

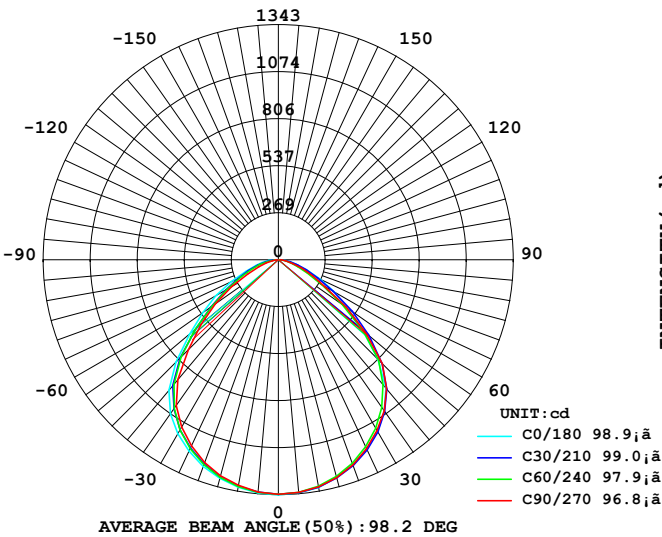
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

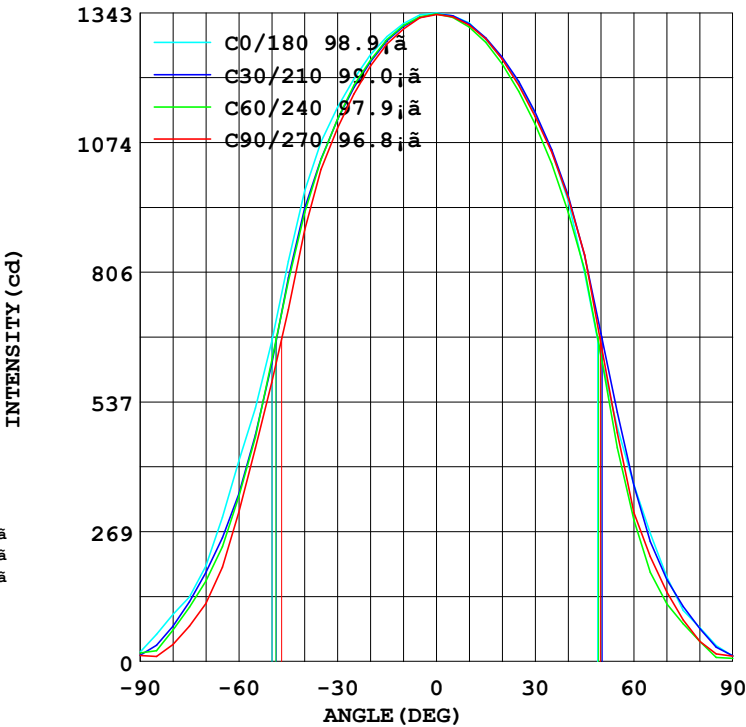
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1343	S/MH (C0/180)	1.27
MODEL	VIRAJ 50 SILDER	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3115.6	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	110.5	Current (A)	0.131
NOMINAL FLUX (lm)	3115.6	η up (%)	0.0	Power (W)	28.20
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.988
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	3014.9	EEI	0.127

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:10.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 MM	SERIAL No.:

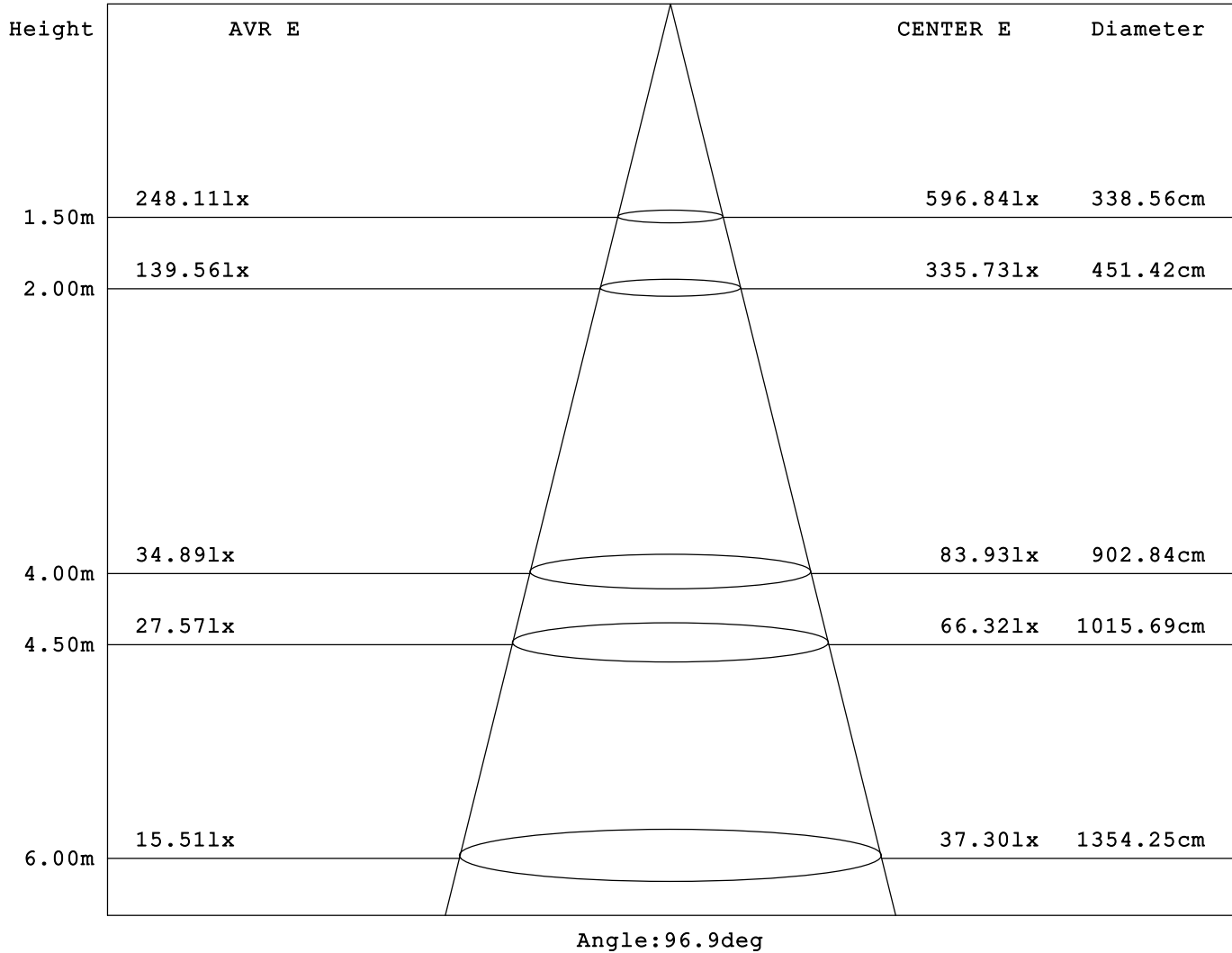
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 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:10.000 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1321	1316	1310	1313	1322	1317	1317	1316	0- 10	126.7	126.7
20.0	1256	1244	1233	1237	1248	1244	1247	1245	10- 20	362.7	489.5
30.0	1148	1123	1105	1113	1133	1125	1129	1129	20- 30	548.2	1038
40.0	974.4	933.7	893.4	919.0	955.2	948.6	960.9	956.2	30- 40	650.6	1688
50.0	662.2	619.2	577.7	596.0	630.2	656.1	657.5	670.5	40- 50	613.9	2302
60.0	414.5	343.3	308.2	312.2	365.1	328.3	307.6	345.3	50- 60	428.7	2731
70.0	197.3	174.9	119.7	159.2	174.5	143.9	143.3	153.7	60- 70	239.0	2970
80.0	97.00	68.69	34.70	57.45	69.90	54.75	41.40	60.29	70- 80	112.1	3082
90.0	19.50	15.45	12.30	14.75	10.80	8.850	10.70	8.650	80- 90	33.24	3116
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

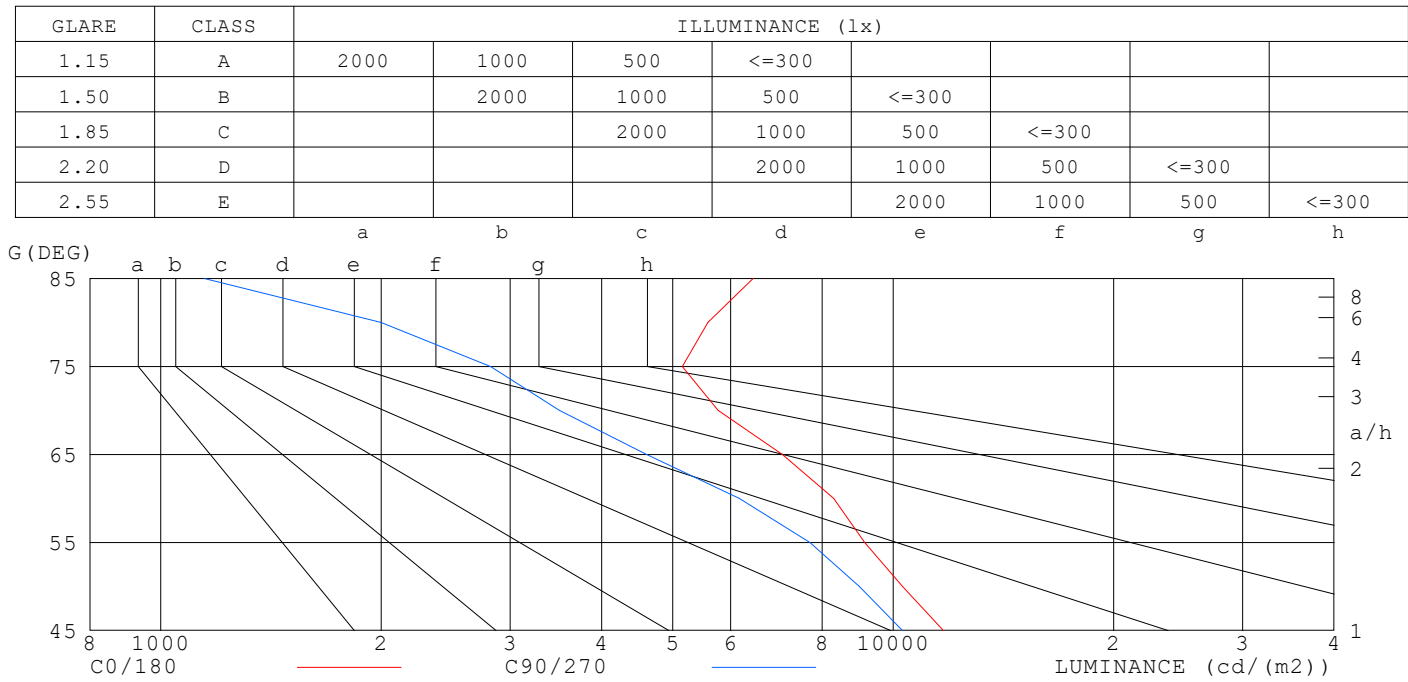
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	6437	1147
80	5586	1998
75	5154	2821
70	5772	3503
65	7061	4609
60	8292	6166
55	9146	7697
50	10302	8987
45	11720	10304

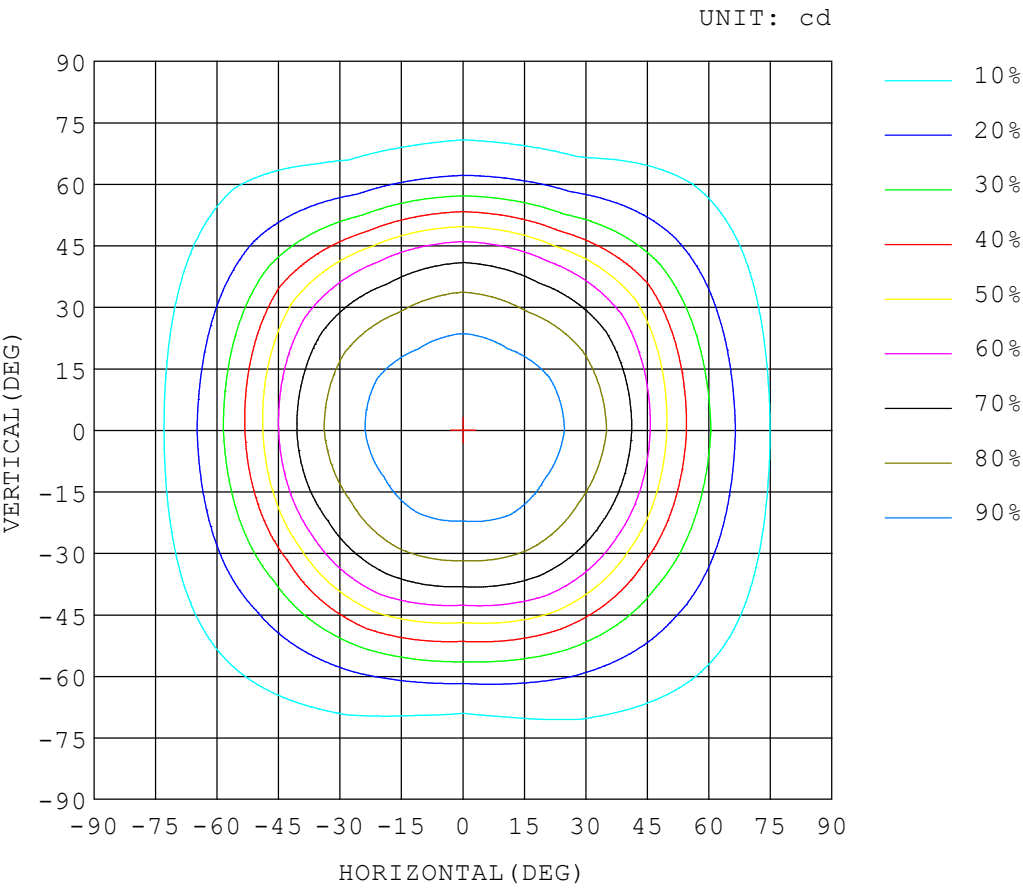
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 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%

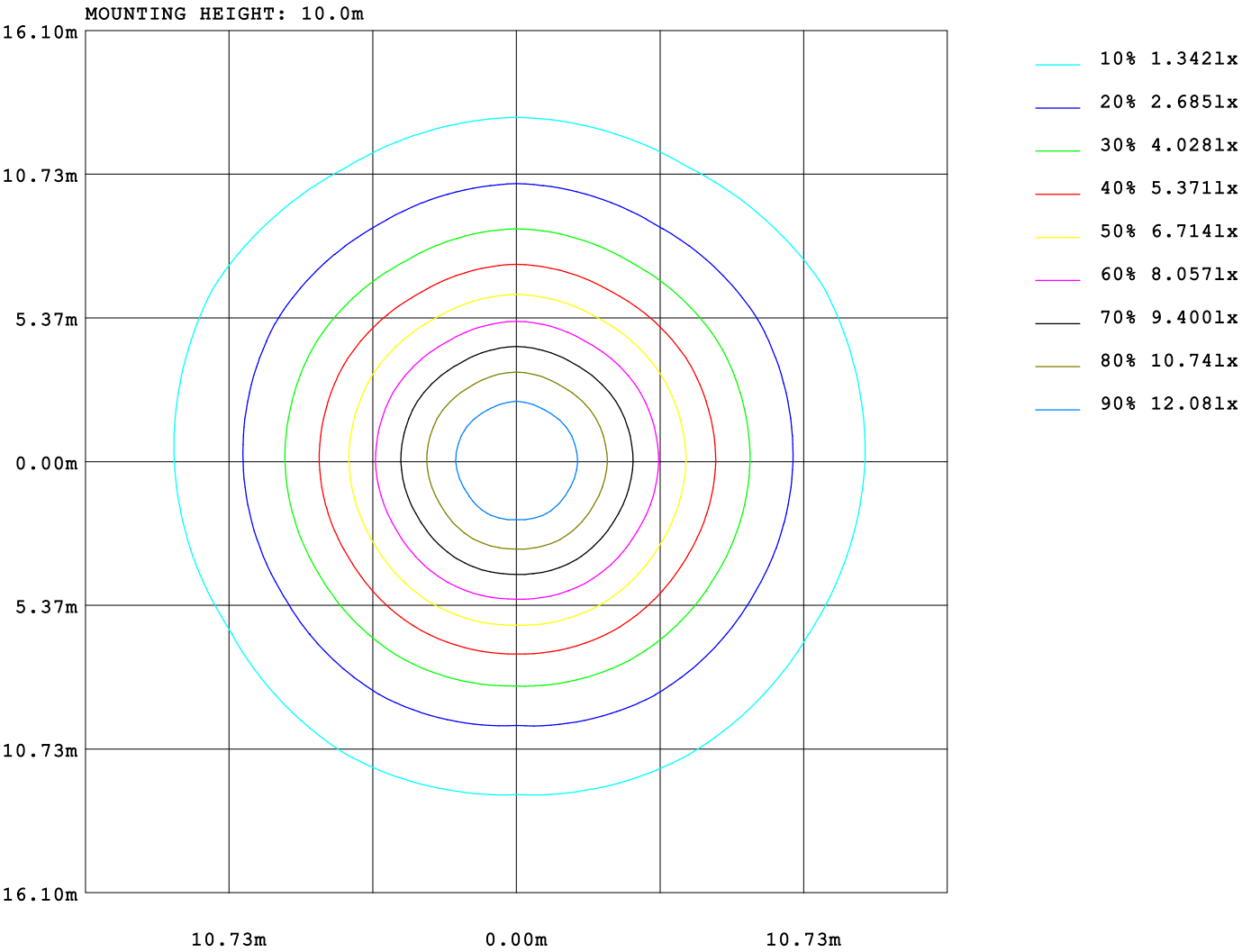
Test Distance:10.000 m

Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 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:10.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 50 SILDER

TYPE: .5W 4K CRI 90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*50*75 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a			
	0.04	0.13	0.25	0.34	0.38	0.37	0.40	0.52	0.61	0.62	0.55	0.44	0.42	0.45	0.42	0.32	0.19	0.06	6.50	0.00						
90																										
80																										
70	0.05	0.22	0.52	0.93	1.30	1.59	1.90	2.32	2.62	2.66	2.41	2.03	1.73	1.43	1.06	0.67	0.32	0.08	23.8	0.37						
60	0.06	0.34	0.93	1.79	2.65	3.47	4.35	5.61	6.48	6.55	5.81	4.64	3.72	2.82	1.90	1.07	0.47	0.10	52.8	38.3						
50	0.07	0.48	1.35	2.82	4.64	6.89	9.39	12.2	14.1	14.1	12.3	9.67	7.28	4.98	3.01	1.52	0.62	0.12	106	102						
40	0.09	0.60	1.83	4.14	7.72	12.3	17.3	21.8	24.5	24.5	21.9	17.5	12.7	8.14	4.47	2.02	0.76	0.14	183	180						
30	0.10	0.71	2.35	5.67	11.3	18.2	24.4	28.7	31.3	31.4	28.8	24.6	18.6	11.8	6.13	2.60	0.88	0.15	248	246						
	0.11	0.82	2.85	7.11	14.3	22.5	28.8	33.1	35.7	35.7	33.2	29.0	22.9	14.8	7.67	3.16	0.99	0.17	293	292						
	0.12	0.89	3.24	8.15	16.2	24.9	31.5	36.1	38.5	38.5	36.1	31.7	25.3	16.7	8.77	3.62	1.08	0.18	322	321						
	0.12	0.93	3.47	8.62	17.1	26.0	32.7	37.6	40.1	40.1	37.7	33.0	26.4	17.7	9.29	3.90	1.13	0.18	336	335						
	0.12	0.93	3.44	8.46	16.9	25.8	32.5	37.3	40.0	40.1	37.5	32.8	26.2	17.4	9.15	3.88	1.13	0.18	334	333						
	0.12	0.89	3.18	7.70	15.4	24.2	30.9	35.8	38.4	38.5	36.1	31.3	24.7	16.0	8.39	3.58	1.08	0.18	317	316						
-30	0.11	0.80	2.78	6.53	12.8	21.2	28.2	33.0	35.4	35.4	33.3	28.6	21.8	13.5	7.19	3.13	1.00	0.17	285	284						
-40	0.10	0.69	2.29	5.17	9.74	16.6	23.5	28.2	30.4	30.5	28.4	23.9	17.2	10.4	5.74	2.59	0.88	0.15	237	235						
-50	0.08	0.58	1.77	3.86	6.92	11.4	16.7	20.5	22.2	22.2	20.7	17.0	12.0	7.56	4.31	2.05	0.75	0.13	171	169						
-60	0.07	0.44	1.28	2.73	4.65	7.02	9.77	12.1	13.3	13.4	12.4	10.3	7.60	5.10	3.07	1.54	0.61	0.12	106	102						
-70	0.06	0.30	0.83	1.70	2.84	4.07	5.21	5.95	6.26	6.34	6.16	5.50	4.40	3.16	1.98	1.06	0.45	0.10	56.4	46.6						
-80	0.05	0.18	0.41	0.81	1.37	1.96	2.39	2.51	2.41	2.45	2.64	2.59	2.19	1.62	1.05	0.62	0.31	0.08	25.6	0.34						
-90	0.04	0.12	0.20	0.29	0.42	0.57	0.65	0.63	0.56	0.58	0.69	0.73	0.68	0.56	0.42	0.31	0.19	0.06	7.70	0.00						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	1.48	10.0	33.0	76.8	147	230	301	355	383	384	357	306	236	155	84.1	37.7	12.8	2.33	3116							
Φ a	0.00	1.85	25.8	70.4	141	223	295	348	377	378	351	299	230	148	77.7	30.7	3.93	0.00		3015						

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:10.000 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 50 SILDER

TYPE: .5W 4K CRI 90

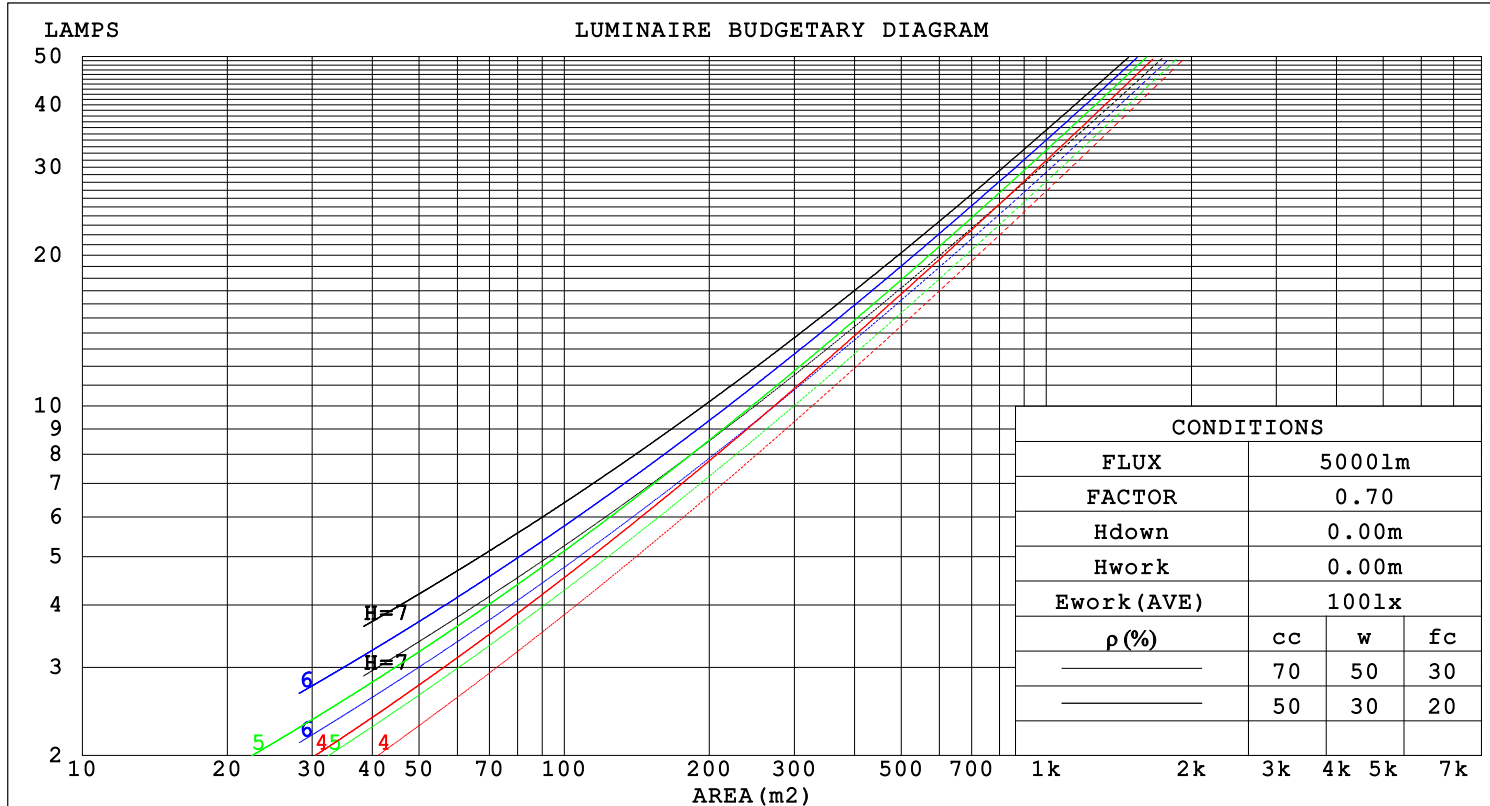
WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*50*75 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	1.06	1.02	.99	1.04	1.00	.97	.00	.97	.94	.96	.94	.91	.92	.90	.89	.87												
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.86	.82	.78	.83	.79	.77	.75												
3.0	.84	.76	.71	.82	.75	.70	.79	.74	.69	.77	.72	.68	.74	.70	.66	.64												
4.0	.75	.67	.61	.74	.66	.61	.71	.65	.60	.69	.63	.59	.67	.62	.58	.56												
5.0	.68	.59	.53	.67	.59	.53	.64	.58	.52	.63	.57	.52	.61	.56	.51	.49												
6.0	.61	.53	.47	.60	.52	.47	.59	.52	.46	.57	.51	.46	.55	.50	.46	.44												
7.0	.56	.48	.42	.55	.47	.42	.54	.47	.41	.52	.46	.41	.51	.45	.41	.39												
8.0	.51	.43	.38	.50	.43	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35												
9.0	.47	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.33	.32												
10.0	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.40	.35	.30	.29												



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:10.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 50 SILDER

TYPE: .5W 4K CRI 90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*50*75 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	.268	.152	.048	.261	.149	.047	.248	.142	.045	.236	.136	.044	.225	.130	.042	
2.0	.257	.141	.043	.251	.138	.043	.239	.133	.041	.229	.128	.040	.219	.124	.039	
3.0	.241	.129	.038	.236	.126	.038	.226	.123	.037	.217	.119	.036	.208	.115	.036	
4.0	.226	.117	.035	.221	.116	.034	.212	.113	.034	.204	.110	.033	.197	.107	.033	
5.0	.211	.108	.031	.207	.106	.031	.199	.104	.031	.192	.101	.030	.185	.099	.030	
6.0	.198	.099	.028	.194	.098	.028	.187	.096	.028	.181	.094	.028	.175	.092	.027	
7.0	.186	.092	.026	.183	.091	.026	.176	.089	.026	.171	.087	.025	.165	.086	.025	
8.0	.175	.085	.024	.172	.085	.024	.166	.083	.024	.161	.082	.024	.156	.080	.023	
9.0	.165	.080	.022	.162	.079	.022	.157	.078	.022	.152	.076	.022	.148	.075	.022	
10.0	.156	.075	.021	.153	.074	.021	.149	.073	.021	.145	.072	.020	.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	.177	.157	.138	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.098	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.159	.114	.078	.136	.098	.068	.094	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.151	.100	.062	.130	.087	.054	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.124	.078	.043	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.112	.064	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.124	.069	.030	.107	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.102	.055	.023	.071	.039	.016	.041	.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:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 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	20.1	21.5	20.3	21.6	21.8	19.4	20.8	19.7	21.0	21.2
3H	20.9	22.1	21.1	22.4	22.6	19.9	21.1	20.2	21.4	21.6
4H	21.2	22.4	21.5	22.6	22.9	20.0	21.2	20.3	21.5	21.7
6H	21.5	22.7	21.8	22.9	23.2	20.0	21.2	20.4	21.4	21.7
8H	21.7	22.8	22.0	23.0	23.3	20.0	21.1	20.3	21.4	21.7
12H	21.8	22.8	22.1	23.1	23.4	20.0	21.0	20.3	21.3	21.6
4H 2H	20.3	21.5	20.6	21.7	22.0	19.7	20.9	20.0	21.2	21.4
3H	21.3	22.3	21.6	22.6	22.9	20.4	21.5	20.8	21.8	22.1
4H	21.7	22.7	22.1	23.0	23.3	20.7	21.6	21.0	22.0	22.3
6H	22.2	23.0	22.6	23.4	23.7	20.8	21.6	21.2	22.0	22.3
8H	22.4	23.2	22.8	23.5	23.9	20.8	21.5	21.2	21.9	22.3
12H	22.6	23.3	23.0	23.7	24.1	20.7	21.5	21.2	21.8	22.2
8H 4H	21.8	22.6	22.2	23.0	23.3	20.9	21.6	21.3	22.0	22.4
6H	22.4	23.0	22.8	23.4	23.8	21.1	21.7	21.5	22.1	22.5
8H	22.6	23.2	23.1	23.6	24.1	21.0	21.6	21.5	22.0	22.5
12H	22.9	23.4	23.3	23.8	24.3	21.1	21.5	21.5	22.0	22.5
12H 4H	21.8	22.5	22.2	22.9	23.3	20.9	21.6	21.3	22.0	22.4
6H	22.3	22.9	22.8	23.3	23.8	21.1	21.6	21.5	22.1	22.5
8H	22.6	23.1	23.1	23.6	24.0	21.1	21.6	21.6	22.0	22.5

Variations with the observer position at spacings:

S = 1.0H	+ 0.3 / - 0.3	+ 0.5 / - 0.6
1.5H	+ 0.2 / - 0.3	+ 0.3 / - 0.3
2.0H	+ 0.7 / - 0.7	+ 1.0 / - 1.5

CIE Pub.117 Corrected 3116 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

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:10.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 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) $k(RI) \times RCR = 5$									
$k = 0.60$	63	52	46	62	52	46	61	51	45	39
0.80	73	63	56	72	62	56	70	61	55	49
1.00	81	72	65	80	71	65	78	72	64	58
1.25	88	79	73	87	78	72	84	77	72	65
1.50	93	84	78	91	83	78	88	82	77	70
2.00	99	92	86	97	90	85	94	88	84	77
2.50	102	95	90	100	94	89	97	91	87	80
3.00	105	99	94	103	98	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

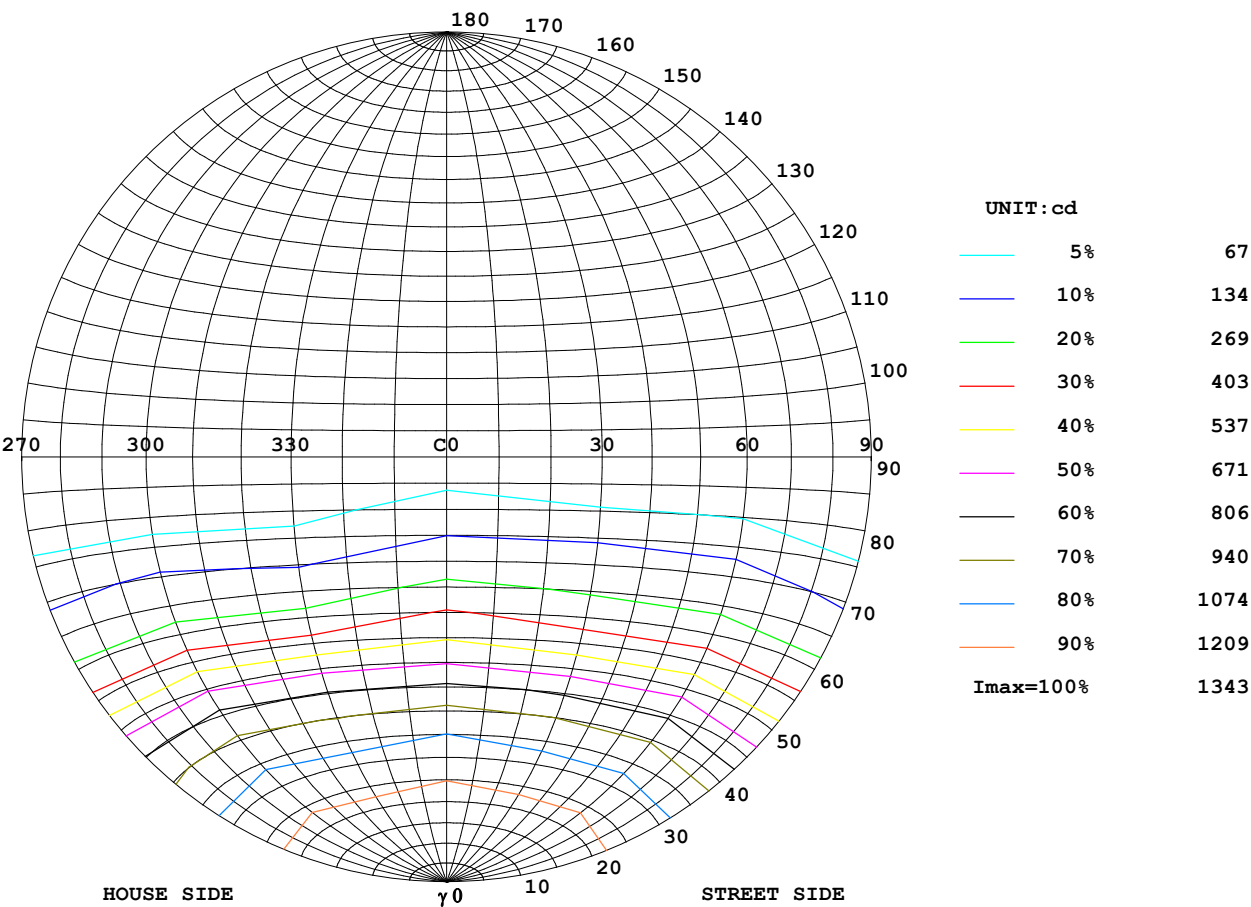
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-10-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 MM	SERIAL No.:



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

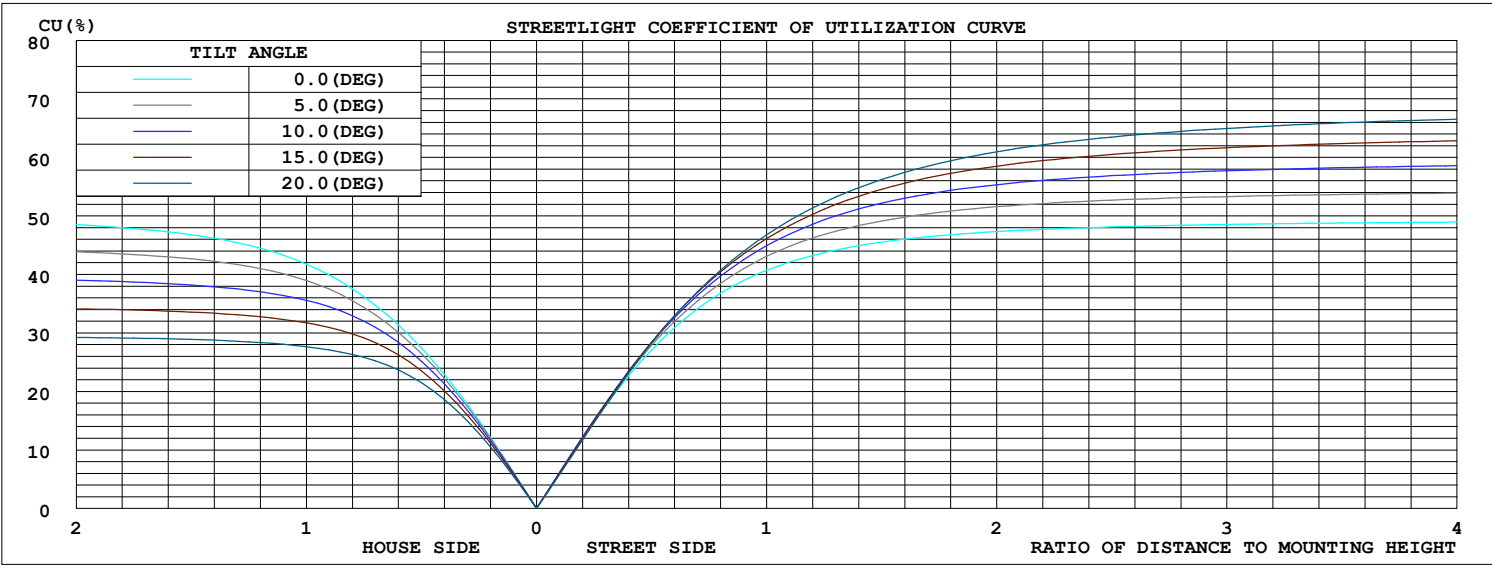
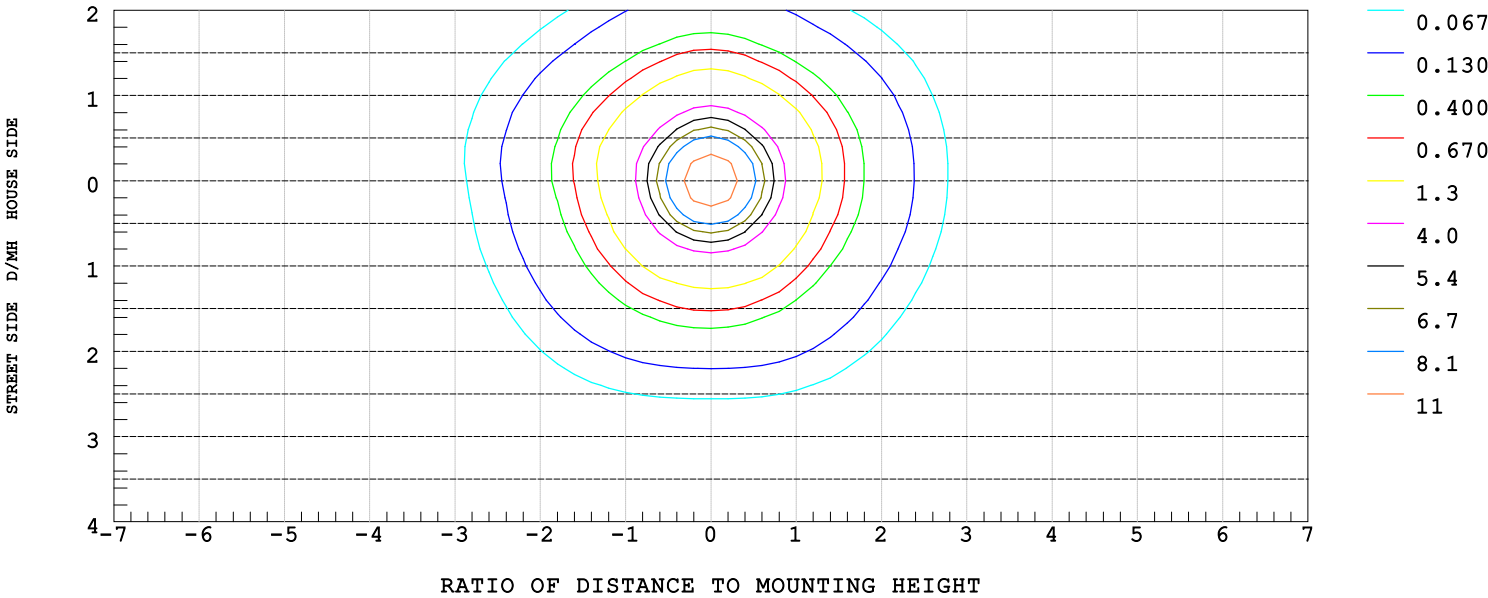
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 13.43 lx



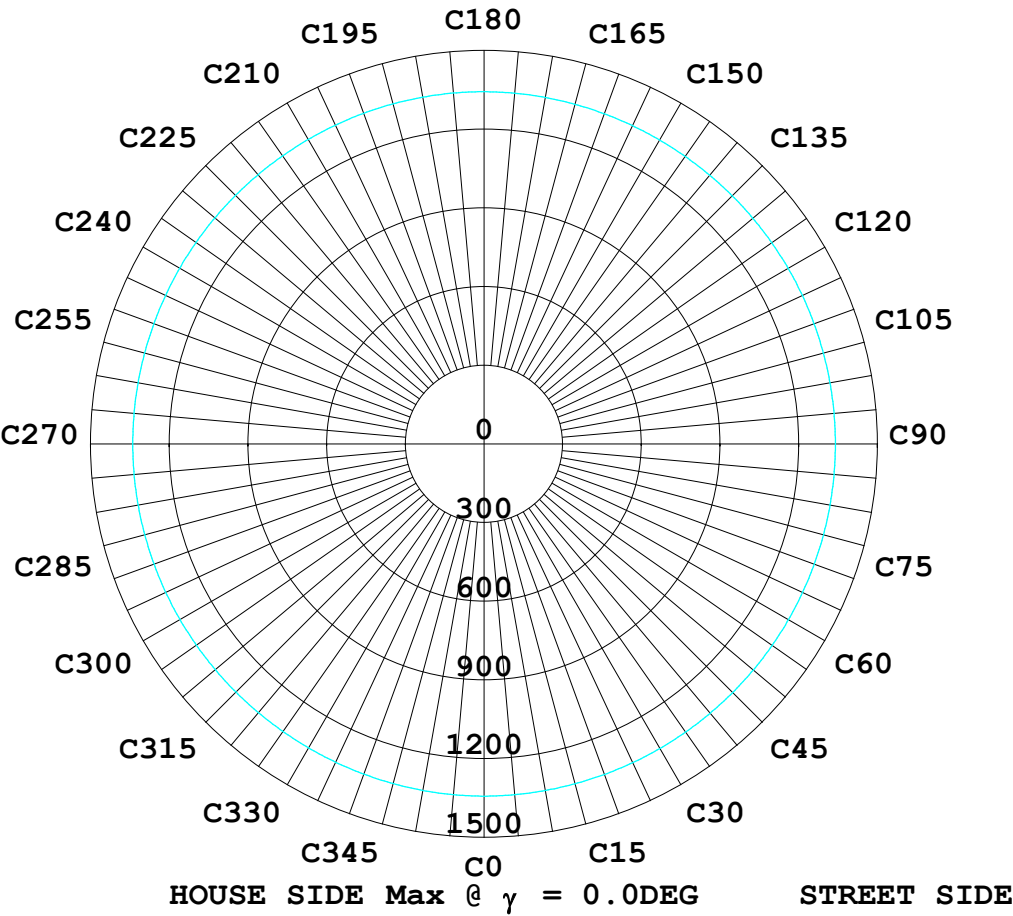
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-10-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 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:10.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 50 SILDER	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*50*75 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1343	1341	1340	1339	1339	1338	1343	1341	1340	1339	1339	1338
5.0	1338	1333	1335	1333	1333	1331	1337	1337	1333	1335	1331	1335
10.0	1321	1315	1317	1310	1316	1310	1322	1320	1314	1317	1312	1319
15.0	1294	1285	1288	1278	1284	1279	1288	1291	1281	1289	1280	1292
20.0	1256	1242	1245	1233	1240	1233	1248	1251	1237	1247	1236	1254
25.0	1206	1188	1193	1175	1185	1179	1197	1201	1180	1193	1182	1204
30.0	1148	1123	1123	1105	1118	1109	1133	1137	1113	1129	1116	1142
35.0	1075	1040	1038	1019	1029	1024	1056	1060	1031	1055	1034	1067
40.0	974	938	929	893	920	918	955	966	931	961	937	976
45.0	829	794	788	729	779	768	804	840	810	842	815	855
50.0	662	616	623	578	615	577	630	679	634	658	640	701
55.0	525	469	464	442	457	433	484	516	442	474	448	540
60.0	415	346	341	308	310	314	365	364	293	308	306	385
65.0	298	256	237	195	228	230	265	248	184	217	199	268
70.0	197	184	166	120	154	164	175	169	119	143	128	180
75.0	133	124	112	73.0	104	107	105	114	78.0	86.0	84.4	120
80.0	97.0	72.5	64.8	34.7	57.7	57.2	69.9	67.7	41.7	41.4	45.5	75.0
85.0	56.0	33.3	22.5	10.0	18.6	18.7	33.0	29.4	8.50	15.9	10.2	39.0
90.0	19.5	13.2	17.7	12.3	17.2	12.3	10.8	11.7	6.00	10.7	5.70	11.5

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:10.000 m
Remarks: 4000K