

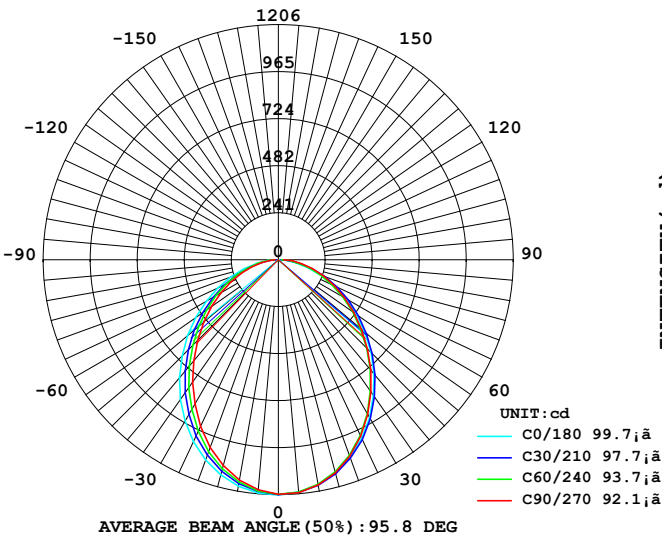
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

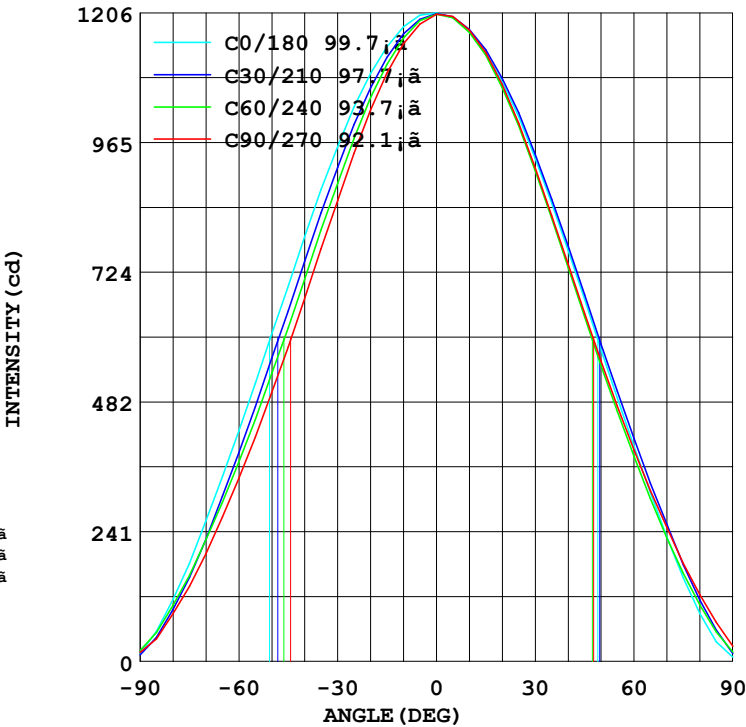
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATIC	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1206	S/MH (C0/180)	1.19
MODEL	VIRAJ 5690	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.09
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	2881.5	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	100.9	Current (A)	0.129
NOMINAL FLUX (lm)	2881.5	η up (%)	0.0	Power (W)	28.54
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.986
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	2809.2	EEI	0.138

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:8.000 m
Remarks: 3000K

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 3K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

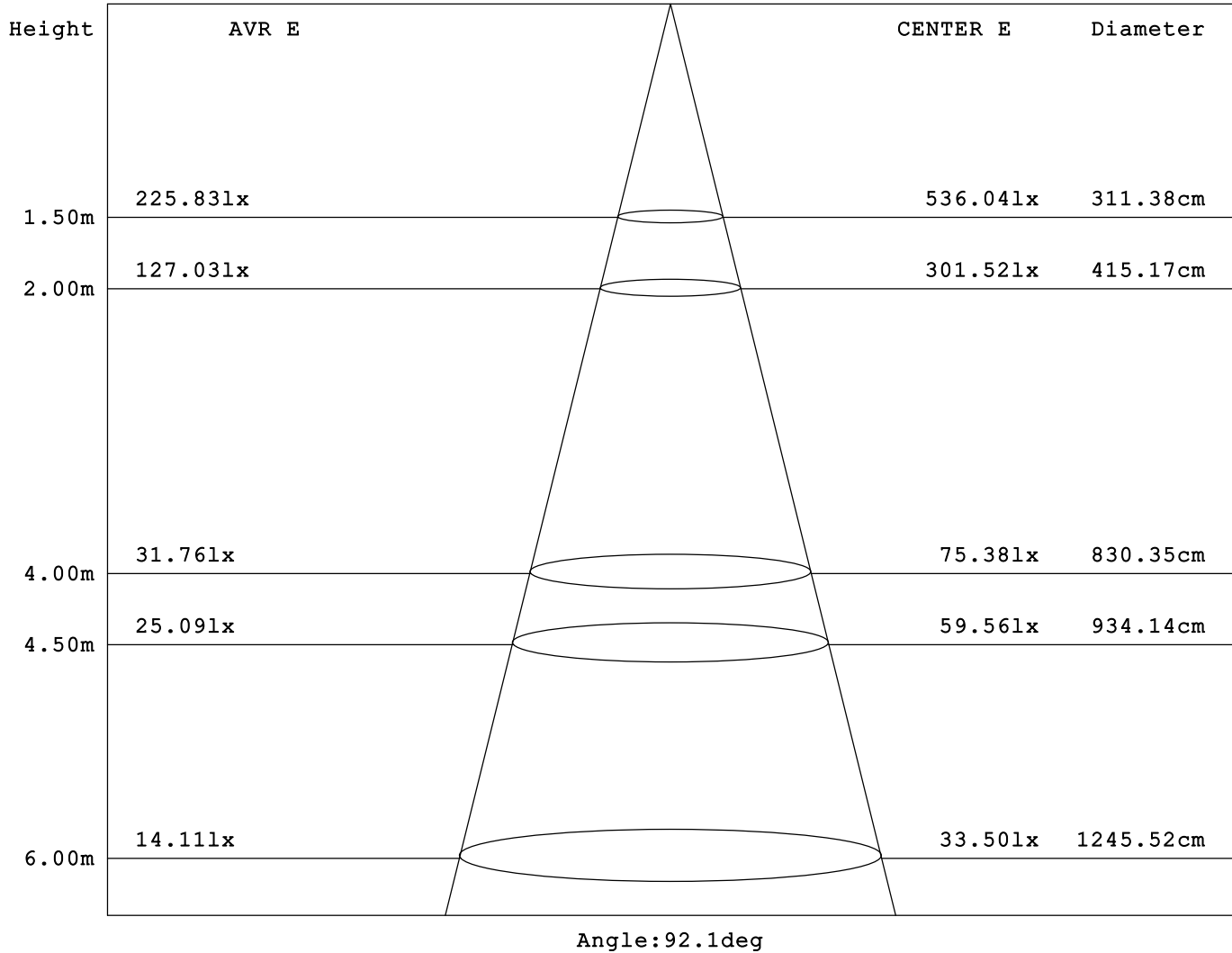
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

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 3K 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:8.000 m
 Remarks: 3000K

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 3K 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	1180	1163	1149	1158	1172	1173	1175	1180	0- 10	113.2	113.2
20.0	1094	1058	1026	1048	1078	1076	1073	1087	10- 20	316.6	429.9
30.0	956.8	903.4	856.4	889.5	936.3	928.3	918.2	941.7	20- 30	458.6	888.5
40.0	789.8	727.4	675.3	713.0	765.1	752.9	739.0	767.7	30- 40	519.3	1408
50.0	608.9	549.2	500.0	534.7	579.9	569.9	558.2	585.3	40- 50	502.0	1910
60.0	428.0	378.8	339.8	365.5	400.2	398.4	393.7	412.6	50- 60	424.3	2334
70.0	261.1	225.9	199.3	215.1	230.9	242.1	249.1	255.0	60- 70	308.1	2642
80.0	114.4	99.74	88.06	91.29	89.15	109.3	123.8	120.5	70- 80	176.7	2819
90.0	14.40	16.32	16.83	15.52	7.936	16.00	28.09	22.88	80- 90	62.24	2882
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

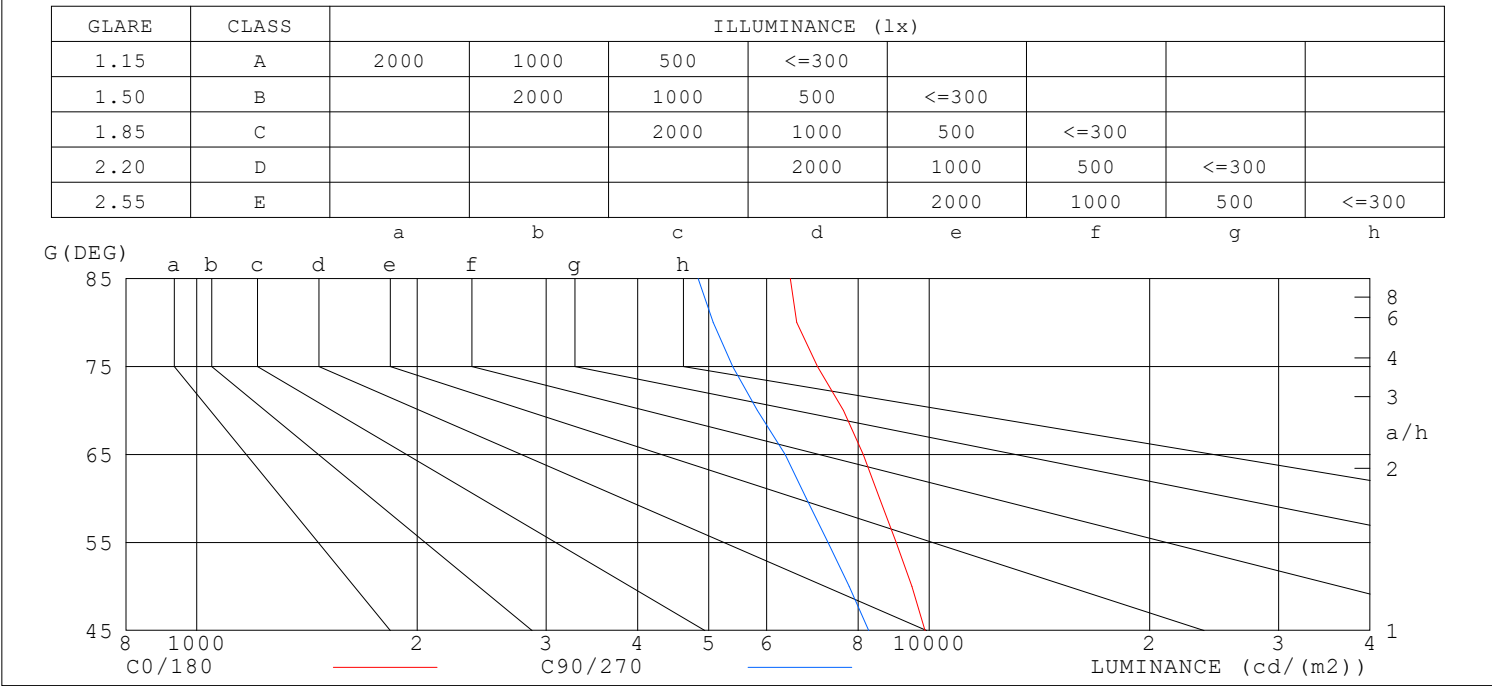
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATIC	TYPE: .5W 3K 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	6462	4839
80	6594	5071
75	7042	5393
70	7637	5829
65	8132	6363
60	8562	6797
55	9016	7276
50	9474	7779
45	9876	8272

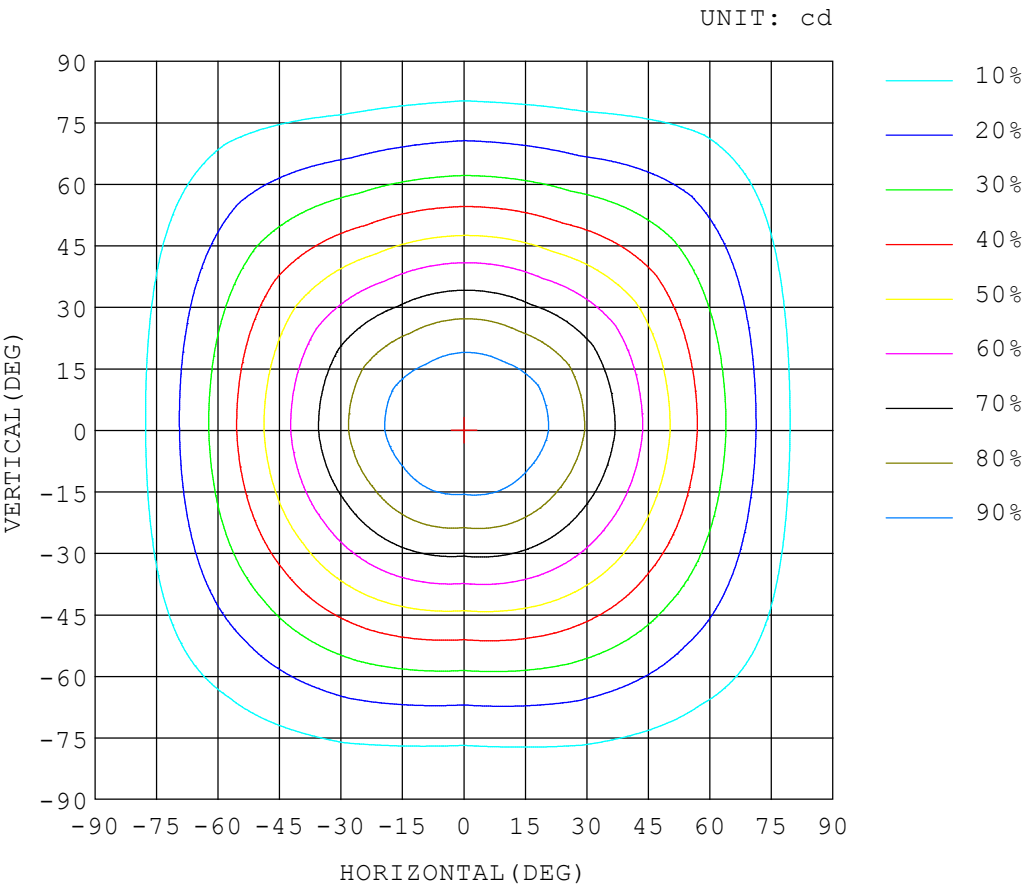
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:



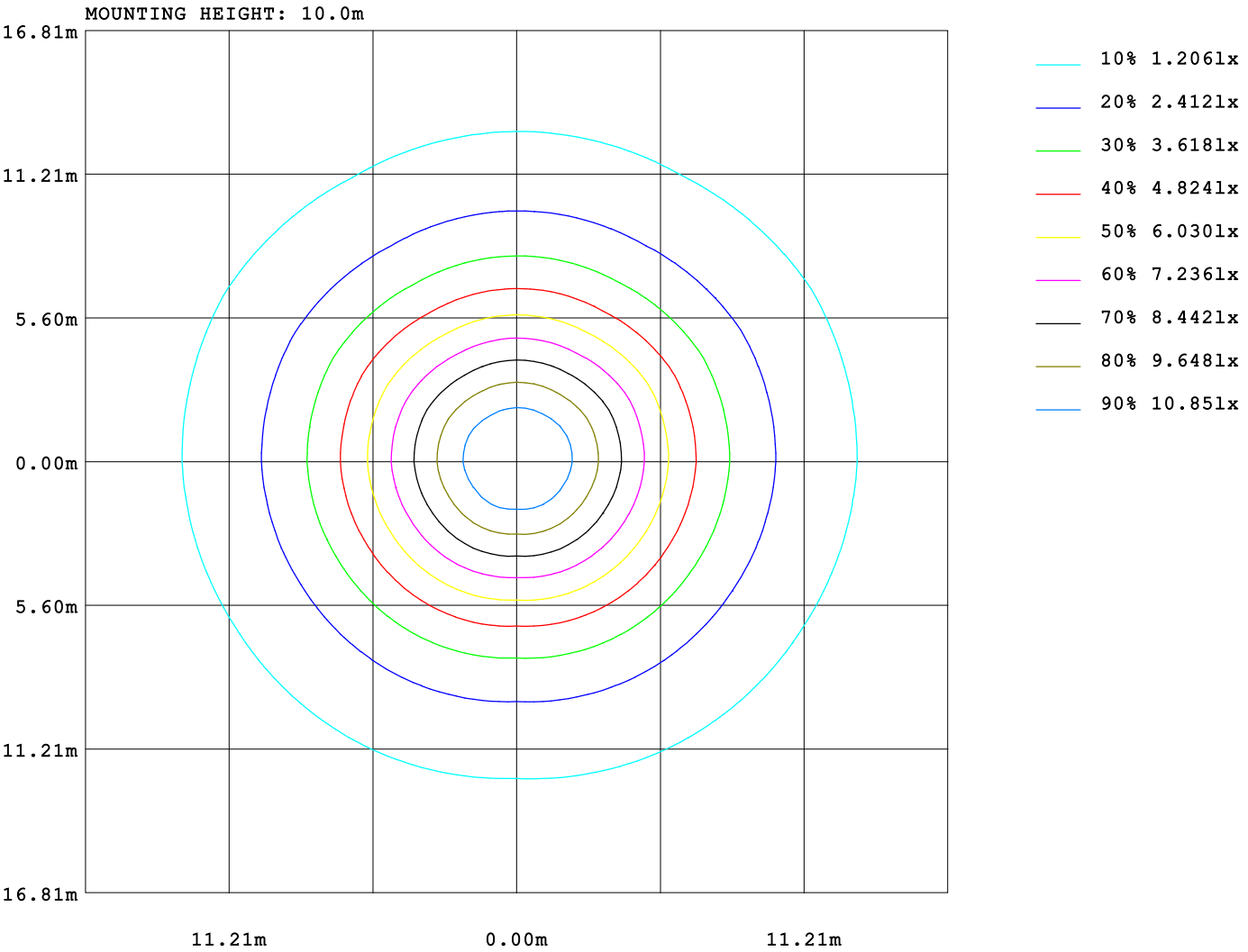
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 3K 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:8.000 m
Remarks: 3000K

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 3K CRI 90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*56*90 MM

SERIAL No.:

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.17	0.40	0.69	0.98	1.24	1.55	1.89	2.16	2.19	1.99	1.70	1.43	1.17	0.88	0.54	0.24	0.06	19.3	0.00		
80	0.05	0.32	0.89	1.69	2.53	3.34	4.14	4.93	5.46	5.50	5.05	4.32	3.56	2.77	1.93	1.08	0.43	0.08	48.1	37.2		
70	0.07	0.50	1.47	2.90	4.46	5.99	7.41	8.73	9.54	9.59	8.87	7.62	6.26	4.75	3.17	1.69	0.64	0.11	83.8	81.2		
60	0.09	0.69	2.08	4.22	6.61	9.01	11.1	13.1	14.2	14.2	13.2	11.4	9.32	6.94	4.53	2.33	0.85	0.13	124	123		
50	0.11	0.88	2.69	5.49	8.82	12.2	15.2	17.8	19.4	19.4	18.0	15.5	12.5	9.20	5.84	2.96	1.04	0.15	168	167		
40	0.12	1.04	3.22	6.63	10.9	15.3	19.4	22.7	24.8	24.9	22.9	19.8	15.8	11.3	7.01	3.53	1.22	0.17	211	210		
30	0.14	1.17	3.66	7.58	12.6	18.2	23.3	27.3	29.8	30.0	27.6	23.7	18.7	13.1	7.98	3.98	1.36	0.19	251	250		
VERTICAL (DEG)	0.15	1.26	3.96	8.24	13.8	20.1	26.3	31.0	33.7	33.9	31.4	26.8	20.7	14.3	8.68	4.31	1.46	0.20	281	280		
	0.15	1.30	4.10	8.57	14.4	21.1	27.7	32.9	35.8	35.9	33.3	28.1	21.7	14.9	9.04	4.46	1.51	0.20	296	295		
	0.15	1.28	4.06	8.48	14.2	20.8	27.3	32.5	35.5	35.6	32.8	27.8	21.4	14.8	8.94	4.42	1.49	0.20	292	292		
	0.14	1.22	3.83	7.96	13.3	19.3	25.3	30.1	32.8	32.9	30.5	25.7	19.9	13.8	8.39	4.17	1.42	0.19	271	271		
	0.13	1.11	3.45	7.13	11.8	17.0	22.2	26.3	28.5	28.5	26.6	22.6	17.5	12.3	7.53	3.77	1.29	0.18	238	238		
-30	0.12	0.96	2.95	6.06	9.97	14.3	18.4	21.6	23.2	23.3	21.9	18.8	14.7	10.3	6.42	3.24	1.13	0.16	198	197		
-40	0.10	0.79	2.37	4.84	7.95	11.3	14.4	16.7	17.8	17.8	16.9	14.7	11.6	8.30	5.15	2.62	0.94	0.14	155	154		
-50	0.08	0.59	1.76	3.54	5.88	8.34	10.5	12.0	12.7	12.7	12.2	10.7	8.62	6.18	3.81	1.98	0.74	0.12	113	111		
-60	0.06	0.41	1.16	2.33	3.86	5.52	6.94	7.84	8.21	8.25	7.96	7.12	5.74	4.10	2.55	1.35	0.53	0.10	74.1	70.1		
-70	0.05	0.24	0.63	1.26	2.11	3.01	3.77	4.19	4.34	4.37	4.28	3.90	3.18	2.29	1.44	0.79	0.34	0.07	40.3	24.6		
-80	0.03	0.13	0.27	0.48	0.77	1.10	1.34	1.44	1.46	1.48	1.50	1.43	1.20	0.88	0.57	0.35	0.18	0.05	14.6	0.00		
-90																						
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	1.77	14.0	43.0	88.1	145	208	267	314	340	341	317	272	214	152	93.9	47.6	16.8	2.51	2882			
Φ a	0.00	8.40	38.5	83.7	141	203	262	309	335	337	313	268	210	147	89.6	43.3	11.8	0.00		2809		

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

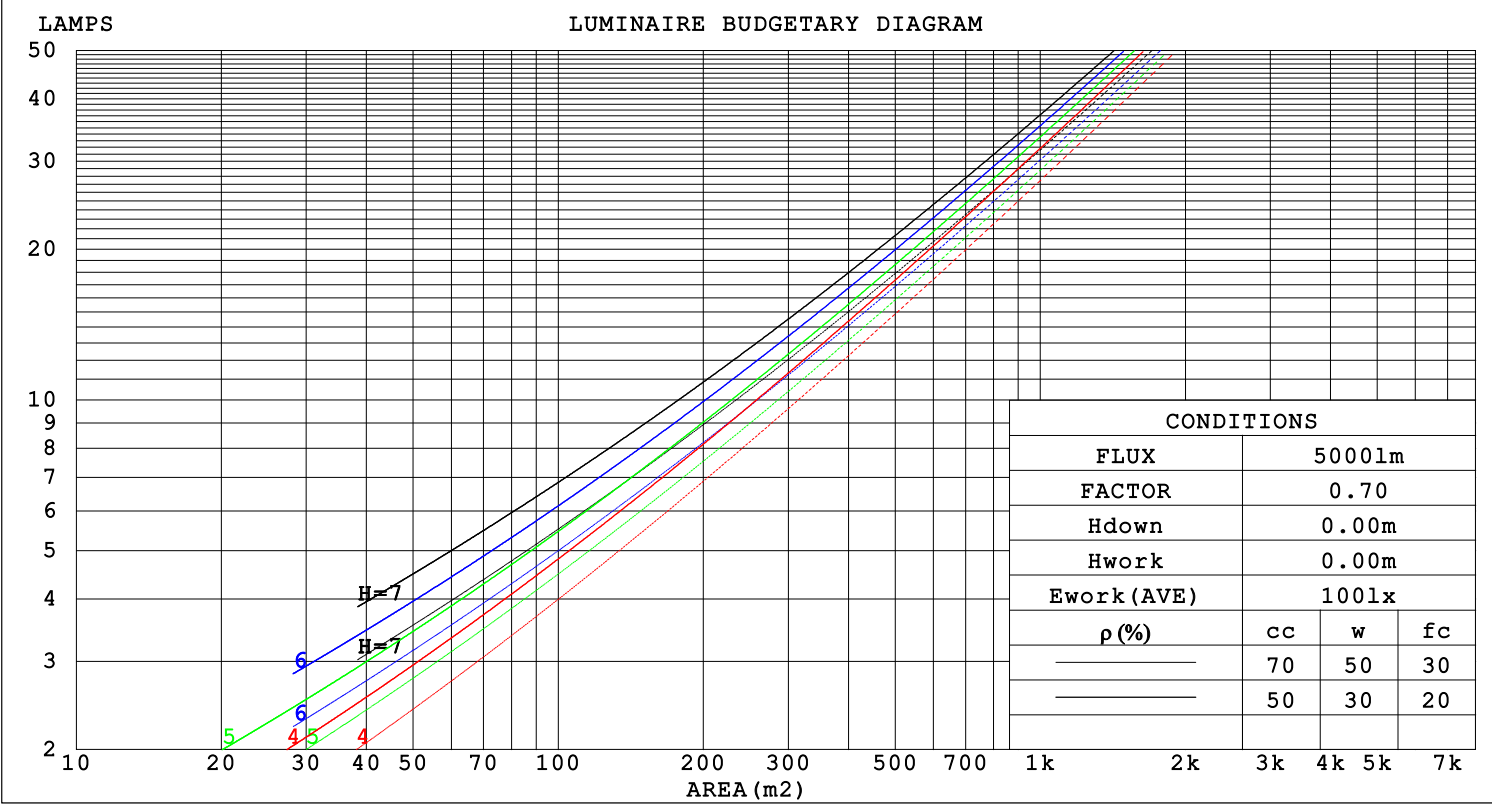
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

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 3K 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
pf _c	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	.60
4.0	.72	.63	.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	.59	.53	.48	.58	.52	.48	.46
6.0	.58	.50	.43	.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	.45	.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:8.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019														
NAME: VIRAJ 5690 PRISMATRIC								TYPE: .5W 3K 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	.161	.051	.268	.155	.050	.257	.149	.048	
2.0	.281	.154	.047	.275	.152	.047	.264	.147	.046	.253	.142	.044	.243	.137	.043	
3.0	.260	.139	.042	.255	.137	.041	.245	.133	.040	.235	.129	.040	.226	.125	.039	
4.0	.241	.125	.037	.236	.123	.036	.227	.120	.036	.218	.117	.035	.211	.114	.035	
5.0	.223	.114	.033	.219	.112	.033	.211	.110	.032	.203	.107	.032	.196	.105	.032	
6.0	.207	.104	.030	.203	.103	.030	.196	.101	.029	.190	.099	.029	.183	.097	.029	
7.0	.193	.096	.027	.190	.095	.027	.183	.093	.027	.177	.091	.026	.172	.089	.026	
8.0	.181	.088	.025	.178	.088	.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:8.000 m
Remarks: 3000K

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 3K 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	20.2	21.6	20.4	21.8	22.0	19.4	20.9	19.6	21.0	21.3	
	3H	21.5	22.9	21.8	23.1	23.4	20.6	22.0	20.9	22.2	22.4
	4H	22.1	23.4	22.4	23.6	23.9	21.1	22.4	21.4	22.6	22.9
	6H	22.5	23.7	22.8	24.0	24.3	21.5	22.7	21.8	23.0	23.2
	8H	22.6	23.8	23.0	24.1	24.4	21.6	22.7	21.9	23.0	23.3
	12H	22.7	23.9	23.1	24.2	24.5	21.6	22.8	22.0	23.0	23.3
4H	2H	20.6	21.9	20.9	22.1	22.4	20.0	21.3	20.3	21.5	21.8
	3H	22.1	23.3	22.5	23.6	23.9	21.4	22.6	21.8	22.9	23.2
	4H	22.8	23.8	23.2	24.2	24.5	22.1	23.1	22.4	23.4	23.7
	6H	23.4	24.3	23.8	24.6	25.0	22.6	23.5	23.0	23.8	24.2
	8H	23.5	24.4	23.9	24.8	25.1	22.7	23.5	23.1	23.9	24.3
	12H	23.7	24.5	24.1	24.9	25.3	22.8	23.6	23.2	24.0	24.4
8H	4H	23.0	23.9	23.4	24.2	24.6	22.3	23.2	22.8	23.6	23.9
	6H	23.7	24.4	24.1	24.8	25.2	23.0	23.7	23.4	24.1	24.5
	8H	23.9	24.5	24.4	25.0	25.4	23.2	23.9	23.7	24.3	24.7
	12H	24.1	24.7	24.6	25.1	25.6	23.4	24.0	23.9	24.4	24.9
12H	4H	23.0	23.8	23.4	24.2	24.6	22.3	23.1	22.8	23.5	23.9
	6H	23.7	24.3	24.2	24.8	25.2	23.0	23.7	23.5	24.1	24.6
	8H	24.0	24.5	24.5	25.0	25.5	23.3	23.9	23.8	24.3	24.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.4 / - 0.4					+ 0.2 / - 0.5					

CIE Pub.117 Corrected 2882 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

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:8.000 m
 Remarks: 3000K

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 3K 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		

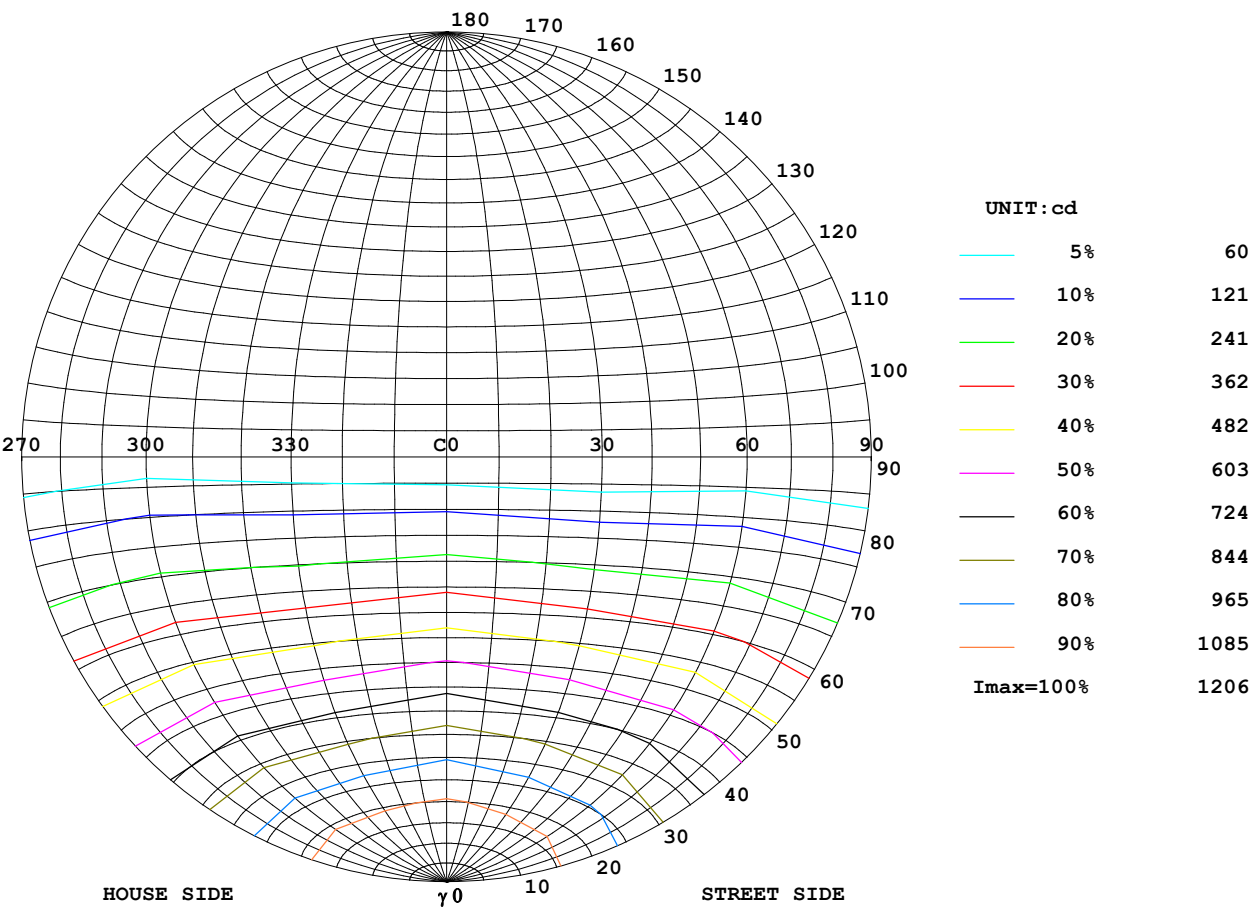
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-08-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 3K 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

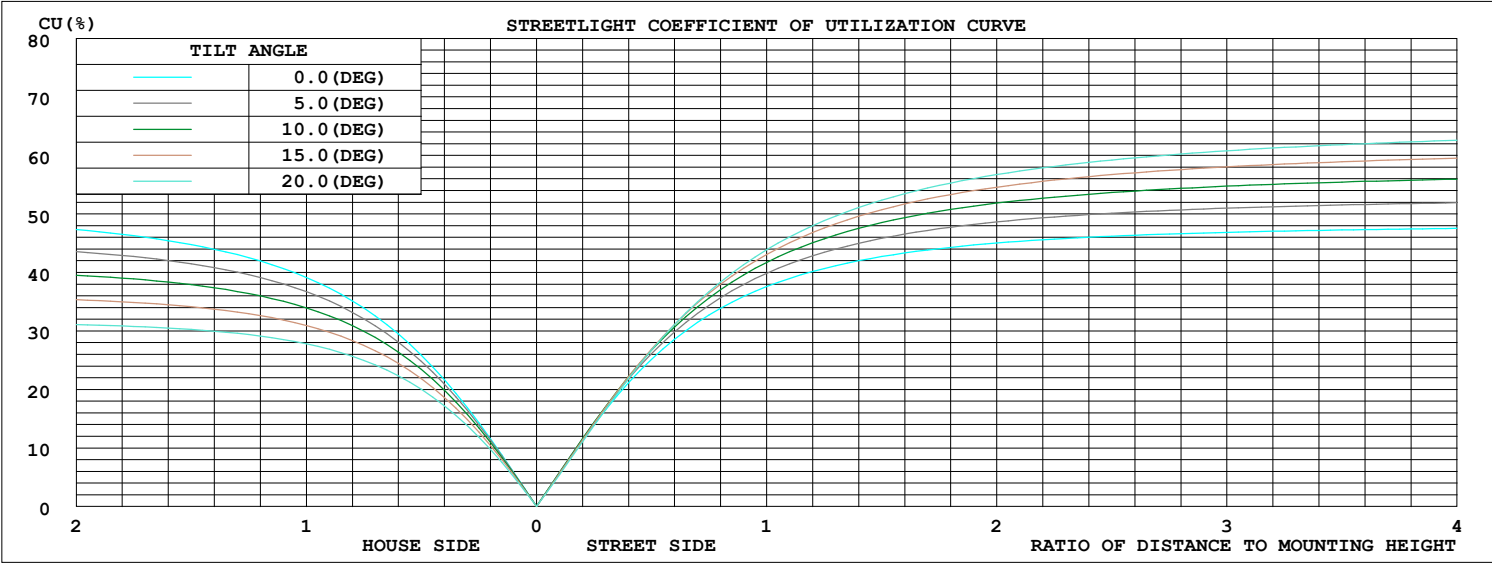
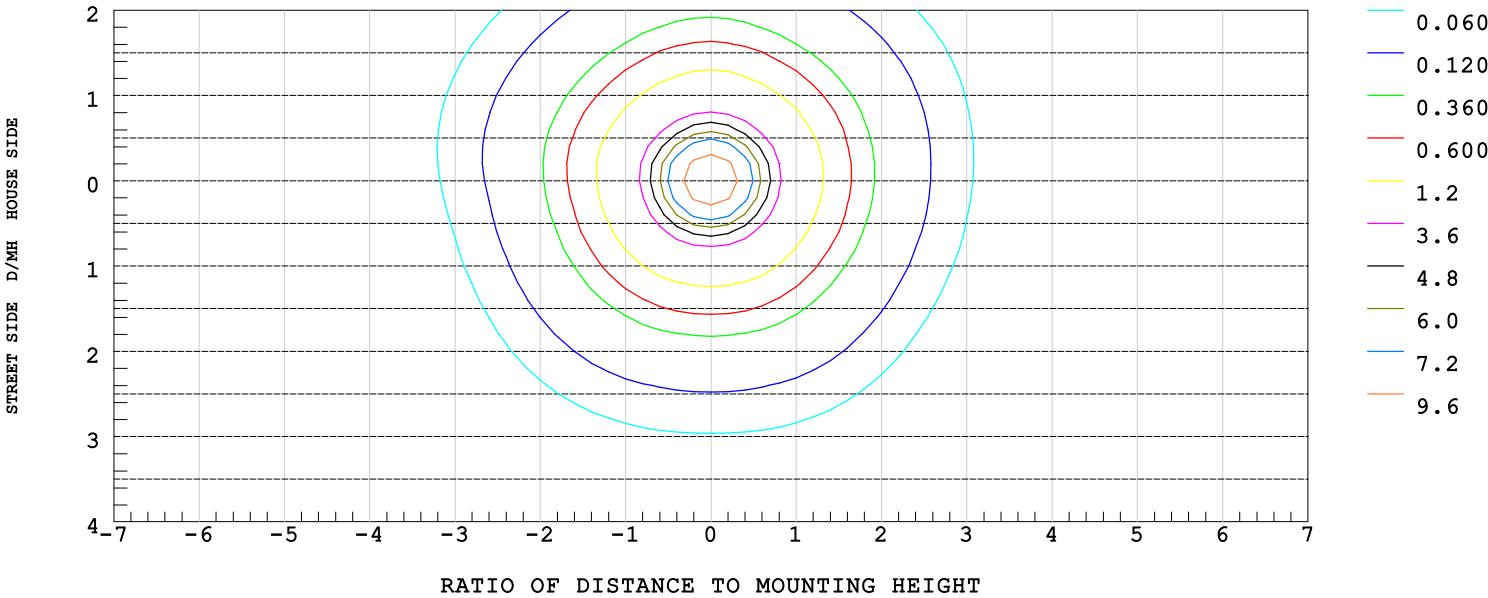
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*56*90 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 12.06 lx



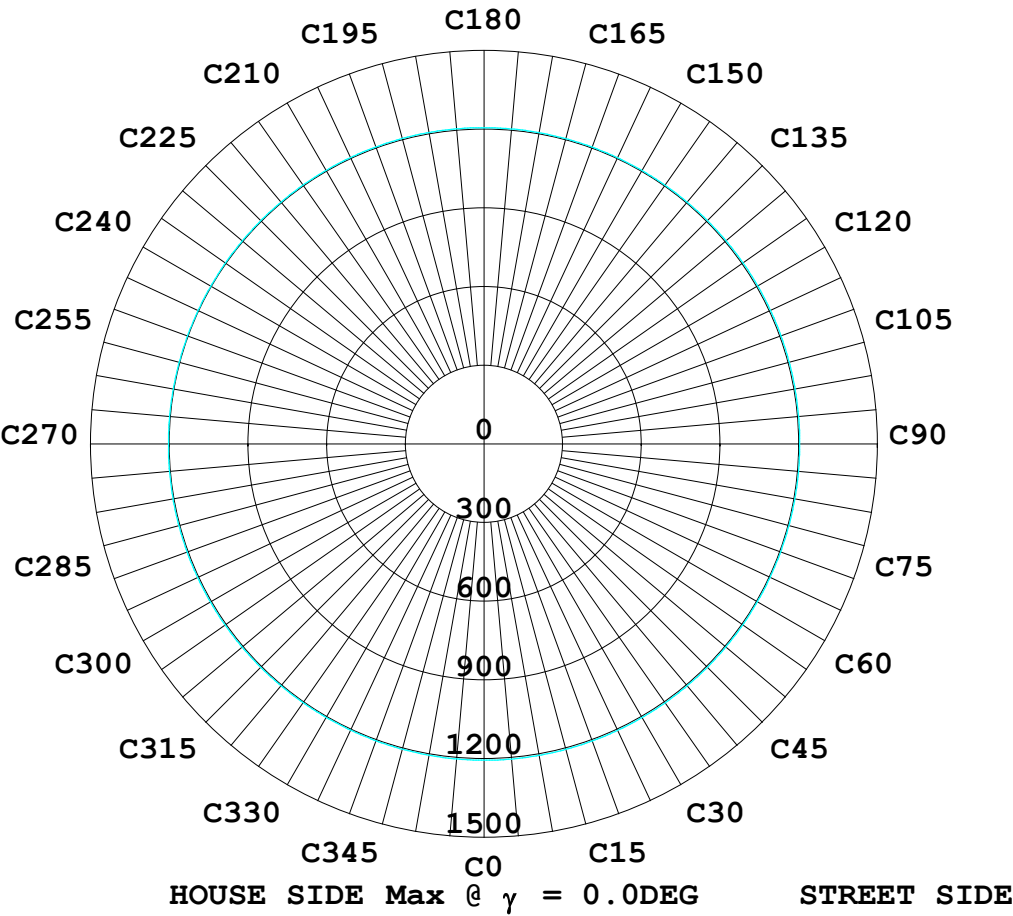
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 5690 PRISMATRIC	TYPE: .5W 3K 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:8.000 m
Remarks: 3000K

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 3K 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	1206	1205	1204	1204	1205	1204	1206	1205	1204	1204	1205	1204
5.0	1202	1194	1192	1185	1191	1191	1197	1199	1197	1199	1201	1203
10.0	1180	1167	1159	1149	1157	1159	1172	1175	1170	1175	1176	1183
15.0	1143	1123	1110	1094	1105	1112	1132	1138	1127	1132	1135	1148
20.0	1094	1067	1049	1026	1042	1053	1078	1084	1067	1073	1076	1098
25.0	1031	998	972	945	965	981	1013	1020	996	1000	1005	1038
30.0	957	918	889	856	879	900	936	944	913	918	921	962
35.0	877	834	802	767	793	814	852	860	824	829	833	880
40.0	790	744	711	675	702	724	765	773	733	739	743	793
45.0	698	653	621	585	611	632	673	682	641	647	651	703
50.0	609	564	535	500	526	544	580	590	550	558	559	611
55.0	517	474	450	417	442	455	490	502	465	475	474	522
60.0	428	388	370	340	362	369	400	415	382	394	390	435
65.0	344	307	296	269	289	290	314	332	303	318	312	351
70.0	261	226	226	199	219	211	231	255	229	249	238	272
75.0	182	156	160	140	154	143	156	180	164	182	172	196
80.0	114	95.8	104	88.0	98.3	84.2	89.1	114	105	124	112	129
85.0	56.3	44.7	53.8	42.1	49.0	35.2	36.7	58.3	55.1	72.9	62.0	71.6
90.0	14.4	12.0	20.6	16.8	19.9	11.1	7.93	14.7	17.2	28.0	22.4	23.2

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:8.000 m
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