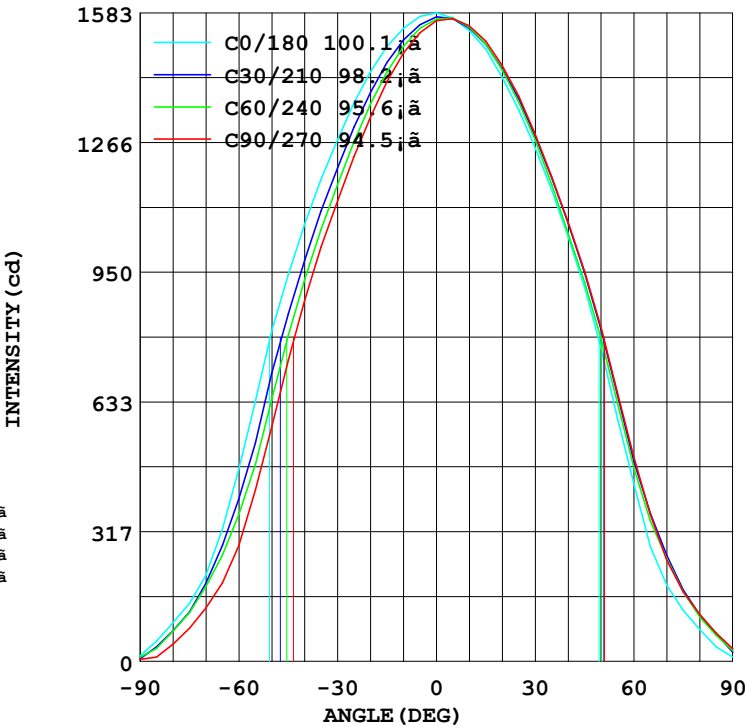
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1583	S/MH (C0/180)	1.20
MODEL	DAISY CRESENT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.09
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3581.9	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	130.0	Current (A)	0.128
NOMINAL FLUX (lm)	3582.0	η up (%)	0.0	Power (W)	27.54
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.2	Effictive Flux (lm)	3437.0	EEI	0.109

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 5700K

Color Temperature Data List

Report number:

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

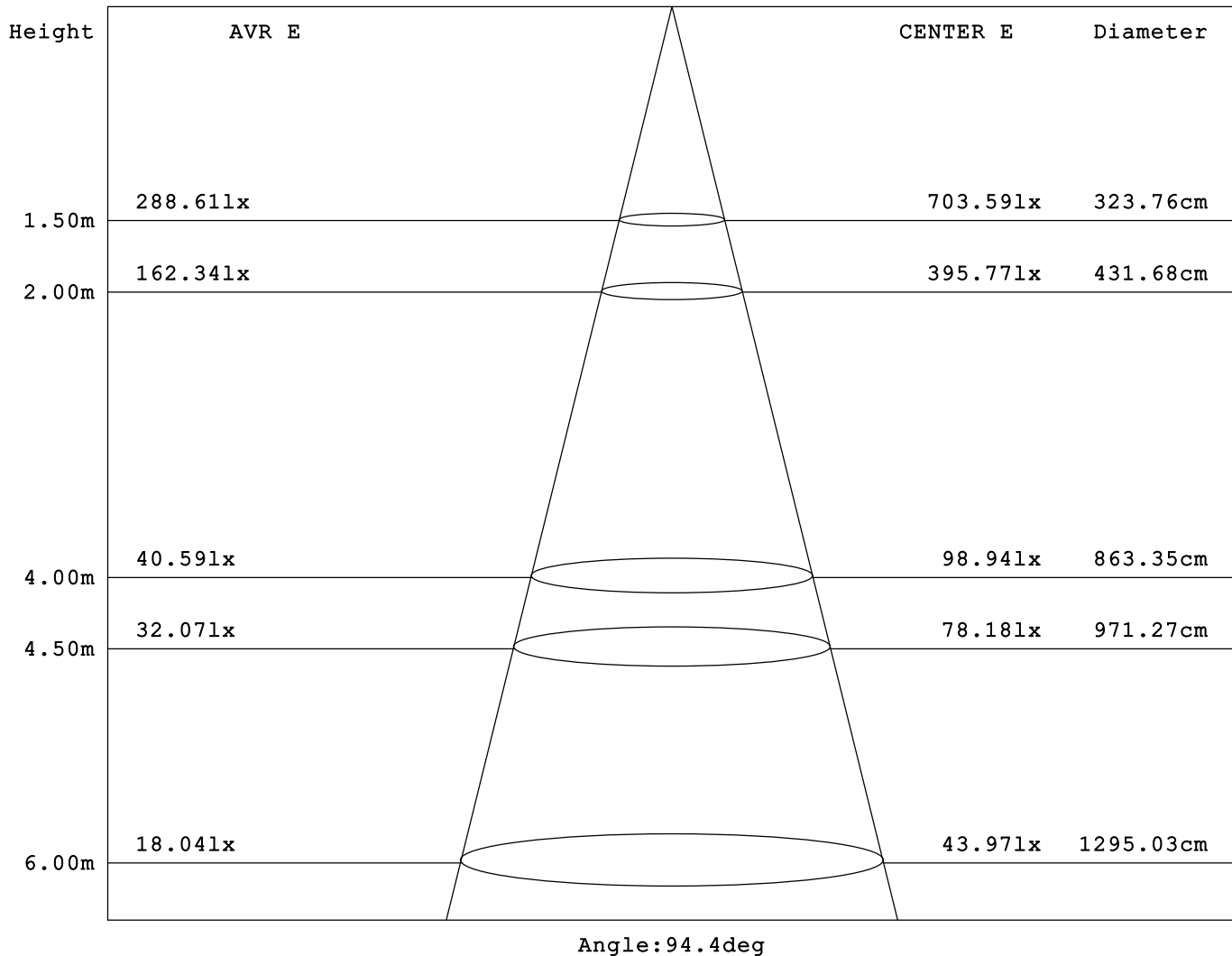
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	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: 03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	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	1545	1509	1485	1491	1539	1547	1551	1547	0- 10	147.6	147.6
20.0	1440	1375	1329	1351	1426	1445	1455	1451	10- 20	415.7	563.4
30.0	1273	1184	1125	1156	1254	1277	1288	1290	20- 30	610.0	1173
40.0	1067	955.2	881.2	921.1	1037	1058	1073	1077	30- 40	701.8	1875
50.0	806.1	671.4	571.7	627.9	766.0	799.4	816.1	824.3	40- 50	675.0	2550
60.0	468.9	377.4	282.3	357.0	432.8	479.8	498.0	508.3	50- 60	515.7	3066
70.0	209.5	186.1	129.8	166.0	185.3	254.1	246.0	267.6	60- 70	308.7	3375
80.0	94.40	74.05	41.51	62.67	77.43	110.7	114.2	120.6	70- 80	152.9	3528
90.0	13.71	8.483	5.054	8.302	10.55	24.18	30.77	35.24	80- 90	54.20	3582
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

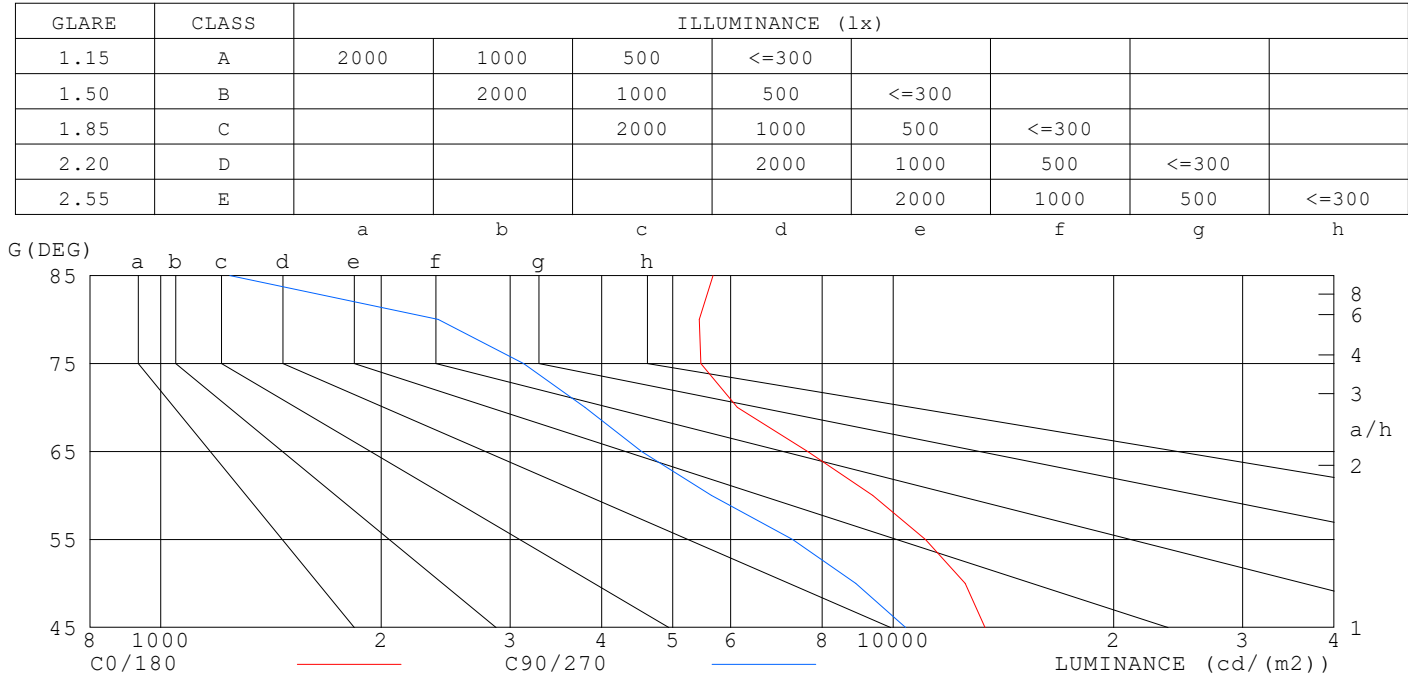
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	TYPE: .5W 5700K 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	5675	1243
80	5436	2391
75	5464	3128
70	6127	3797
65	7645	4538
60	9379	5648
55	11076	7291
50	12541	8895
45	13354	10398

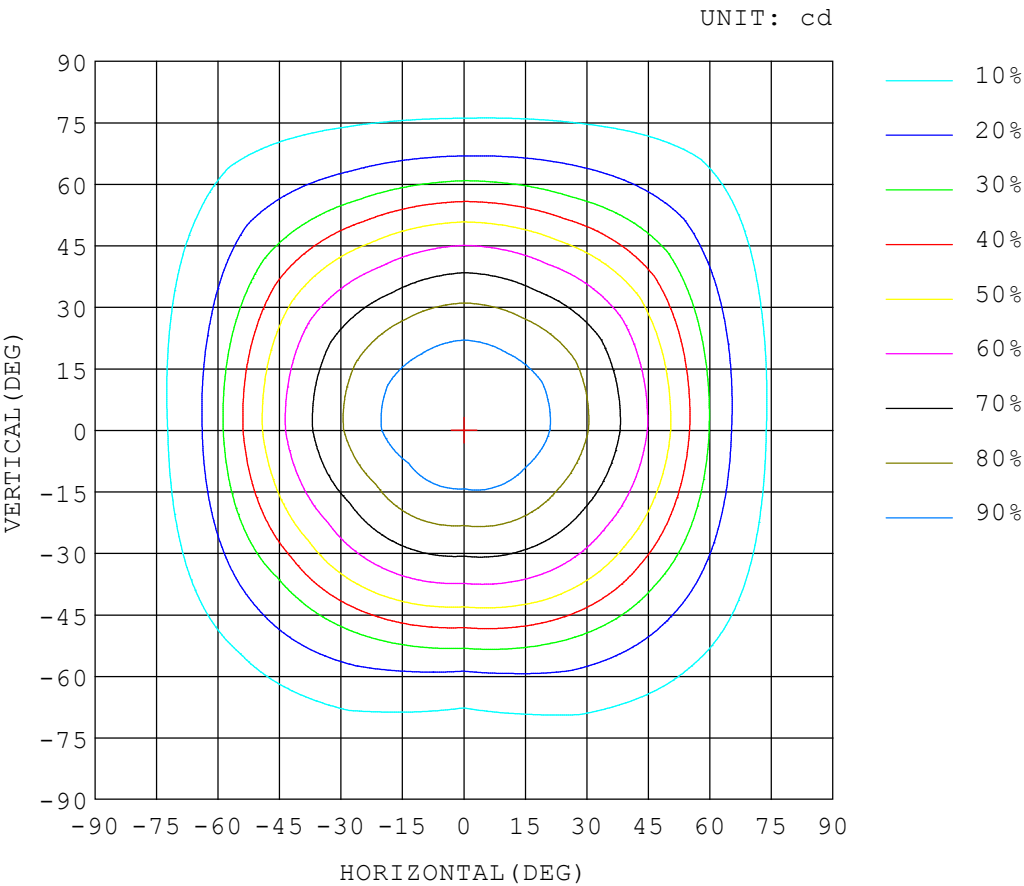
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

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



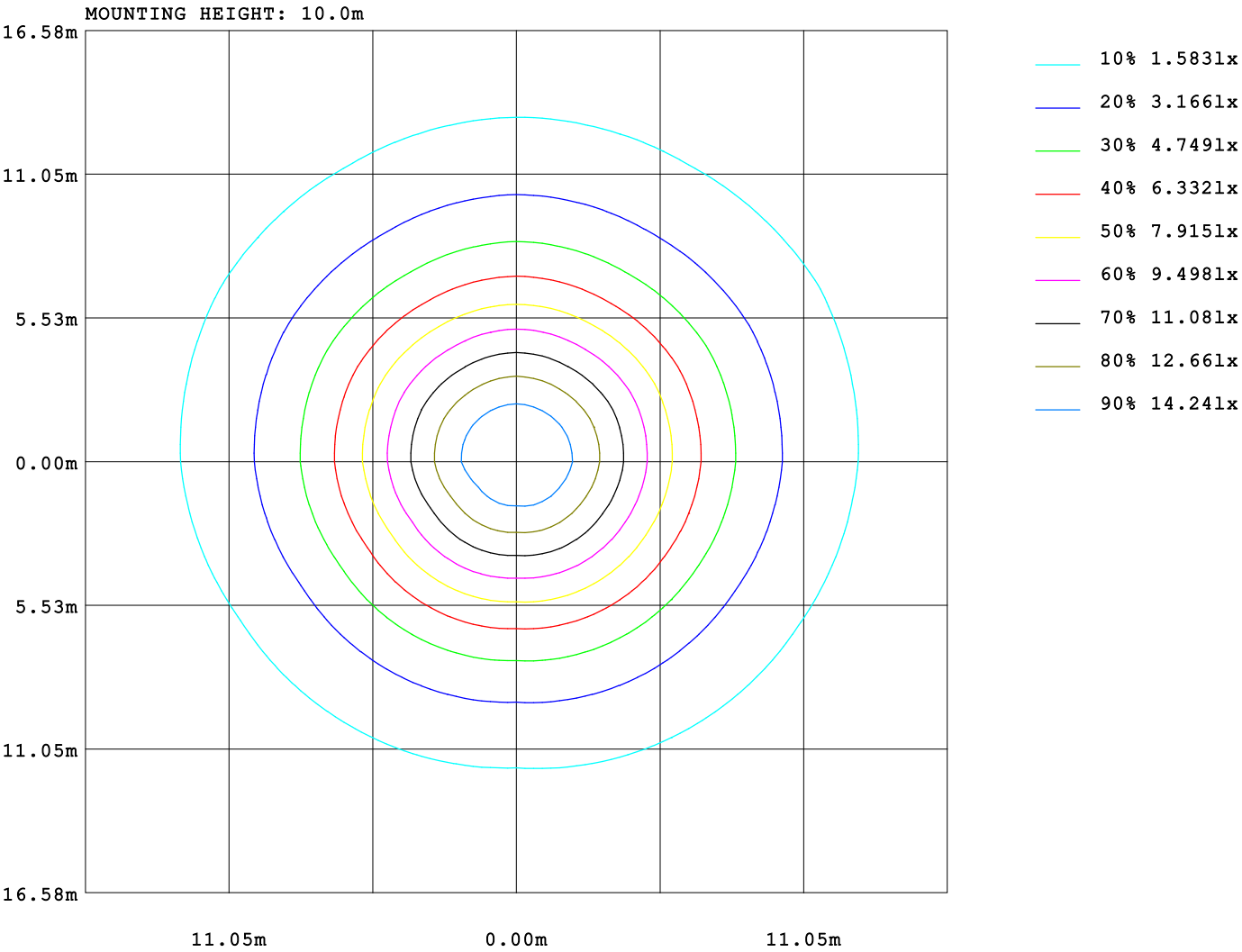
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	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:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: DAISY CRESENT PRISMATIC

TYPE: .5W 5700K CRI90

WEIGHT:

SPECIFICATION: FULHAM-600 MA

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

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.04	0.20	0.49	0.84	1.15	1.44	1.71	1.95	2.10	2.14	2.06	1.89	1.65	1.37	1.04	0.65	0.28	0.06	21.1	0.00			
90																							
80																							
70																							
60																							
50																							
40																							
30																							

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: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY

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

NAME: DAISY CRESENT PRISMATIC

TYPE: .5W 5700K CRI90

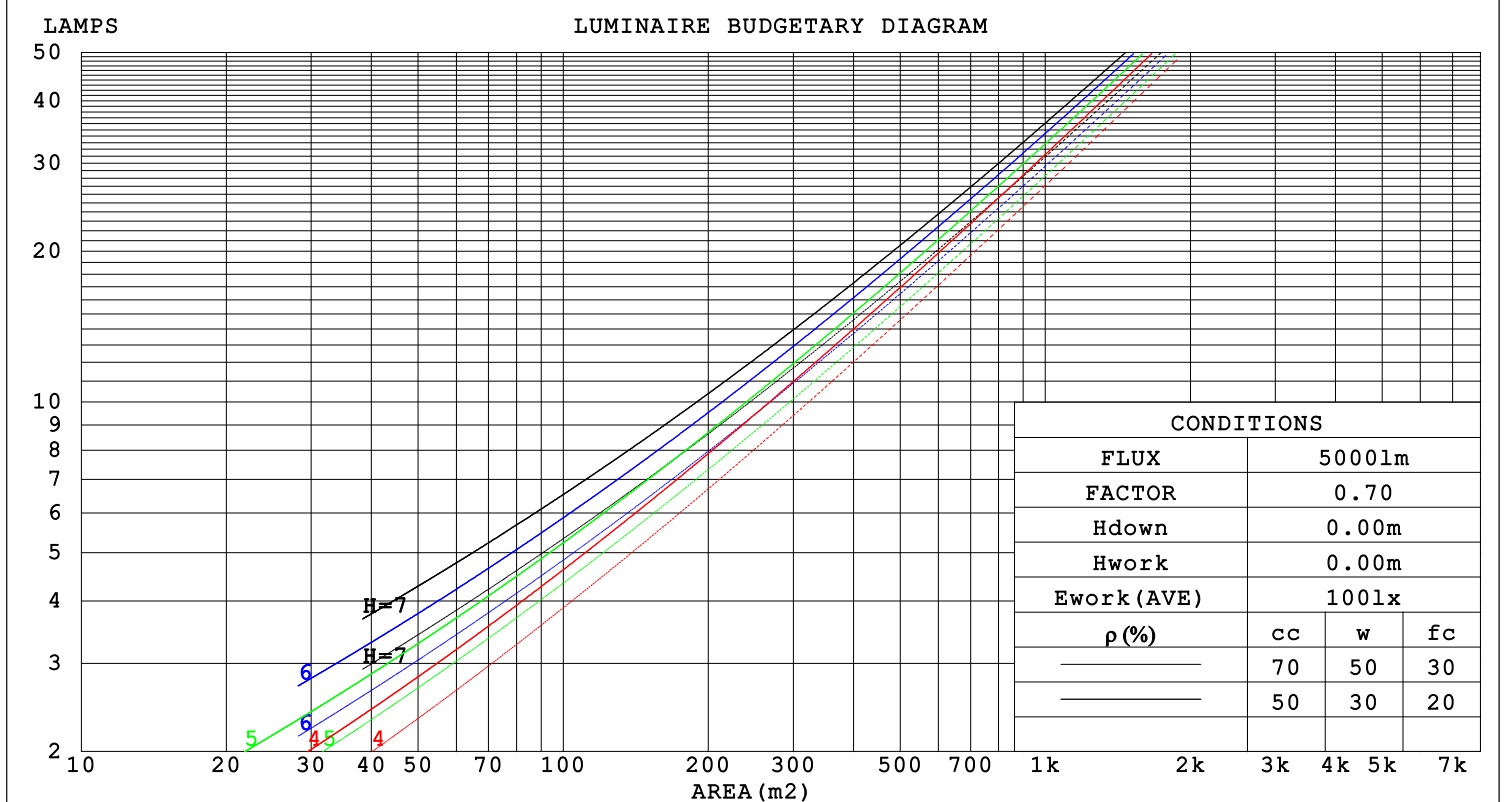
WEIGHT:

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

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

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

NAME: DAISY CRESENT PRISMATIC

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	.279	.158	.050	.272	.155	.049	.258	.148	.047	.246	.142	.046	.235	.136	.044	
2.0	.265	.145	.044	.258	.142	.044	.247	.137	.043	.236	.133	.042	.227	.128	.040	
3.0	.247	.132	.039	.242	.130	.039	.232	.126	.038	.223	.122	.037	.214	.118	.037	
4.0	.231	.120	.035	.226	.118	.035	.217	.115	.034	.209	.112	.034	.201	.109	.033	
5.0	.215	.110	.032	.211	.108	.032	.203	.106	.031	.196	.103	.031	.189	.101	.030	
6.0	.201	.101	.029	.197	.100	.029	.190	.097	.028	.184	.095	.028	.177	.093	.028	
7.0	.188	.093	.026	.185	.092	.026	.179	.090	.026	.173	.089	.026	.167	.087	.026	
8.0	.177	.086	.024	.174	.086	.024	.168	.084	.024	.163	.082	.024	.158	.081	.024	
9.0	.166	.080	.022	.164	.080	.022	.159	.078	.022	.154	.077	.022	.149	.076	.022	
10.0	.157	.075	.021	.155	.075	.021	.150	.073	.021	.146	.072	.021	.142	.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	.077	.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	.049	.124	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.081	.041	.119	.071	.036	.082	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.075	.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: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	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	20.4	21.8	20.7	22.0	22.2	19.0	20.4	19.3	20.6	20.8
3H	21.1	22.4	21.4	22.6	22.9	19.6	20.9	19.9	21.1	21.3
4H	21.4	22.6	21.7	22.9	23.1	19.7	21.0	20.0	21.2	21.5
6H	21.6	22.8	21.9	23.1	23.3	19.8	21.0	20.1	21.2	21.5
8H	21.7	22.8	22.0	23.1	23.4	19.8	20.9	20.1	21.2	21.5
12H	21.8	22.9	22.1	23.2	23.4	19.7	20.8	20.1	21.1	21.4
4H 2H	20.6	21.8	20.9	22.1	22.3	19.4	20.7	19.8	20.9	21.2
3H	21.4	22.5	21.8	22.8	23.1	20.2	21.3	20.5	21.6	21.9
4H	21.8	22.8	22.2	23.1	23.4	20.5	21.5	20.9	21.8	22.1
6H	22.2	23.1	22.6	23.4	23.8	20.7	21.5	21.1	21.9	22.2
8H	22.3	23.1	22.7	23.5	23.9	20.7	21.5	21.1	21.8	22.2
12H	22.5	23.2	22.9	23.6	24.0	20.6	21.4	21.1	21.8	22.2
8H 4H	21.9	22.7	22.3	23.1	23.4	20.7	21.5	21.1	21.8	22.2
6H	22.4	23.0	22.8	23.4	23.9	21.0	21.6	21.4	22.0	22.5
8H	22.6	23.2	23.0	23.6	24.0	21.0	21.6	21.5	22.0	22.5
12H	22.8	23.3	23.2	23.7	24.2	21.0	21.5	21.5	22.0	22.4
12H 4H	21.9	22.6	22.3	23.0	23.4	20.7	21.4	21.1	21.8	22.2
6H	22.4	23.0	22.8	23.4	23.8	21.0	21.6	21.4	22.0	22.5
8H	22.6	23.1	23.1	23.6	24.0	21.1	21.6	21.5	22.0	22.5

Variations with the observer position at spacings:

S = 1.0H	+ 0.3 / - 0.3	+ 0.5 / - 0.6
1.5H	+ 0.3 / - 0.3	+ 0.3 / - 0.5
2.0H	+ 0.9 / - 0.9	+ 0.9 / - 1.6

CIE Pub.117 Corrected 3582 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

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: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	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	62	51	44	61	51	44	60	50	44	38
0.80	72	61	54	71	61	54	69	60	54	47
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	90	86	78
3.00	104	98	93	102	97	92	98	94	90	82
4.00	108	103	99	105	101	97	101	98	94	86
5.00	110	106	102	107	104	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

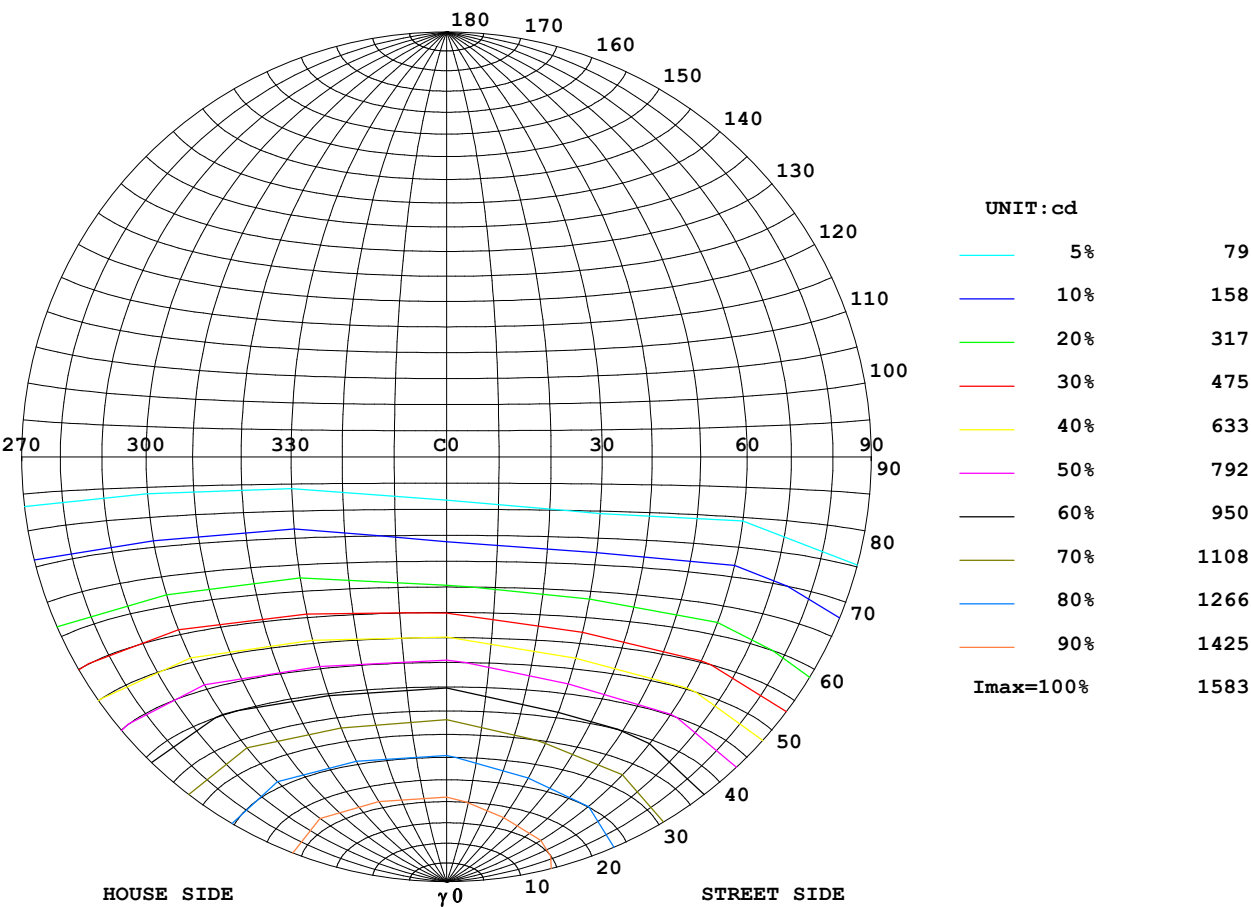
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ISOCANDELA DIAGRAM

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
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SPECIFICATION: FULHAM-600 MA	DIMENSION: L-1200 D-80 H-66 MM	SERIAL No.:



Test System:HOPOO HPG1800
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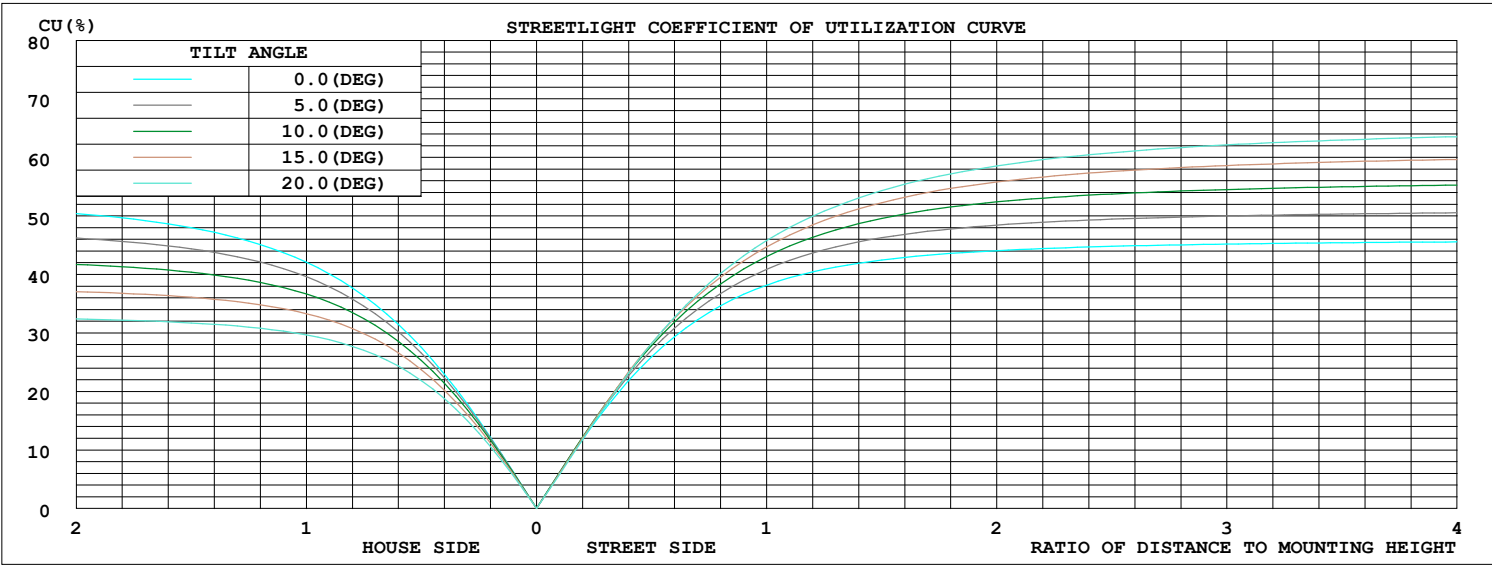
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Humidity:65.0%
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ISOLUX DIAGRAM

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	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 = 15.83 lx



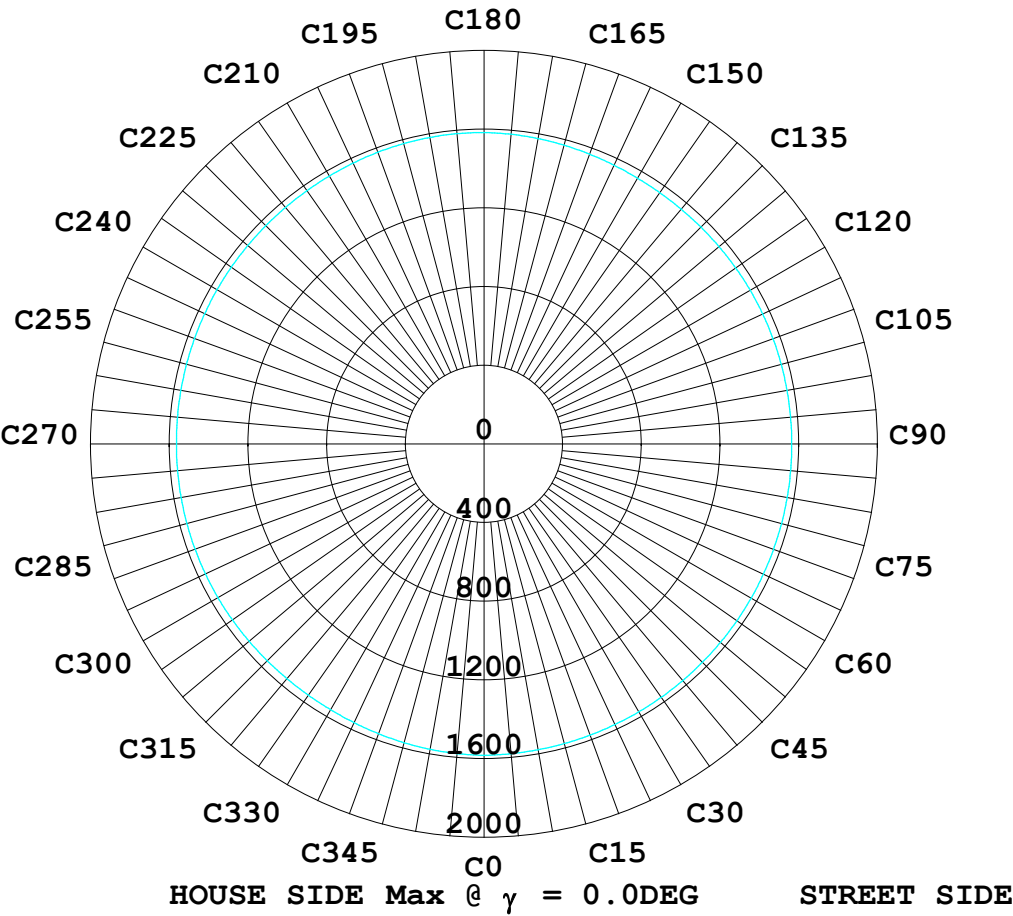
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,		
NAME: DAISY CRESENT PRISMATIC	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	1583	1573	1568	1564	1563	1560	1583	1573	1568	1564	1563	1560
5.0	1574	1554	1545	1534	1537	1537	1570	1569	1570	1569	1566	1562
10.0	1545	1517	1502	1485	1489	1494	1539	1546	1548	1551	1547	1547
15.0	1501	1462	1438	1415	1424	1436	1494	1506	1507	1514	1509	1510
20.0	1440	1389	1361	1329	1345	1357	1426	1447	1443	1455	1447	1456
25.0	1363	1304	1268	1232	1252	1268	1346	1373	1365	1379	1370	1387
30.0	1273	1205	1164	1125	1146	1166	1254	1282	1273	1288	1280	1300
35.0	1176	1099	1054	1011	1032	1056	1151	1181	1164	1182	1173	1201
40.0	1067	979	932	881	908	935	1037	1070	1045	1073	1059	1095
45.0	944	849	796	735	770	802	913	948	925	952	939	975
50.0	806	704	639	572	607	649	766	810	789	816	805	844
55.0	635	533	481	418	449	484	595	652	633	658	652	696
60.0	469	397	358	282	338	377	433	488	472	498	489	527
65.0	323	283	260	192	245	250	281	362	343	359	375	396
70.0	210	190	182	130	170	162	185	258	250	246	258	278
75.0	141	121	119	80.9	109	103	125	175	170	170	179	193
80.0	94.4	74.5	73.5	41.5	64.4	60.9	77.4	113	108	114	117	124
85.0	49.4	35.5	31.4	10.8	23.2	20.1	35.3	67.3	63.4	68.8	71.0	79.1
90.0	13.7	6.58	10.3	5.05	10.2	6.31	10.5	22.0	26.3	30.7	33.7	36.7

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: 5700K