

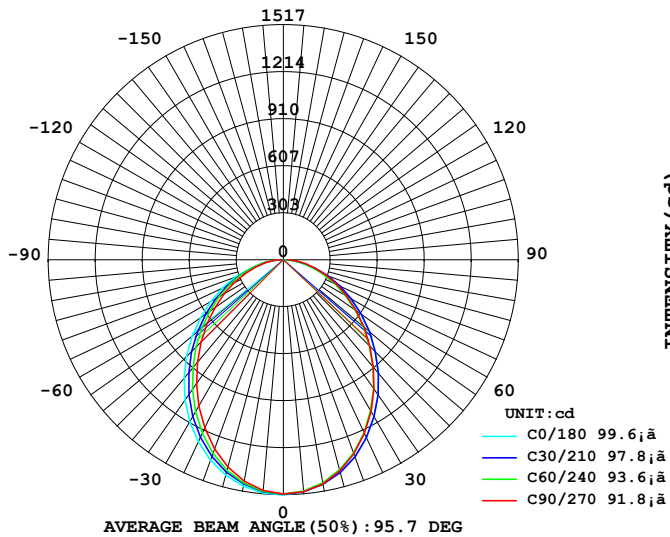
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

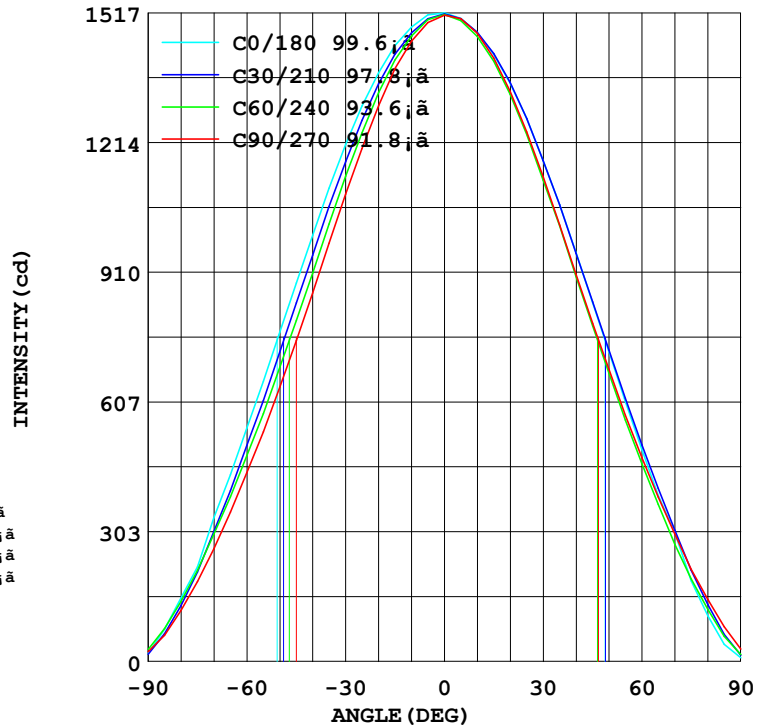
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1517	S/MH (C0/180)	1.19
MODEL	VIRAJ 5690	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.10
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3611.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	128.3	Current (A)	0.129
NOMINAL FLUX (lm)	3612.0	η up (%)	0.0	Power (W)	28.16
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.986
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	3521.8	EEI	0.109

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

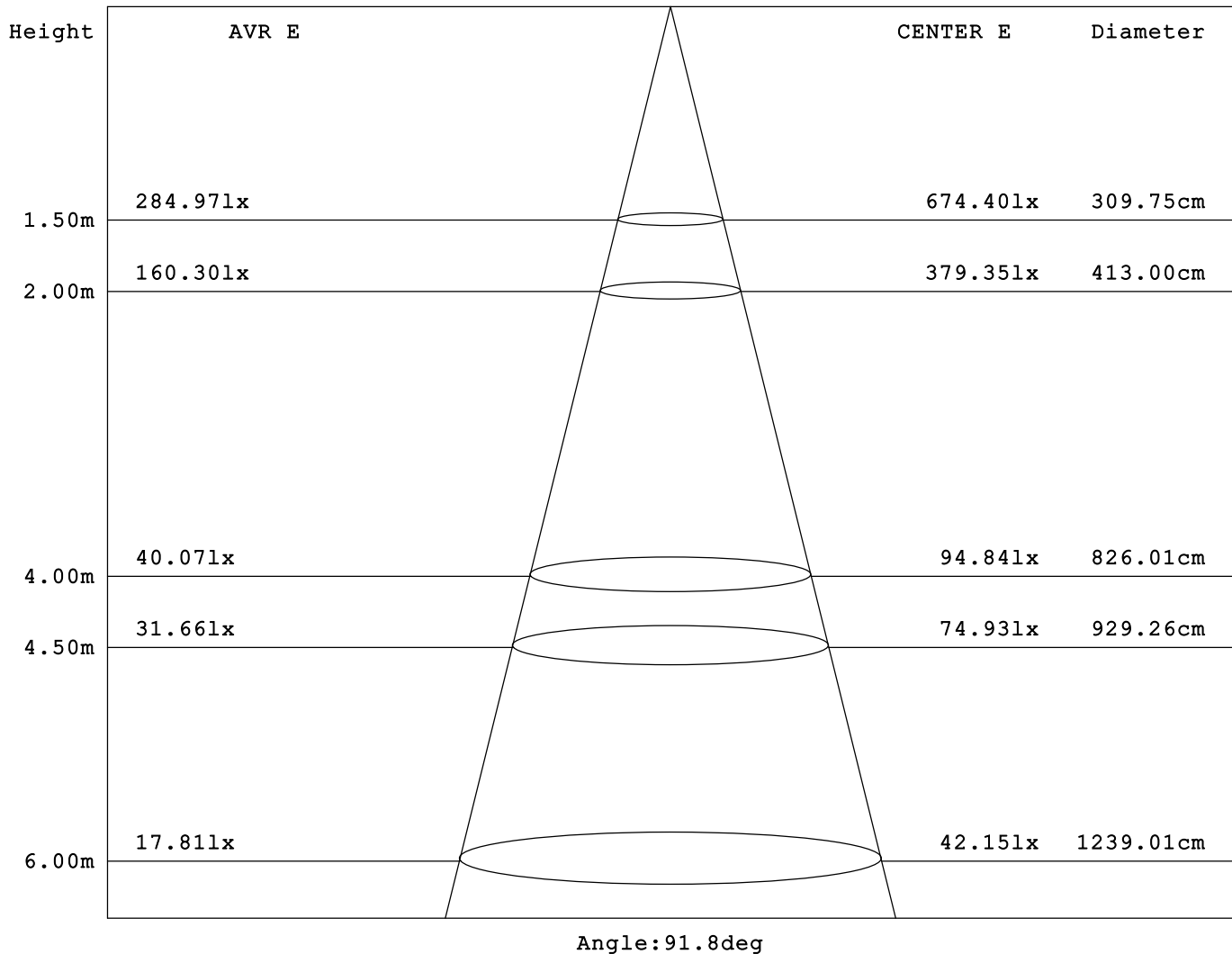
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1484	1467	1451	1456	1471	1468	1470	1475	0- 10	142.2	142.2
20.0	1377	1341	1300	1321	1353	1341	1334	1354	10- 20	397.7	539.9
30.0	1209	1152	1094	1126	1172	1149	1134	1168	20- 30	575.3	1115
40.0	996.9	929.3	861.9	899.4	956.5	927.5	905.6	948.0	30- 40	651.2	1767
50.0	769.6	705.6	641.4	675.3	724.5	701.0	683.4	722.7	40- 50	629.0	2396
60.0	545.7	492.8	441.0	465.0	495.2	484.2	476.1	506.4	50- 60	531.1	2927
70.0	335.7	300.4	262.8	275.3	300.4	289.7	297.6	316.5	60- 70	386.6	3313
80.0	148.0	134.6	118.6	117.1	106.7	127.2	145.2	146.5	70- 80	221.3	3535
90.0	19.43	22.68	22.97	19.72	8.742	15.28	28.68	25.39	80- 90	77.11	3612
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:03-08-2025

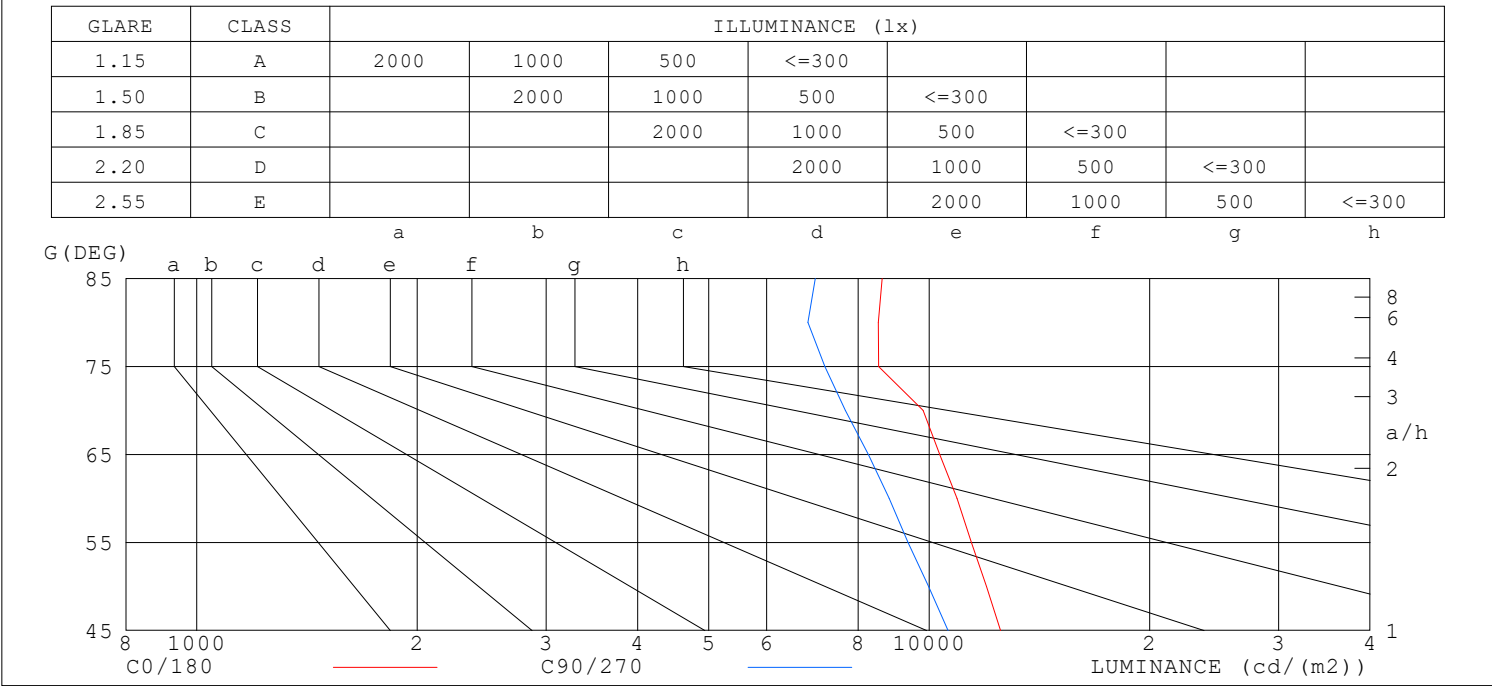
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	8630	6988
80	8525	6832
75	8536	7205
70	9817	7685
65	10340	8259
60	10914	8822
55	11422	9363
50	11974	9979
45	12518	10617

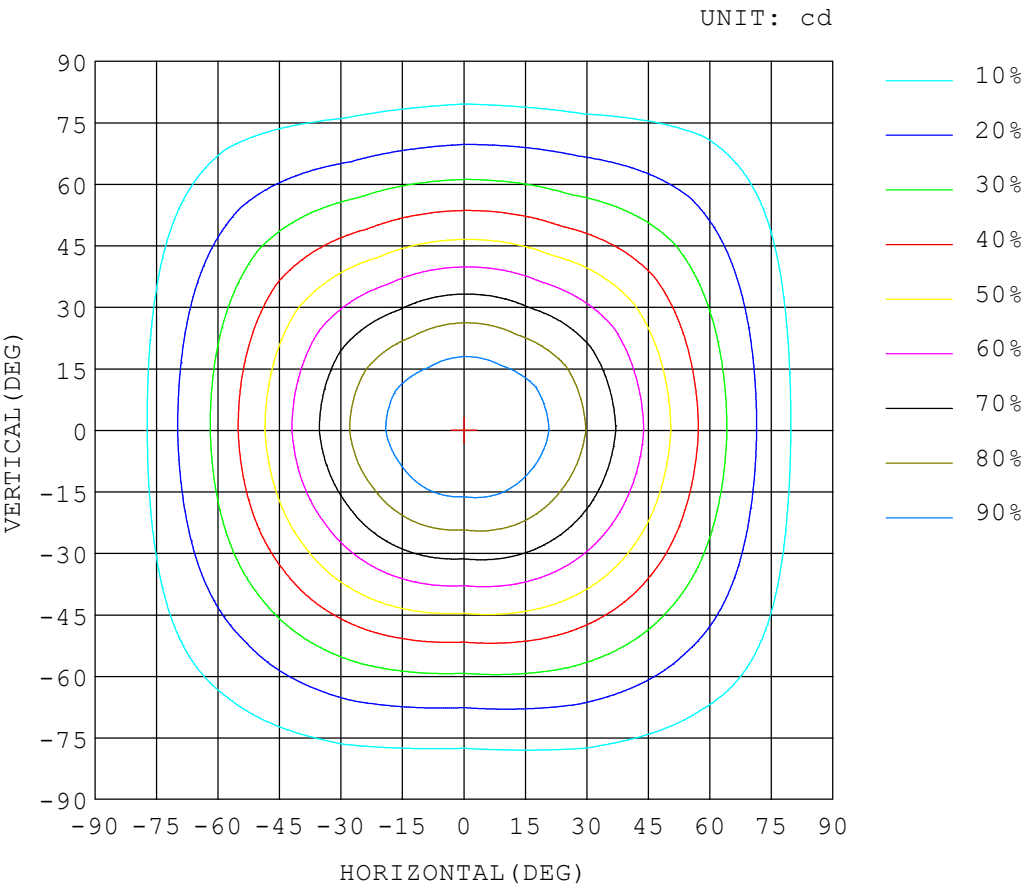
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:



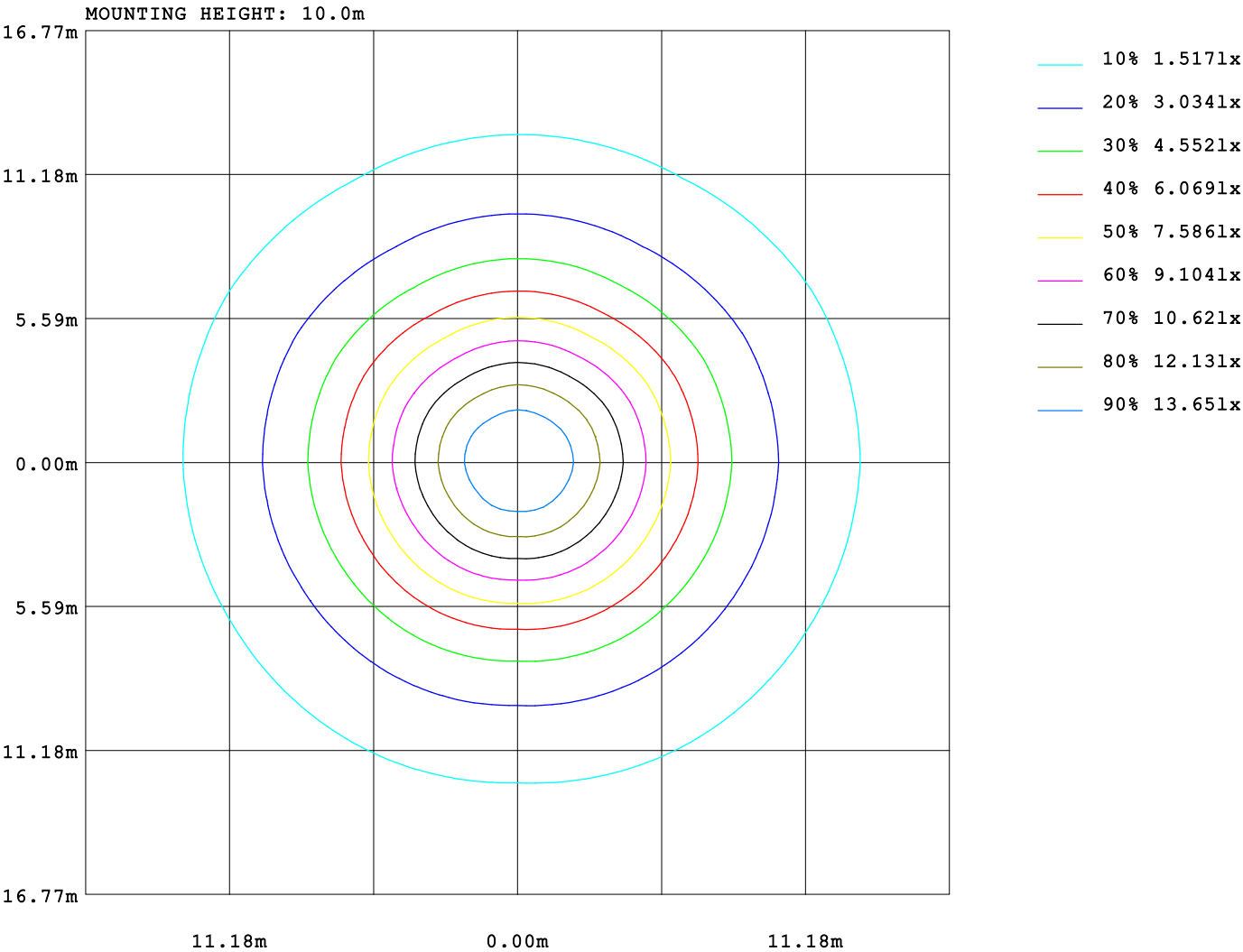
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 5690 PRISMATRIC

TYPE: .5W 57K CRI 90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*56*90 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.04	0.18	0.43	0.74	1.05	1.35	1.70	2.11	2.43	2.49	2.27	1.95	1.65	1.37	1.03	0.65	0.31	0.07	21.8	0.00			
90																							
80	0.06	0.35	1.00	1.95	2.94	3.90	4.86	5.82	6.46	6.54	6.05	5.19	4.30	3.37	2.36	1.33	0.55	0.11	57.2	40.9			
70	0.08	0.57	1.72	3.43	5.31	7.18	8.91	10.5	11.5	11.6	10.8	9.38	7.74	5.85	3.91	2.10	0.81	0.14	102	98.1			
60	0.10	0.81	2.48	5.08	8.01	10.9	13.5	15.9	17.3	17.4	16.1	13.9	11.4	8.57	5.59	2.88	1.06	0.17	152	150			
50	0.12	1.04	3.27	6.70	10.7	14.9	18.6	21.8	23.7	23.8	22.1	19.0	15.4	11.3	7.24	3.67	1.31	0.20	206	204			
40	0.14	1.24	3.99	8.12	13.4	18.9	23.9	28.0	30.6	30.7	28.3	24.4	19.5	14.0	8.73	4.42	1.51	0.23	260	259			
30	0.16	1.42	4.54	9.32	15.5	22.5	28.9	33.8	37.0	37.1	34.2	29.4	23.2	16.3	9.99	5.02	1.69	0.25	311	310			
	0.17	1.55	4.92	10.1	17.1	25.0	32.7	38.6	42.0	42.2	39.1	33.4	25.8	17.9	10.9	5.45	1.82	0.26	350	349			
	0.17	1.61	5.10	10.6	17.9	26.4	34.6	41.2	44.9	45.0	41.7	35.3	27.2	18.9	11.4	5.68	1.89	0.27	370	370			
	0.17	1.60	5.07	10.5	17.8	26.1	34.3	40.8	44.6	44.8	41.4	35.1	27.1	18.7	11.3	5.65	1.88	0.26	368	367			
	0.17	1.52	4.81	9.94	16.7	24.3	31.8	38.0	41.5	41.7	38.6	32.7	25.3	17.6	10.7	5.35	1.79	0.26	343	343			
	0.15	1.37	4.36	8.92	14.8	21.5	28.0	33.3	36.1	36.3	33.9	28.9	22.4	15.7	9.67	4.86	1.64	0.24	303	302			
-30	0.14	1.18	3.75	7.61	12.5	18.1	23.3	27.4	29.5	29.7	27.9	24.1	18.9	13.3	8.30	4.20	1.44	0.22	252	251			
-40	0.11	0.96	3.00	6.10	10.0	14.3	18.3	21.3	22.7	22.9	21.7	18.9	15.0	10.7	6.73	3.42	1.22	0.19	198	197			
-50	0.09	0.73	2.21	4.51	7.46	10.6	13.4	15.4	16.3	16.4	15.7	13.9	11.2	8.08	5.07	2.59	0.98	0.16	145	143			
-60	0.07	0.49	1.46	2.97	4.95	7.07	8.91	10.1	10.6	10.7	10.3	9.31	7.56	5.47	3.42	1.81	0.72	0.13	96.3	91.5			
-70	0.05	0.29	0.80	1.61	2.71	3.90	4.91	5.50	5.75	5.82	5.71	5.22	4.27	3.10	1.97	1.08	0.47	0.10	53.3	35.8			
-80	0.04	0.16	0.34	0.62	1.01	1.45	1.80	1.96	2.01	2.06	2.08	1.99	1.68	1.23	0.81	0.49	0.25	0.07	20.1	0.00			
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90			
Φ t	2.02	17.0	53.3	109	180	259	333	392	426	428	399	343	270	192	119	60.7	21.3	3.31	3612				
Φ a	0.00	9.76	47.5	103	175	253	327	387	420	422	393	337	265	187	114	55.3	15.1	0.00		3522			

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 5690 PRISMATIC

TYPE: .5W 57K CRI 90

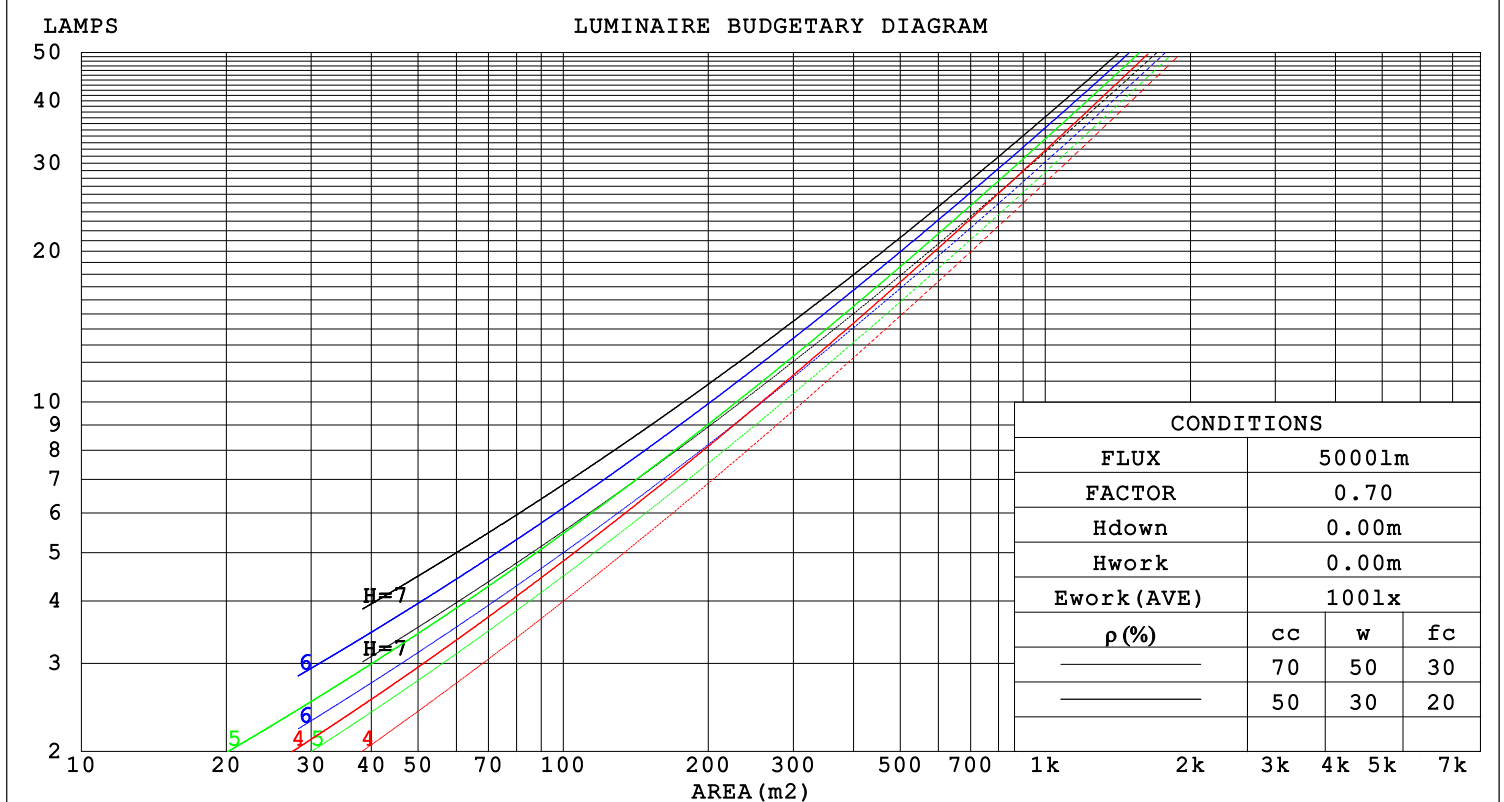
WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*56*90 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			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.79	.90	.84	.78	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.54	.52
5.0	.65	.56	.49	.64	.55	.49	.61	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.58	.50	.44	.58	.49	.43	.56	.48	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.39	.51	.44	.38	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 5690 PRISMATIC

TYPE: .5W 57K CRI 90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*56*90 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	.300	.171	.054	.293	.167	.053	.280	.160	.051	.268	.154	.050	.256	.149	.048	
2.0	.281	.154	.047	.275	.151	.047	.263	.146	.045	.253	.142	.044	.243	.137	.043	
3.0	.260	.139	.041	.255	.136	.041	.245	.133	.040	.235	.129	.040	.226	.125	.039	
4.0	.241	.125	.037	.236	.123	.036	.227	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.223	.114	.033	.219	.112	.033	.211	.110	.032	.203	.107	.032	.196	.105	.031	
6.0	.207	.104	.030	.203	.103	.030	.196	.101	.029	.190	.098	.029	.183	.096	.029	
7.0	.193	.095	.027	.190	.095	.027	.183	.093	.027	.177	.091	.026	.172	.089	.026	
8.0	.181	.088	.025	.178	.087	.025	.172	.086	.025	.167	.084	.024	.162	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.153	.075	.021	.148	.074	.021	.144	.073	.021	

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	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.060	.133	.087	.052	.091	.061	.036	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.048	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.133	.075	.034	.115	.065	.030	.079	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.115	.060	.023	.099	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 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	21.1	22.6	21.4	22.8	23.0	20.4	21.8	20.6	22.0	22.2
3H	22.5	23.9	22.8	24.1	24.3	21.6	23.0	21.9	23.2	23.5
4H	23.0	24.3	23.3	24.6	24.8	22.2	23.5	22.5	23.7	24.0
6H	23.5	24.7	23.8	24.9	25.2	22.6	23.8	22.9	24.0	24.3
8H	23.6	24.8	23.9	25.1	25.3	22.7	23.8	23.0	24.1	24.4
12H	23.7	24.8	24.1	25.1	25.4	22.8	23.9	23.1	24.2	24.5
4H 2H	21.6	22.8	21.9	23.1	23.3	21.0	22.3	21.3	22.5	22.8
3H	23.1	24.3	23.5	24.6	24.9	22.5	23.6	22.8	23.9	24.2
4H	23.8	24.8	24.2	25.1	25.5	23.1	24.2	23.5	24.5	24.8
6H	24.3	25.3	24.7	25.6	26.0	23.7	24.6	24.1	24.9	25.3
8H	24.5	25.4	25.0	25.8	26.2	23.8	24.7	24.3	25.1	25.5
12H	24.7	25.5	25.1	25.9	26.3	24.0	24.8	24.4	25.2	25.6
8H 4H	24.0	24.9	24.4	25.2	25.6	23.4	24.3	23.8	24.7	25.0
6H	24.7	25.4	25.1	25.8	26.2	24.1	24.9	24.6	25.3	25.7
8H	25.0	25.6	25.4	26.0	26.5	24.4	25.1	24.9	25.5	25.9
12H	25.2	25.8	25.7	26.2	26.7	24.7	25.2	25.1	25.7	26.1
12H 4H	24.0	24.8	24.4	25.2	25.6	23.4	24.2	23.9	24.6	25.0
6H	24.7	25.4	25.2	25.8	26.2	24.2	24.8	24.7	25.3	25.7
8H	25.1	25.6	25.5	26.1	26.5	24.5	25.1	25.0	25.5	26.0

Variations with the observer position at spacings:

S = 1.0H	+ 0.1 / - 0.1	+ 0.2 / - 0.2
1.5H	+ 0.1 / - 0.1	+ 0.2 / - 0.3
2.0H	+ 0.3 / - 0.4	+ 0.2 / - 0.5

CIE Pub.117 Corrected 3612 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 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) $k(RI) \times RCR = 5$									
$k = 0.60$	60	49	42	59	49	42	58	48	42	36
0.80	70	59	52	69	58	52	67	58	51	45
1.00	78	67	60	77	67	60	75	68	60	53
1.25	85	75	68	84	74	68	81	73	67	60
1.50	90	80	74	88	79	73	85	78	72	65
2.00	96	88	82	94	87	81	91	85	80	72
2.50	100	92	87	98	91	86	94	88	84	76
3.00	103	96	91	101	95	90	97	92	88	80
4.00	107	101	97	104	100	95	100	96	93	84
5.00	109	104	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

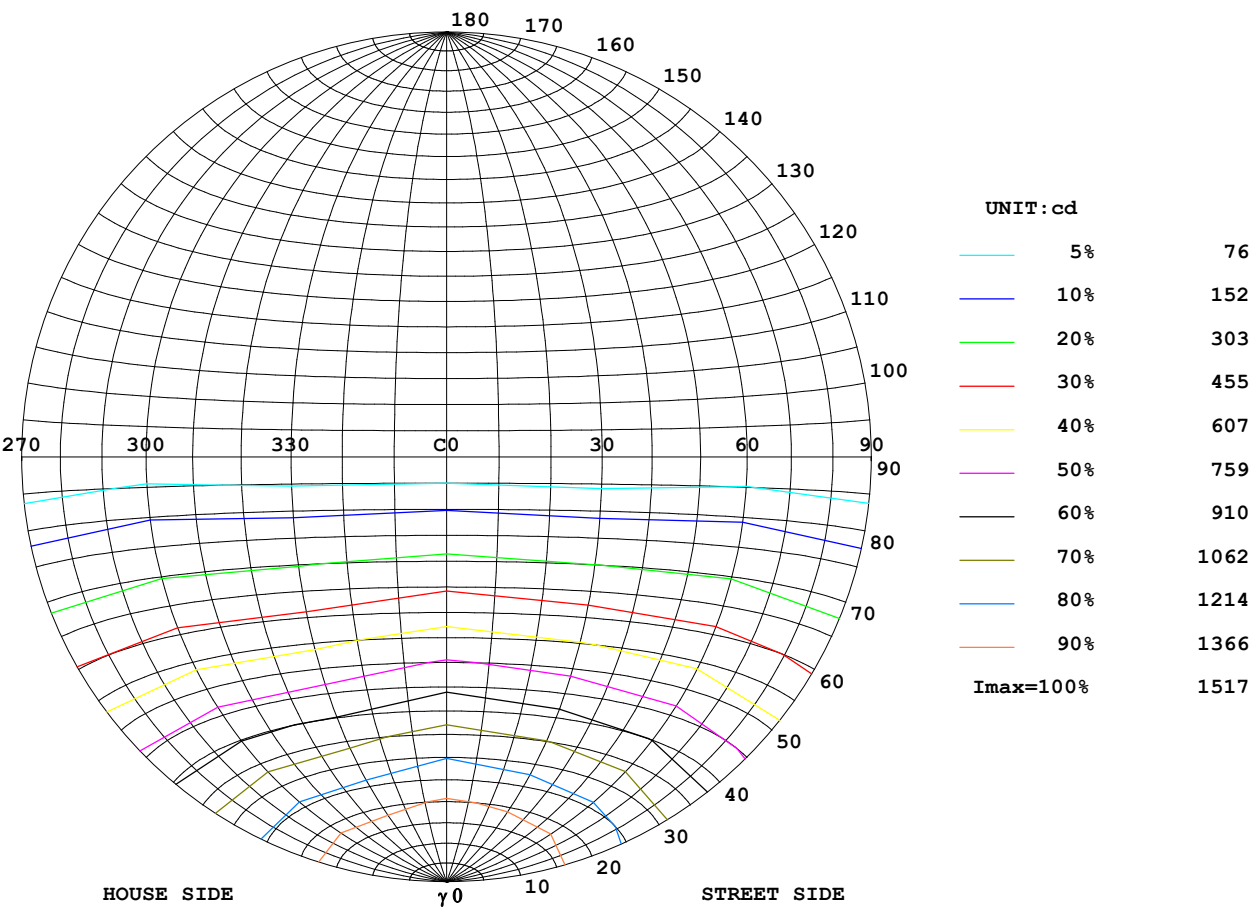
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-08-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

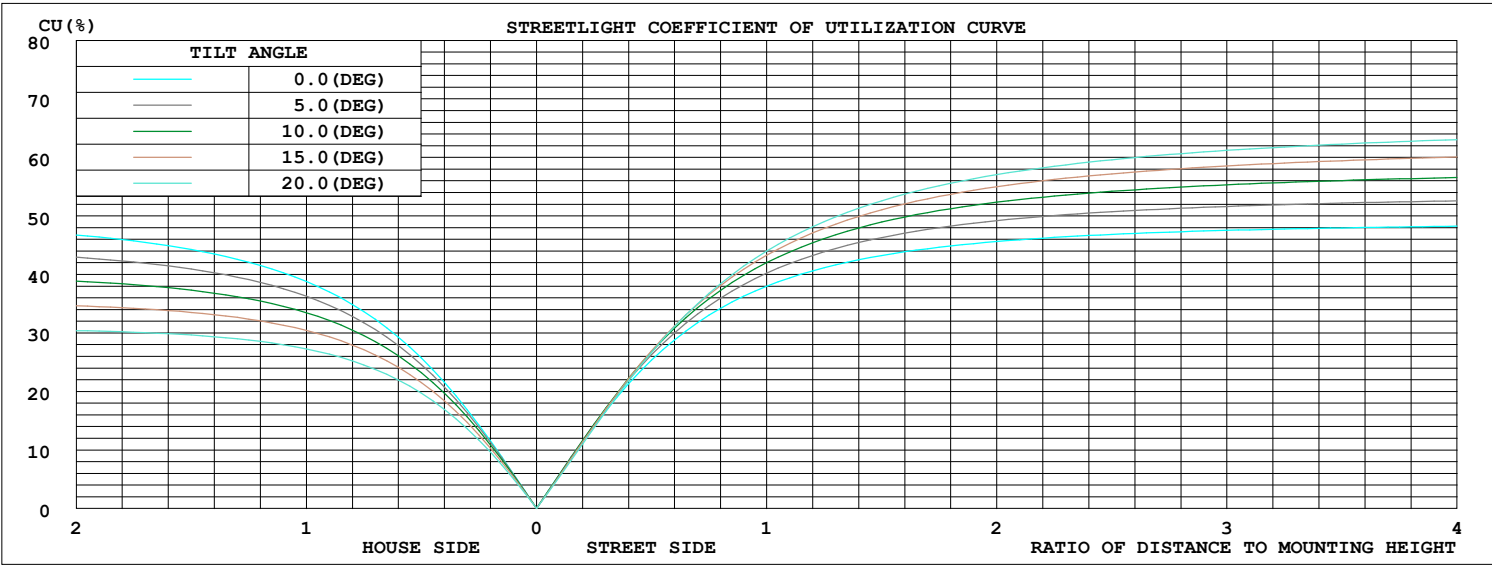
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 15.17 lx



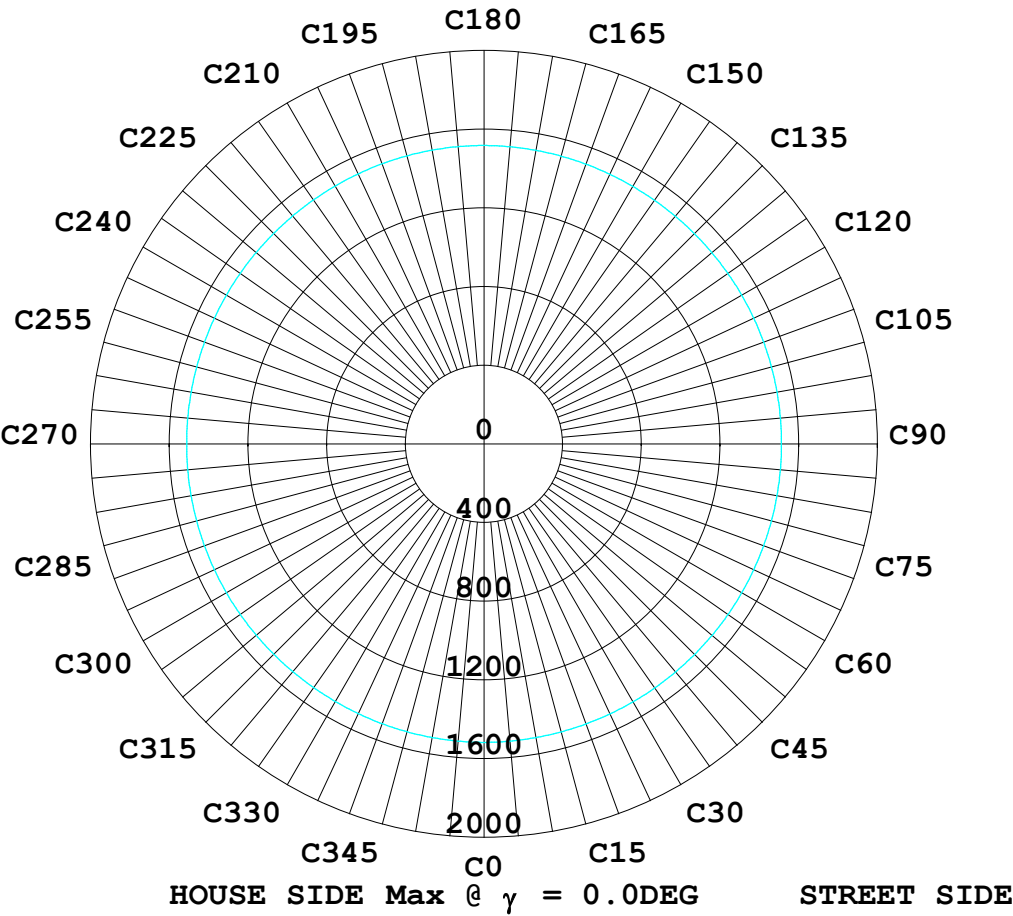
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 57K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1517	1514	1513	1512	1513	1512	1517	1514	1513	1512	1513	1512
5.0	1512	1503	1501	1495	1497	1496	1504	1503	1499	1504	1502	1506
10.0	1484	1470	1463	1451	1456	1456	1471	1472	1463	1470	1469	1481
15.0	1440	1421	1407	1387	1395	1400	1420	1422	1404	1412	1412	1434
20.0	1377	1352	1330	1300	1314	1327	1353	1354	1327	1334	1337	1371
25.0	1299	1265	1236	1200	1219	1235	1270	1270	1233	1238	1244	1291
30.0	1209	1169	1135	1094	1115	1136	1172	1172	1127	1134	1139	1197
35.0	1107	1064	1023	978	1003	1025	1068	1068	1018	1021	1030	1094
40.0	997	950	909	862	888	911	957	955	900	906	914	982
45.0	885	838	798	751	777	799	839	841	785	791	798	872
50.0	770	724	688	641	667	684	725	728	674	683	688	758
55.0	655	611	580	537	560	572	608	616	565	576	579	646
60.0	546	505	481	441	463	467	495	507	462	476	476	537
65.0	437	400	385	349	368	365	388	405	367	385	381	435
70.0	336	304	297	263	282	269	300	306	273	298	298	335
75.0	221	209	213	186	199	182	188	213	192	216	206	243
80.0	148	130	140	119	128	107	107	133	122	145	134	159
85.0	75.2	64.6	76.7	60.9	66.5	45.9	40.3	63.2	58.9	81.2	70.7	86.4
90.0	19.4	17.1	28.1	22.9	25.4	14.0	8.74	14.3	16.2	28.6	23.7	27.0

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
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