

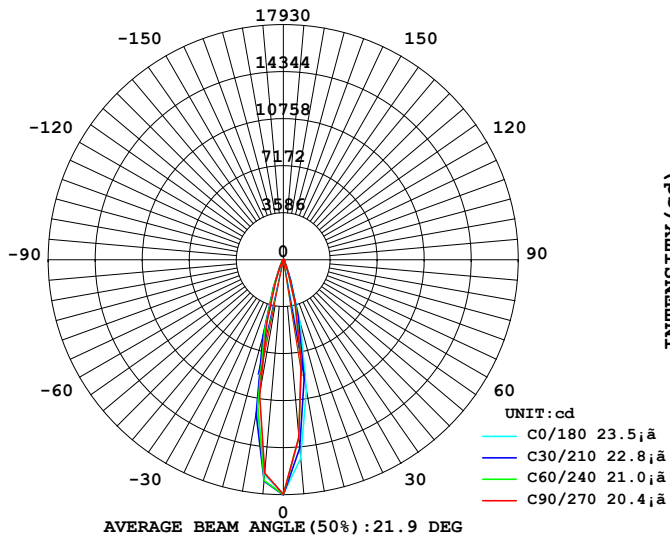
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

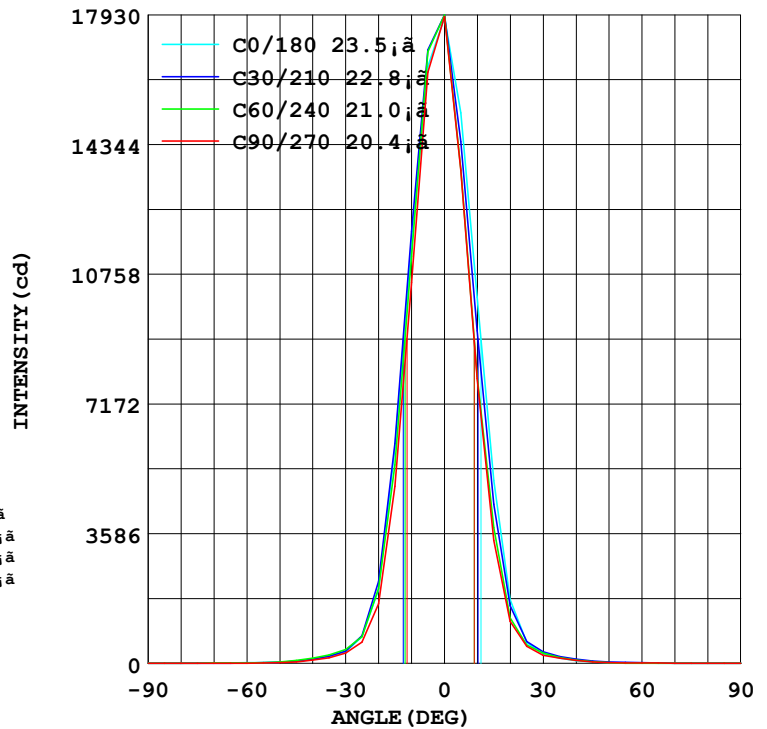
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	17930	S/MH (C0/180)	0.41
MODEL	VIRAJ 45 LENS	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.38
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3314.8	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	109.8	Current (A)	0.139
NOMINAL FLUX (lm)	3314.8	η up (%)	0.0	Power (W)	30.19
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	2737.0	EEI	0.150

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: 8.800 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 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

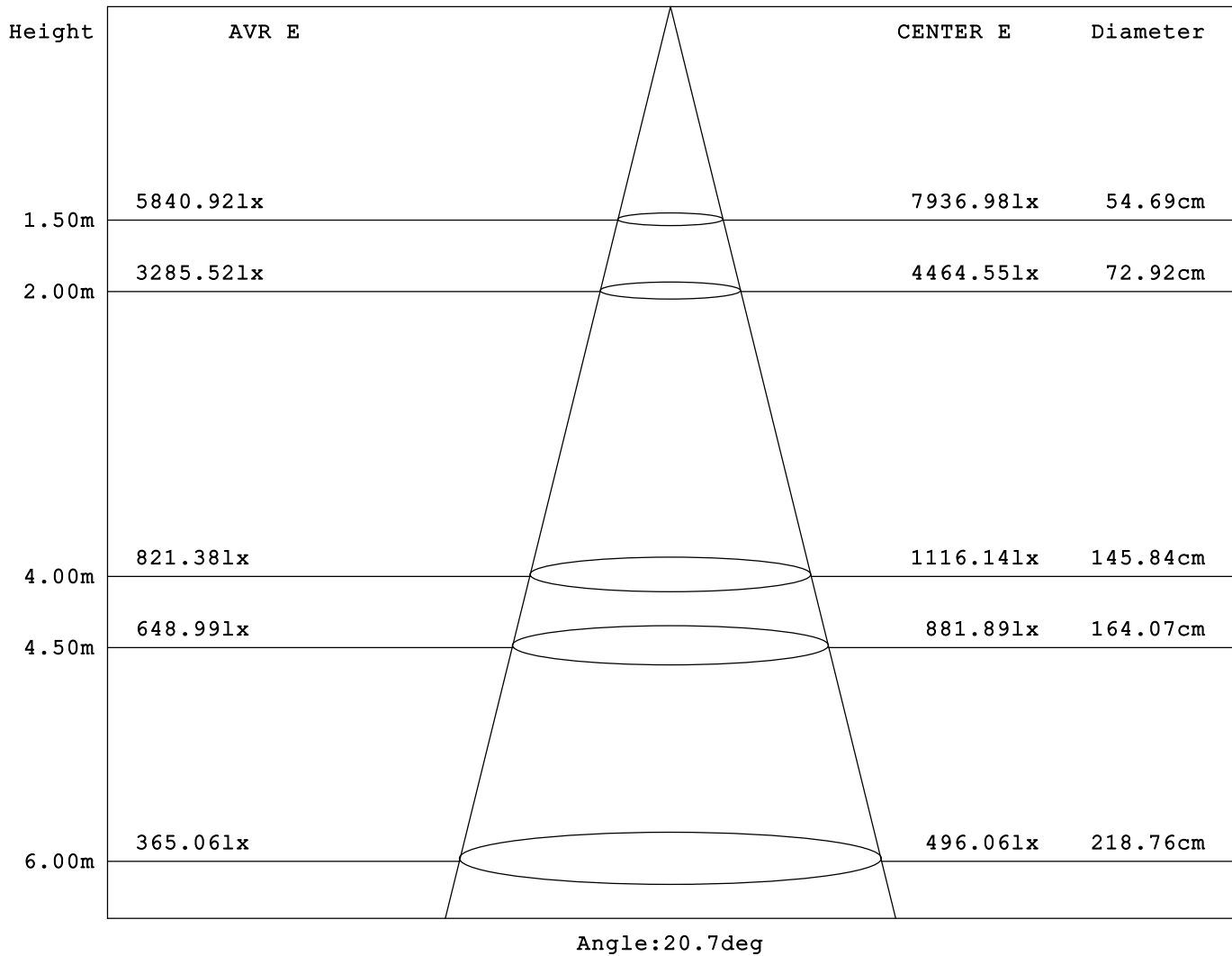
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 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 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



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

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 Humidity: 65.0%
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1161	1160	1053	1044	1012	856.7	787.9	953.5	0- 10	1308	1308
20.0	204.4	217.0	164.9	184.5	176.1	142.4	116.4	169.4	10- 20	1429	2737
30.0	32.48	36.55	28.77	35.27	26.48	30.51	22.75	32.59	20- 30	368.9	3106
40.0	10.84	13.06	8.859	11.89	7.960	10.27	8.100	11.10	30- 40	122.4	3228
50.0	3.484	3.670	1.804	3.573	2.338	2.942	2.238	3.012	40- 50	47.93	3276
60.0	1.866	1.599	0.643	1.544	1.099	1.331	1.146	1.366	50- 60	18.55	3295
70.0	0.960	0.670	0.325	0.616	0.472	0.558	0.759	0.561	60- 70	8.915	3304
80.0	0.836	0.515	0.263	0.472	0.465	0.453	0.612	0.441	70- 80	5.801	3310
90.0	0.689	0.511	0.341	0.480	0.503	0.403	0.503	0.399	80- 90	5.187	3315
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: 1cd									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:8.800 m
Remarks: 3000K

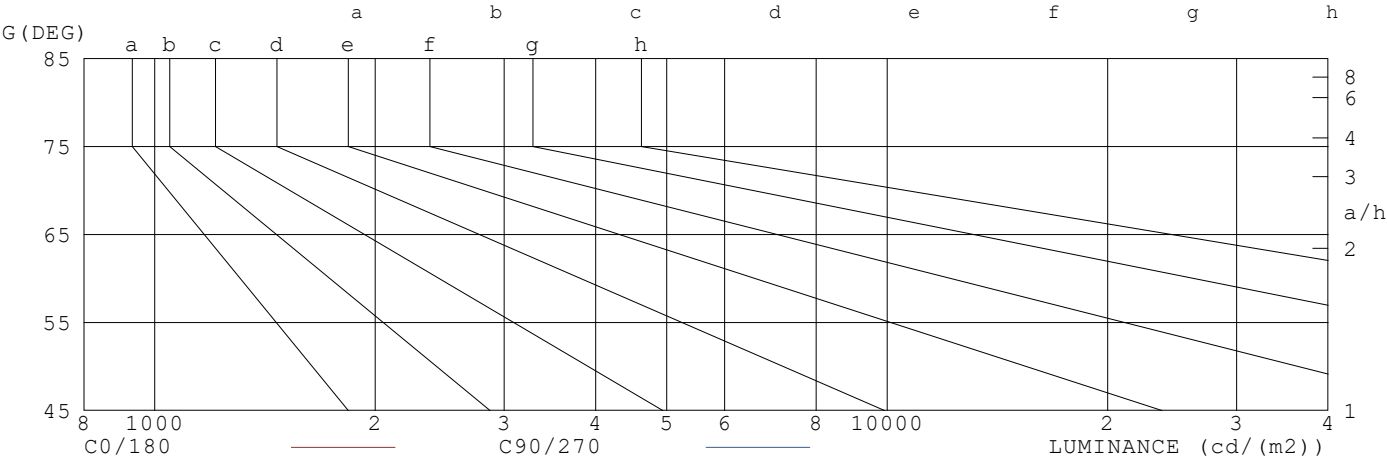
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	862	311
80	482	152
75	362	108
70	281	95
65	273	106
60	373	129
55	448	157
50	542	281
45	778	516

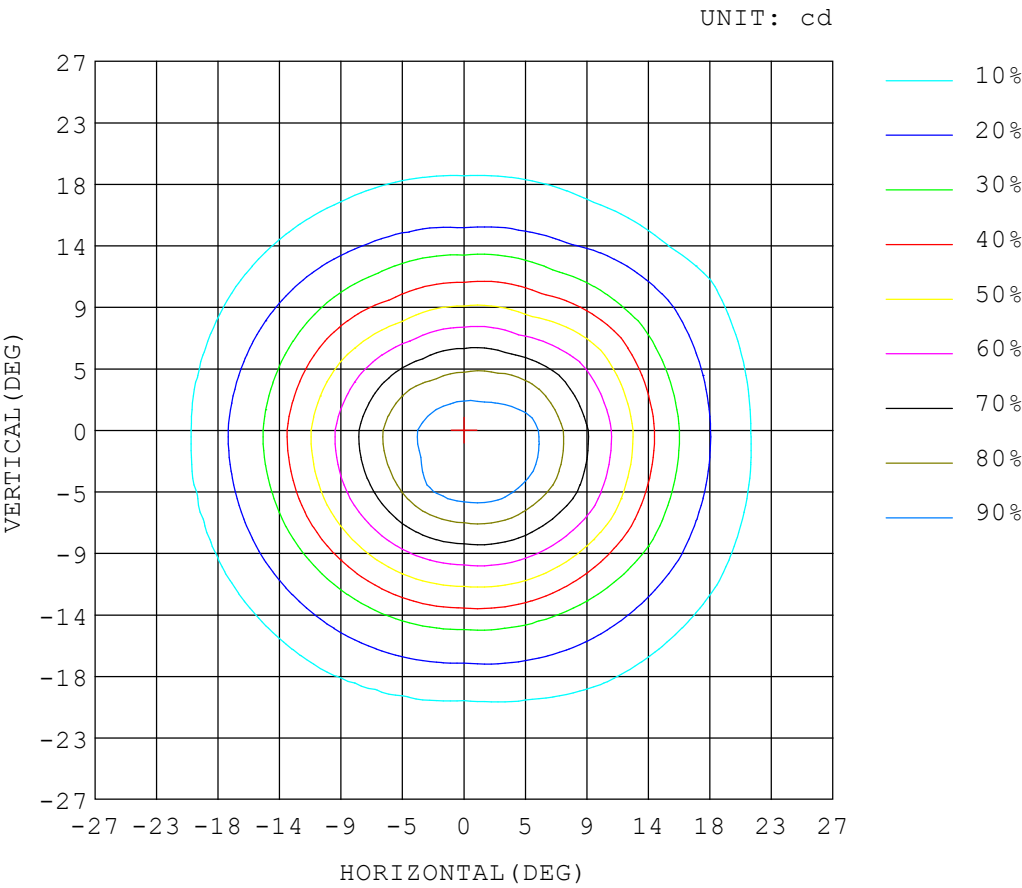
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



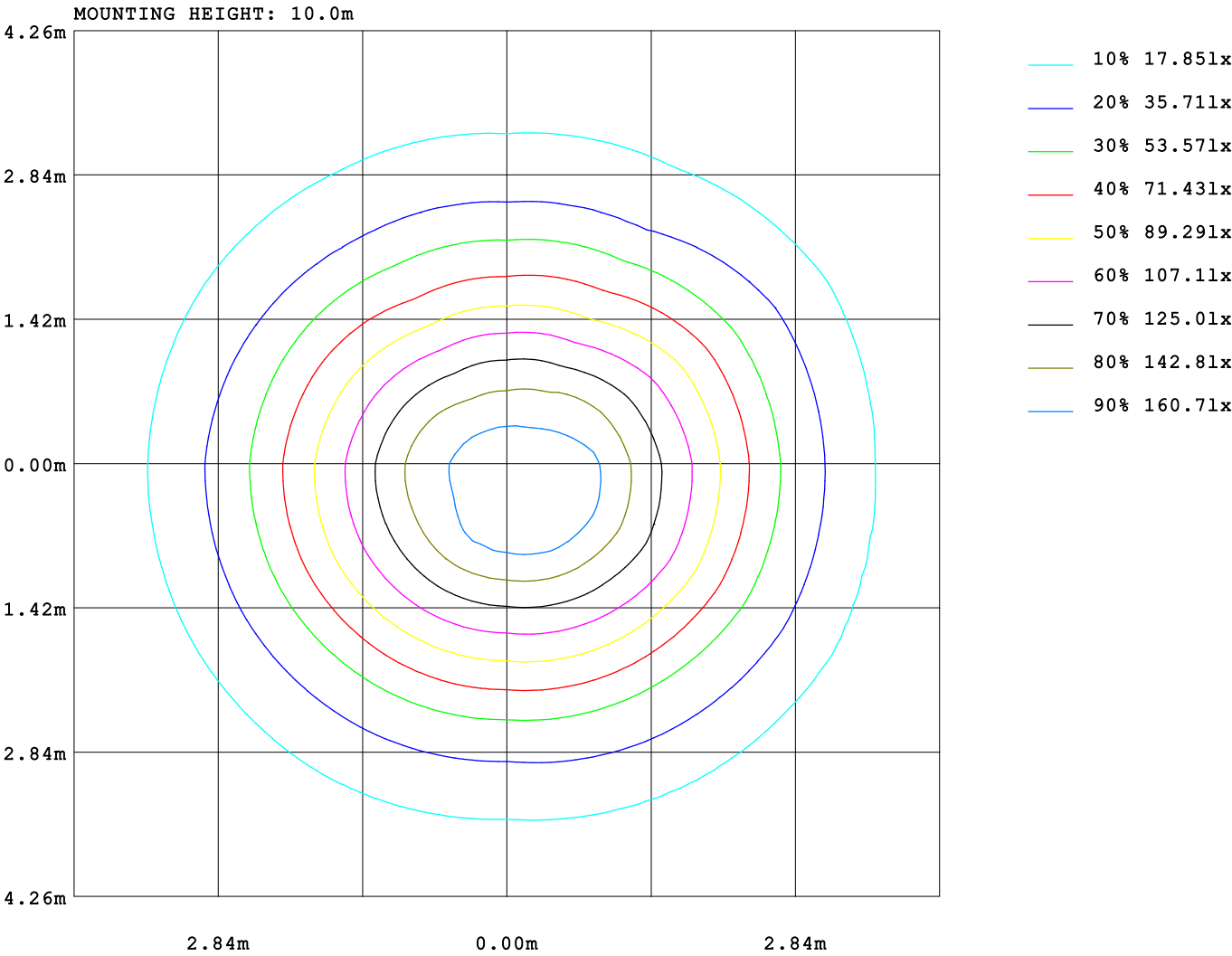
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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:8.800 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 45 LENS 15°

TYPE: .5W 3000K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*46*70 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.43	0.54	0.66	0.77	0.91	1.04	1.14	1.22	1.27	1.27	1.21	1.13	1.02	0.89	0.77	0.67	0.58	0.48	16.0	0.00		
27																						
24	0.55	0.69	0.86	1.06	1.24	1.52	1.87	2.13	2.24	2.25	2.16	1.89	1.52	1.25	1.11	0.92	0.75	0.62	24.6	0.00		
21	0.68	0.88	1.14	1.44	2.00	2.55	3.05	3.59	3.92	3.95	3.67	3.16	2.66	2.16	1.60	1.29	0.99	0.78	39.5	3.35		
18	0.82	1.13	1.51	2.31	3.13	4.29	5.91	7.06	7.50	7.55	7.21	6.11	4.63	3.58	2.72	1.80	1.35	0.96	69.6	43.6		
15	0.98	1.39	2.24	3.37	5.25	7.74	9.78	11.7	12.9	13.0	12.0	10.2	8.54	6.16	4.16	2.81	1.73	1.18	115	96.2		
12	1.12	1.75	3.08	5.00	8.31	11.6	15.4	18.3	20.1	20.5	19.2	16.7	13.3	9.97	6.31	3.93	2.20	1.39	179	164		
9	1.24	2.22	3.85	7.18	11.3	16.8	21.8	25.8	28.9	29.4	27.4	24.3	19.5	13.8	8.88	4.80	2.78	1.55	252	239		
	1.33	2.65	4.72	9.06	14.4	21.5	28.3	34.1	37.6	38.4	36.4	31.7	25.0	17.2	10.9	5.72	3.25	1.68	324	313		
	1.41	2.90	5.41	10.3	16.8	24.9	33.0	40.2	44.3	45.1	43.1	36.6	28.6	19.7	12.2	6.39	3.48	1.78	377	366		
	1.42	2.95	5.52	10.5	17.3	25.7	34.1	41.8	46.2	47.7	45.3	38.0	29.5	20.1	12.4	6.48	3.51	1.78	391	380		
	1.36	2.77	5.01	9.74	15.7	23.7	31.6	38.9	43.9	45.1	42.1	35.6	27.4	18.5	11.5	5.96	3.33	1.68	364	354		
-9	1.28	2.37	4.23	8.08	13.0	19.7	26.5	32.3	36.0	36.8	34.5	29.5	22.7	15.4	9.67	5.10	2.86	1.54	302	290		
-12	1.18	1.88	3.48	5.86	10.0	14.4	19.8	24.3	26.8	27.4	25.8	21.8	16.4	11.7	7.08	4.22	2.24	1.36	226	212		
-15	1.02	1.49	2.57	4.11	6.65	10.0	13.0	15.9	17.7	18.0	16.8	14.2	11.3	7.74	4.91	3.05	1.72	1.12	152	135		
-18	0.86	1.24	1.73	2.87	4.18	5.97	8.20	9.84	10.6	10.8	10.3	8.93	6.73	4.82	3.33	1.98	1.37	0.89	94.8	74.0		
-21	0.73	0.98	1.34	1.78	2.67	3.65	4.39	5.13	5.58	5.68	5.41	4.79	4.06	3.01	1.99	1.47	1.02	0.74	54.5	19.2		
-24	0.60	0.78	1.01	1.32	1.63	2.05	2.56	2.94	3.07	3.13	3.08	2.74	2.23	1.78	1.44	1.07	0.81	0.63	32.9	0.00		
-27	0.48	0.63	0.79	0.97	1.18	1.35	1.47	1.56	1.60	1.62	1.61	1.55	1.44	1.27	1.02	0.83	0.66	0.51	20.6	0.00		
	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)													
									6	9	12	15	18	21	24	27						
Φ t	17.5	29.3	49.2	85.9	136	199	262	317	351	358	338	289	227	159	102	58.5	34.7	20.7	3315			
Φ a	0.00	0.00	15.5	63.6	118	183	248	303	339	346	325	276	212	143	83.2	32.3	0.00	0.00				2737

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

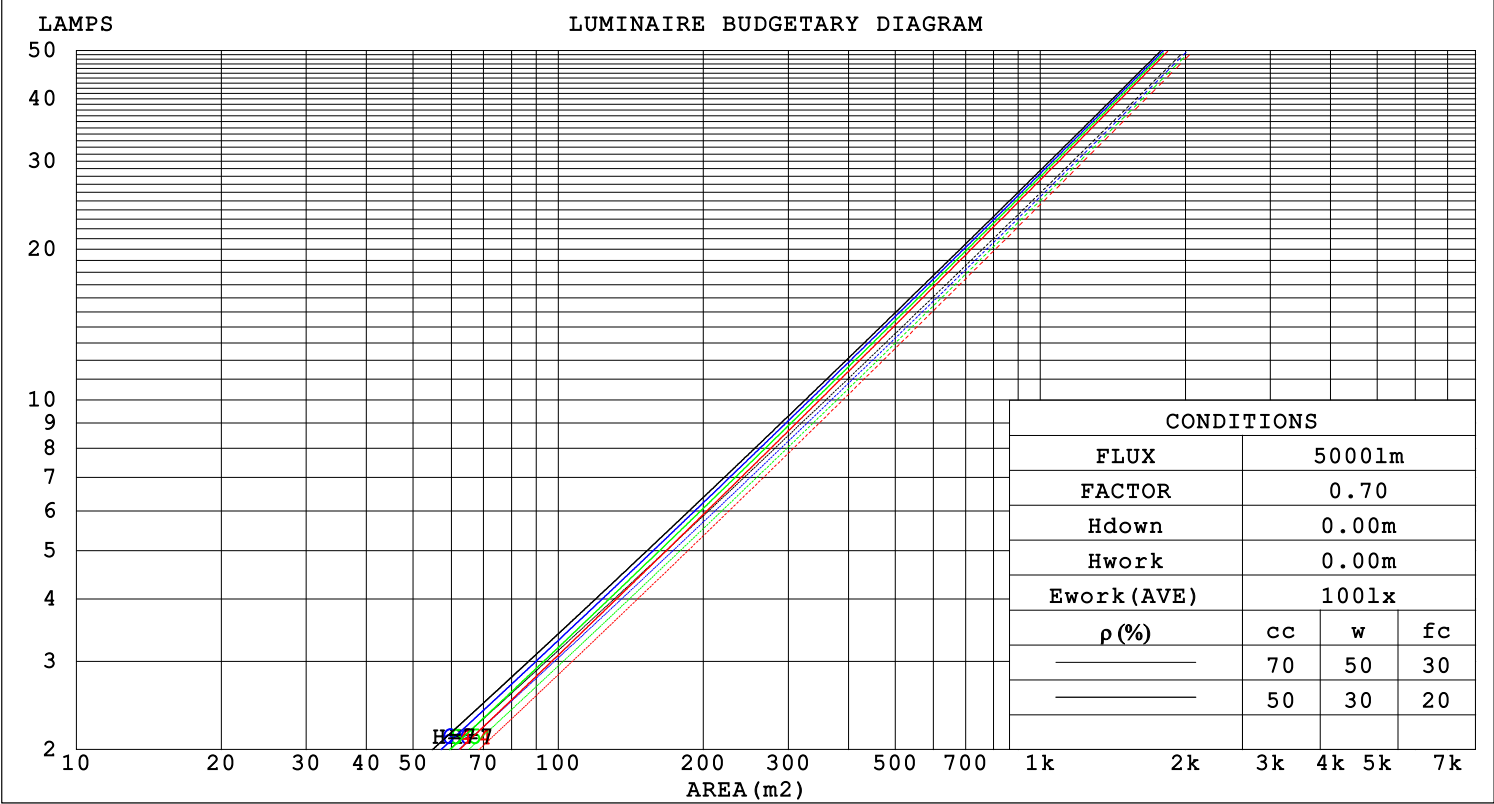
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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	1.13	1.11	1.09	1.11	1.09	1.08	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	1.00	.98	.97	.97	.96	.95	.93
3.0	1.03	.00	.97	1.02	.99	.96	.99	.97	.95	.97	.95	.93	.95	.93	.92	.90
4.0	.99	.95	.92	.98	.95	.92	.96	.93	.91	.94	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.88	.92	.89	.87	.91	.88	.86	.85
6.0	.93	.89	.86	.92	.88	.85	.91	.87	.85	.90	.87	.84	.88	.86	.84	.83
7.0	.90	.86	.83	.89	.86	.83	.88	.85	.82	.87	.84	.82	.86	.84	.82	.81
8.0	.87	.83	.81	.87	.83	.80	.86	.83	.80	.85	.82	.80	.84	.82	.80	.79
9.0	.85	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.78	.82	.80	.78	.77
10.0	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.76	.81	.78	.76	.75



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:8.800 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019															
NAME: VIRAJ 45 LENS 15°								TYPE: .5W 3000K CRI90				WEIGHT:			
SPECIFICATION: FULHAM 600 MA								DIMENSION: 1200*46*70 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	.137	.078	.025	.130	.074	.024	.118	.068	.022	.107	.062	.020	.096	.056	.018	
2.0	.126	.069	.021	.121	.067	.020	.111	.061	.019	.101	.057	.018	.092	.052	.016	
3.0	.117	.062	.019	.113	.060	.018	.104	.056	.017	.096	.053	.016	.089	.049	.015	
4.0	.109	.057	.017	.106	.055	.016	.098	.052	.016	.092	.049	.015	.086	.046	.014	
5.0	.103	.052	.015	.099	.051	.015	.093	.049	.014	.088	.046	.014	.082	.044	.013	
6.0	.097	.049	.014	.094	.048	.014	.089	.046	.013	.084	.044	.013	.079	.042	.012	
7.0	.092	.045	.013	.089	.045	.013	.085	.043	.012	.081	.041	.012	.077	.040	.012	
8.0	.087	.043	.012	.085	.042	.012	.081	.041	.012	.077	.039	.011	.074	.038	.011	
9.0	.083	.040	.011	.081	.040	.011	.078	.038	.011	.075	.037	.011	.071	.036	.010	
10.0	.080	.038	.011	.078	.038	.010	.075	.037	.010	.072	.036	.010	.069	.035	.010	

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	.168	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.075	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.053	.037	.026	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.071	.048	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.032	.067	.043	.028	.046	.031	.020	.027	.018	.012	.009	.006	.004	

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:8.800 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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	1.8	2.4	2.0	2.5	2.7	1.7	2.3	1.9	2.4	2.6
3H	1.9	2.5	2.2	2.7	2.9	1.7	2.3	1.9	2.5	2.7
4H	2.2	2.7	2.4	2.9	3.2	1.7	2.3	2.0	2.5	2.7
6H	2.6	3.2	2.9	3.4	3.6	1.8	2.3	2.1	2.5	2.8
8H	3.0	3.5	3.3	3.8	4.0	1.8	2.3	2.1	2.6	2.8
12H	3.5	4.0	3.8	4.3	4.5	1.9	2.4	2.2	2.7	2.9
4H 2H	1.7	2.3	2.0	2.5	2.7	1.6	2.2	1.9	2.4	2.6
3H	1.9	2.4	2.2	2.6	2.9	1.8	2.3	2.1	2.6	2.9
4H	2.2	2.6	2.5	2.9	3.2	2.0	2.5	2.3	2.7	3.0
6H	2.8	3.2	3.2	3.5	3.9	2.2	2.6	2.6	3.0	3.3
8H	3.3	3.7	3.7	4.0	4.4	2.4	2.7	2.7	3.1	3.4
12H	4.0	4.4	4.4	4.7	5.1	2.6	2.9	3.0	3.3	3.7
8H 4H	2.2	2.6	2.6	2.9	3.3	2.0	2.4	2.4	2.8	3.1
6H	2.9	3.2	3.3	3.6	4.0	2.6	2.9	3.0	3.3	3.7
8H	3.5	3.7	3.9	4.2	4.6	3.0	3.2	3.4	3.7	4.1
12H	4.4	4.6	4.9	5.1	5.6	3.5	3.7	3.9	4.1	4.6
12H 4H	2.2	2.6	2.6	2.9	3.3	2.0	2.4	2.4	2.7	3.1
6H	2.9	3.2	3.4	3.6	4.1	2.6	2.9	3.1	3.3	3.8
8H	3.6	3.8	4.0	4.2	4.7	3.2	3.4	3.6	3.8	4.3

Variations with the observer position at spacings:

S = 1.0H	+ 1.1 / - 1.4	+ 1.6 / - 2.1
1.5H	+ 2.3 / - 1.3	+ 2.8 / - 2.6
2.0H	+ 1.7 / - 1.1	+ 1.6 / - 1.3

CIE Pub.117 Corrected 3315 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)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	89	84	80	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	105	103	108	104	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

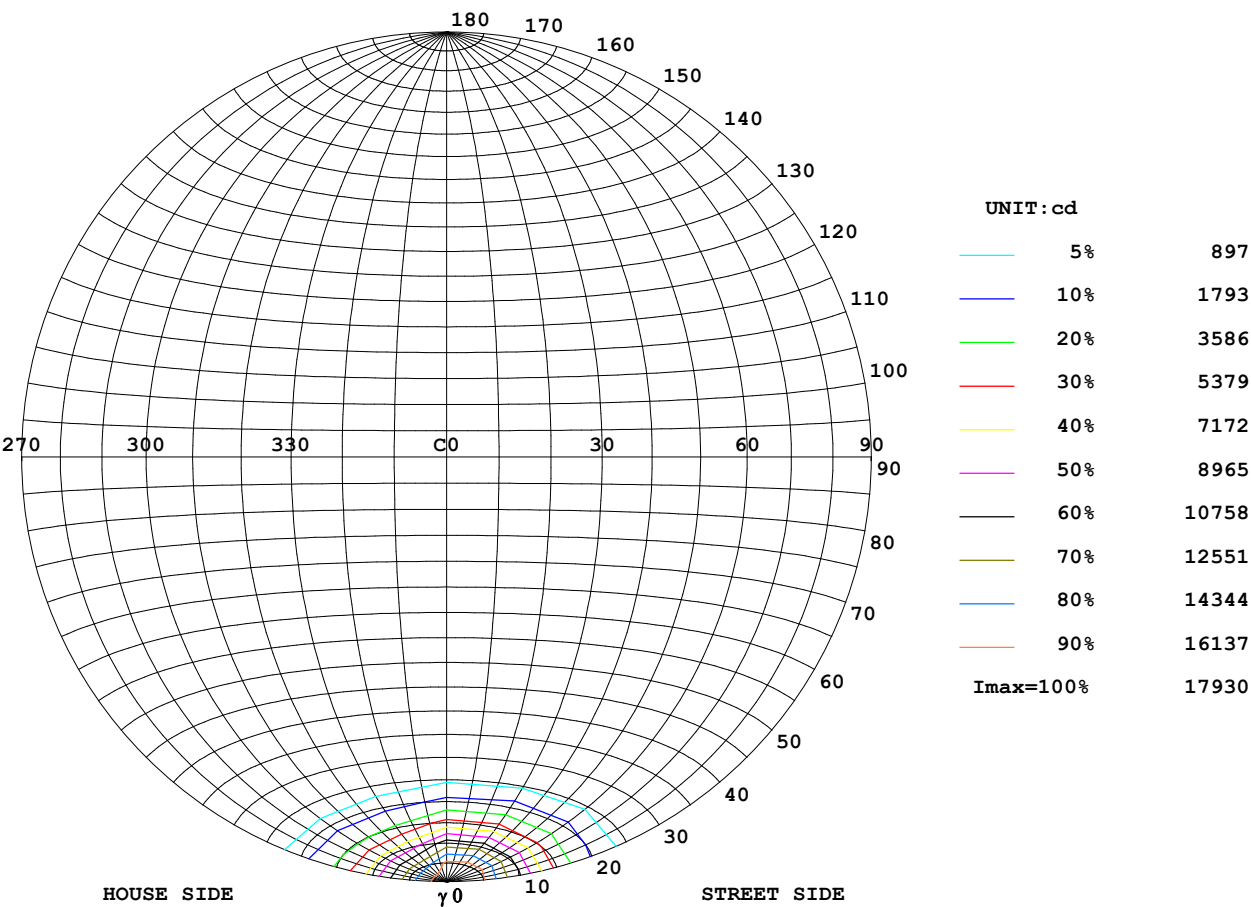
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-12-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



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

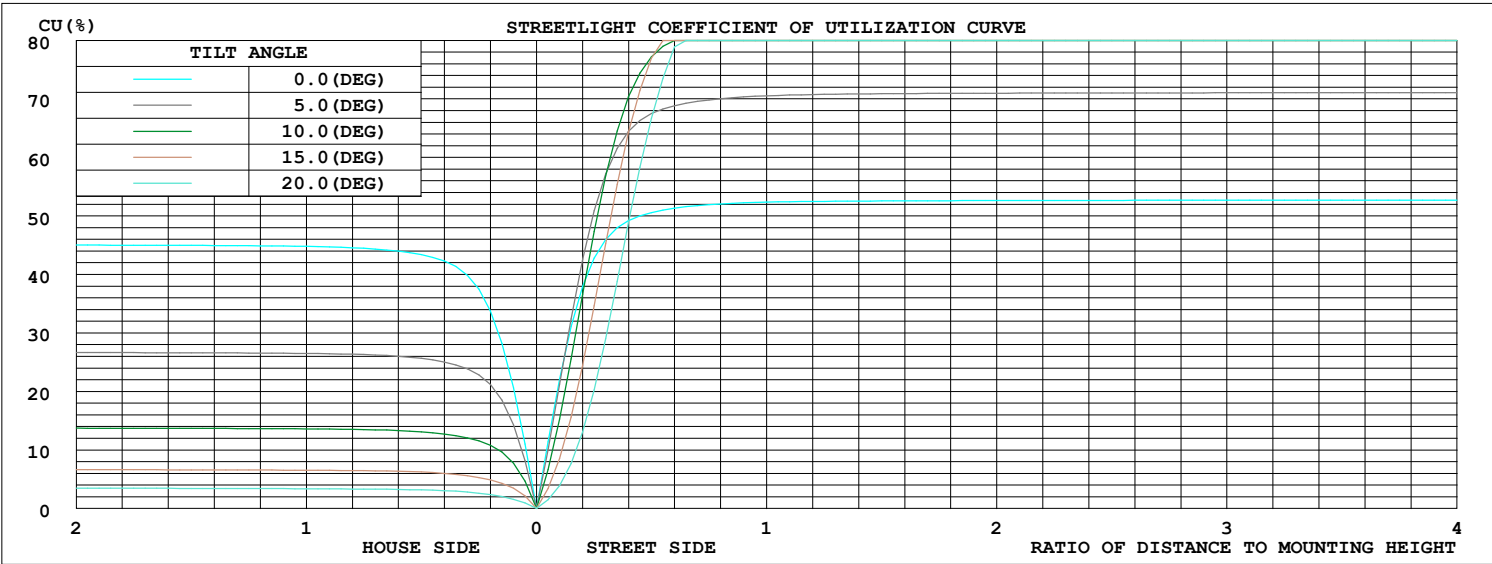
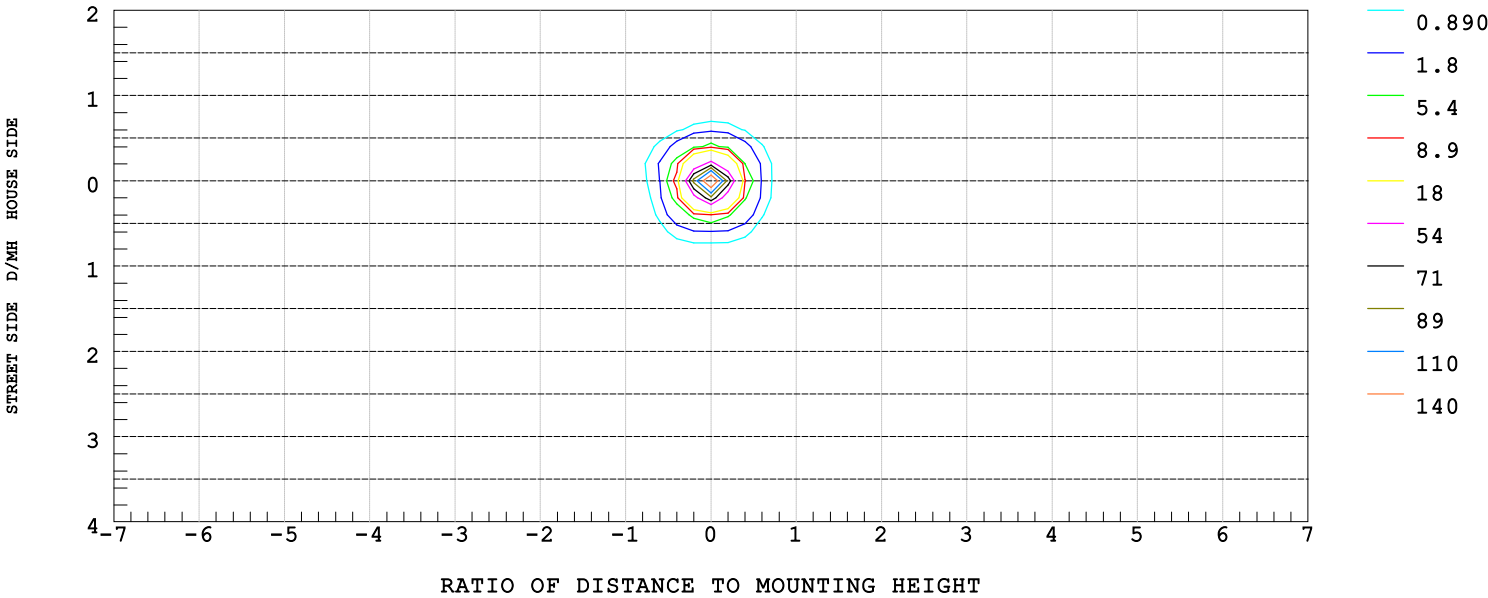
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 178.58 lx



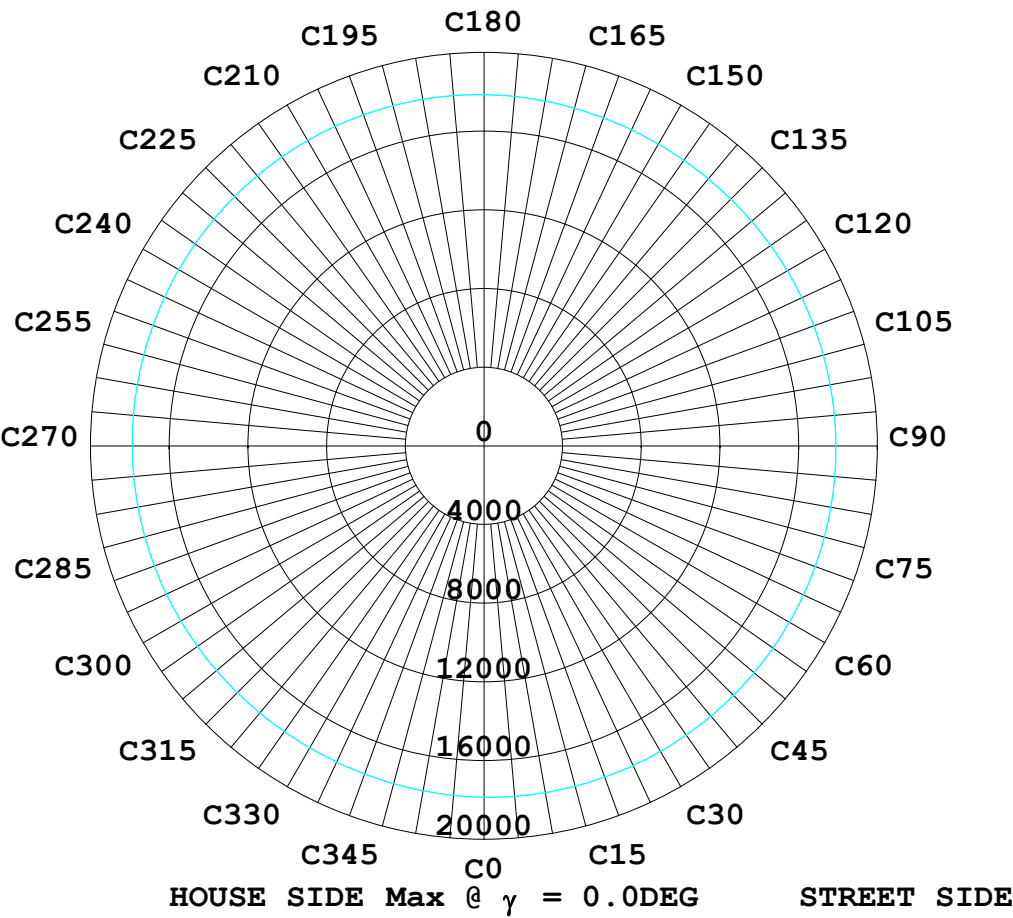
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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:8.800 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 45 LENS 15°	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

UNIT: ;Å10cd

C (DEG)												
γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1786	1793	1792	1788	1780	1772	1786	1793	1792	1788	1780	1772
5.0	1650	1696	1691	1634	1610	1547	1522	1443	1366	1363	1415	1548
10.0	1161	1195	1126	1053	1048	1040	1012	919	794	788	850	1057
15.0	596	608	549	489	501	512	506	440	376	340	389	541
20.0	204	227	208	165	185	185	176	159	126	116	133	206
25.0	73.4	76.4	73.5	58.7	67.5	65.4	57.5	60.9	50.5	47.5	50.1	76.6
30.0	32.4	34.3	38.7	28.7	36.4	34.0	26.4	32.6	28.4	22.7	27.0	38.0
35.0	18.8	19.8	23.3	15.6	22.1	18.7	14.7	19.3	16.1	14.2	15.0	23.2
40.0	10.8	11.7	14.3	8.85	12.7	11.0	7.96	11.6	8.89	8.10	8.46	13.7
45.0	5.49	6.24	8.69	3.64	7.31	6.17	3.78	6.52	4.56	3.77	3.84	8.15
50.0	3.48	3.18	4.15	1.80	3.74	3.39	2.33	3.98	1.90	2.23	1.77	4.25
55.0	2.57	2.21	2.52	0.90	2.32	2.19	1.67	2.97	0.88	1.50	0.83	3.00
60.0	1.86	1.64	1.55	0.64	1.54	1.54	1.09	2.18	0.48	1.14	0.51	2.22
65.0	1.15	0.74	1.20	0.45	1.18	0.59	0.52	1.18	0.33	0.90	0.33	1.19
70.0	0.96	0.39	0.94	0.33	0.91	0.33	0.47	0.87	0.25	0.76	0.24	0.88
75.0	0.94	0.33	0.81	0.28	0.77	0.28	0.53	0.74	0.22	0.67	0.22	0.75
80.0	0.84	0.32	0.71	0.26	0.67	0.27	0.46	0.67	0.23	0.61	0.22	0.66
85.0	0.75	0.34	0.66	0.27	0.64	0.29	0.43	0.62	0.23	0.57	0.22	0.60
90.0	0.69	0.39	0.63	0.34	0.59	0.37	0.50	0.53	0.28	0.50	0.26	0.53

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%
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