

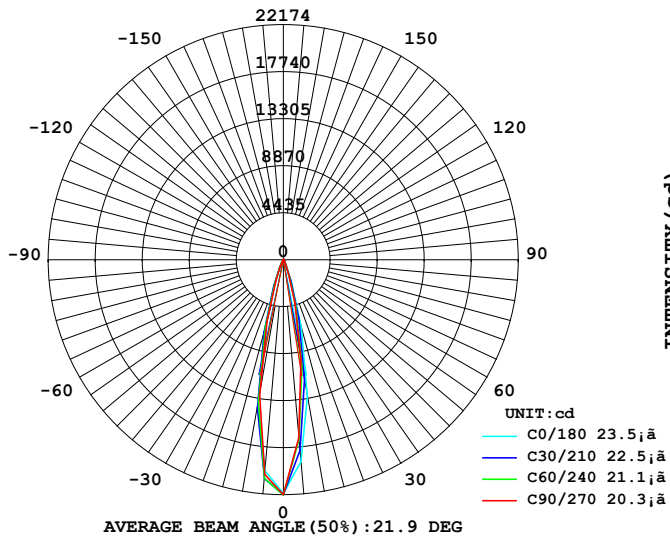
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

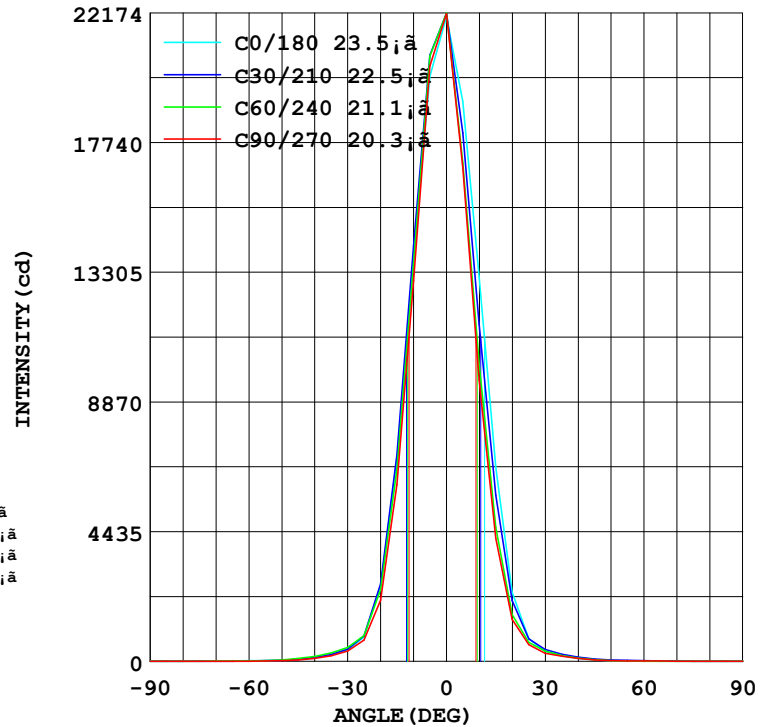
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	22174	S/MH (C0/180)	0.40
MODEL	VIRAJ 45 LENS	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.38
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	4094.8	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	136.5	Current (A)	0.138
NOMINAL FLUX (lm)	4094.9	η up (%)	0.0	Power (W)	30.00
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	3379.4	EEI	0.121

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: 9.800 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 45 LENS 15°	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

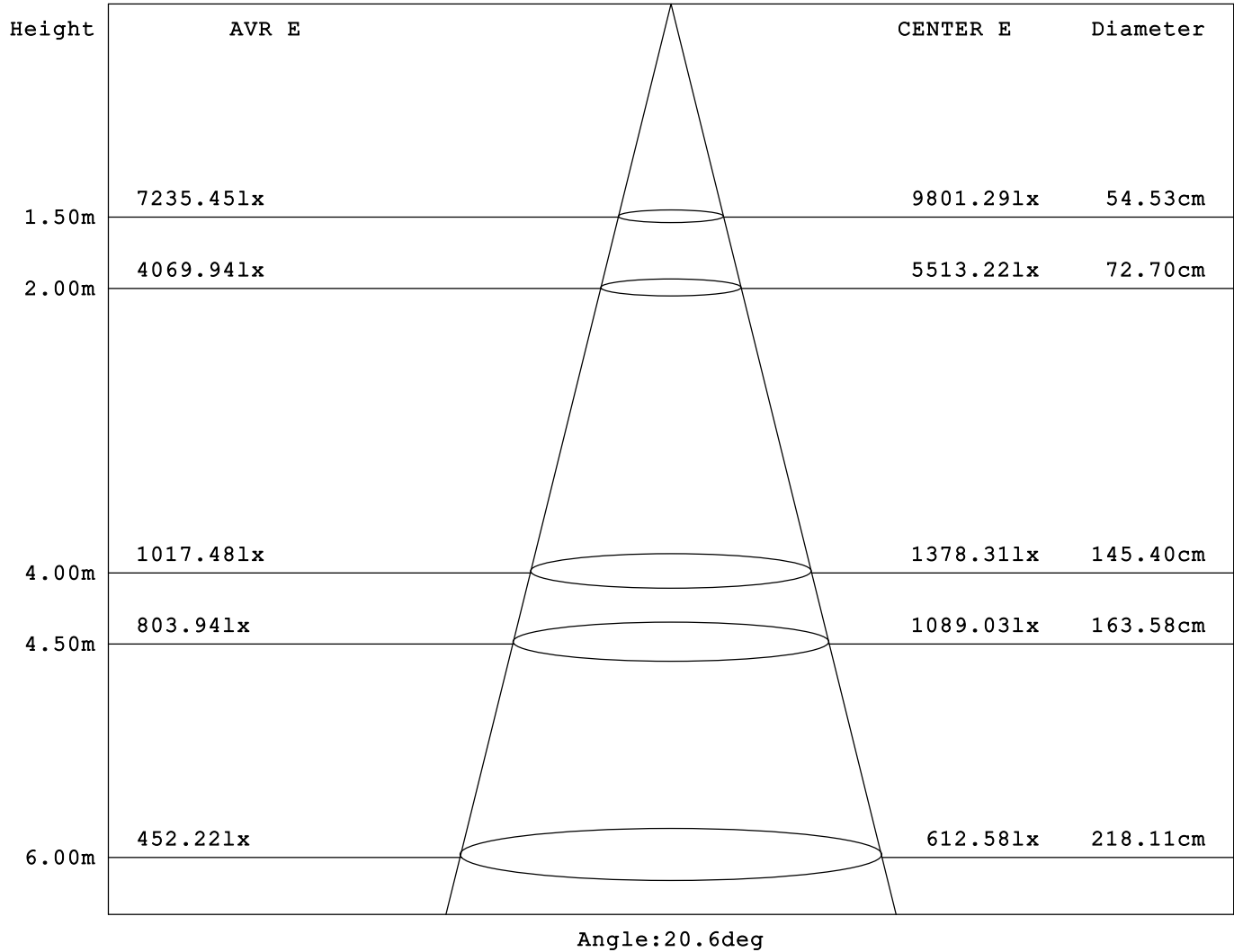
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 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 45 LENS 15°	TYPE: .5W 5700K 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:9.800 m

Remarks: 5700K

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 5700K 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	1377	1391	1301	1317	1314	1084	961.1	1160	0- 10	1617	1617
20.0	258.0	255.5	209.1	241.0	236.6	184.4	144.0	201.7	10- 20	1762	3379
30.0	38.43	44.62	35.48	43.65	34.23	38.56	28.12	39.54	20- 30	457.4	3837
40.0	12.78	15.67	10.91	14.99	10.49	13.08	9.997	13.52	30- 40	151.3	3988
50.0	4.196	4.403	2.228	4.523	2.986	3.707	2.785	3.639	40- 50	59.12	4047
60.0	2.208	1.930	0.797	1.940	1.430	1.690	1.421	1.656	50- 60	22.93	4070
70.0	1.190	0.816	0.394	0.773	0.567	0.701	0.941	0.687	60- 70	11.00	4081
80.0	1.027	0.629	0.317	0.591	0.586	0.562	0.759	0.547	70- 80	7.169	4088
90.0	0.845	0.634	0.423	0.591	0.634	0.499	0.634	0.495	80- 90	6.415	4095
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: ; Å10cd									UNIT:lm	

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

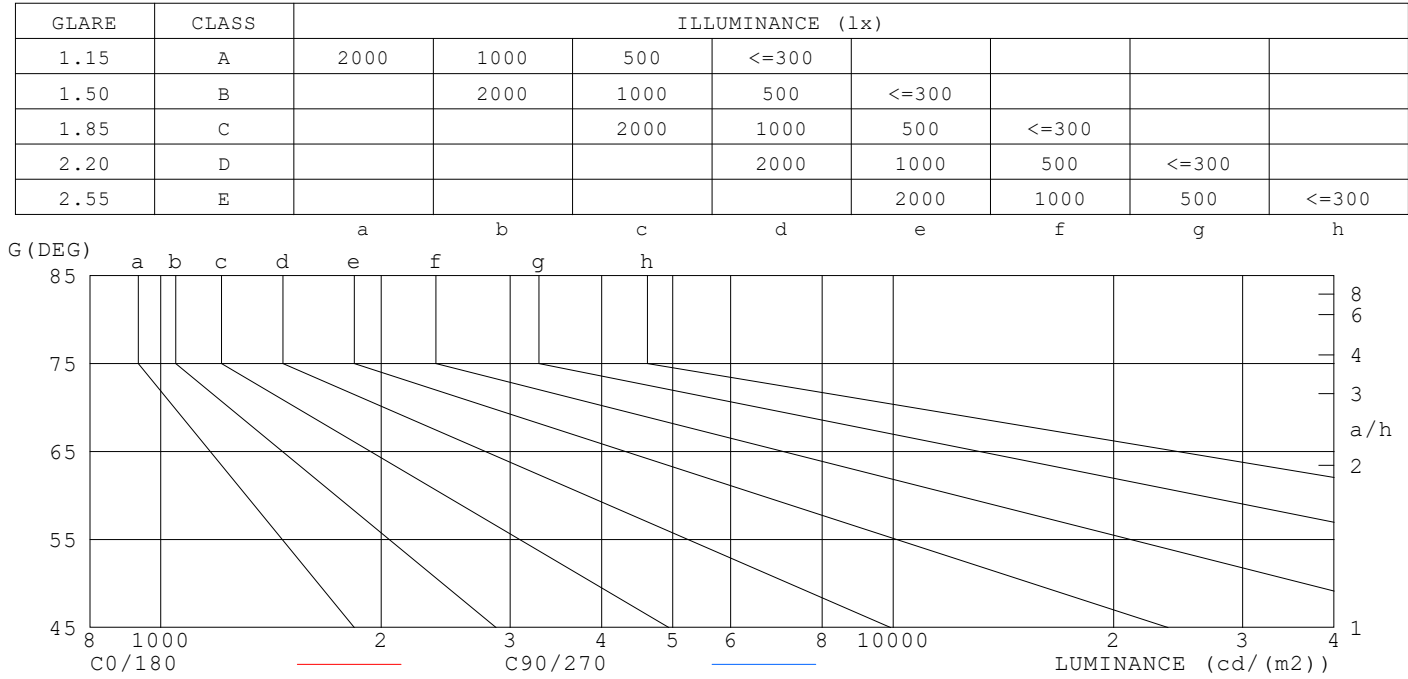
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

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 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1058	397
80	592	183
75	453	134
70	348	115
65	332	134
60	442	159
55	544	194
50	653	347
45	915	637

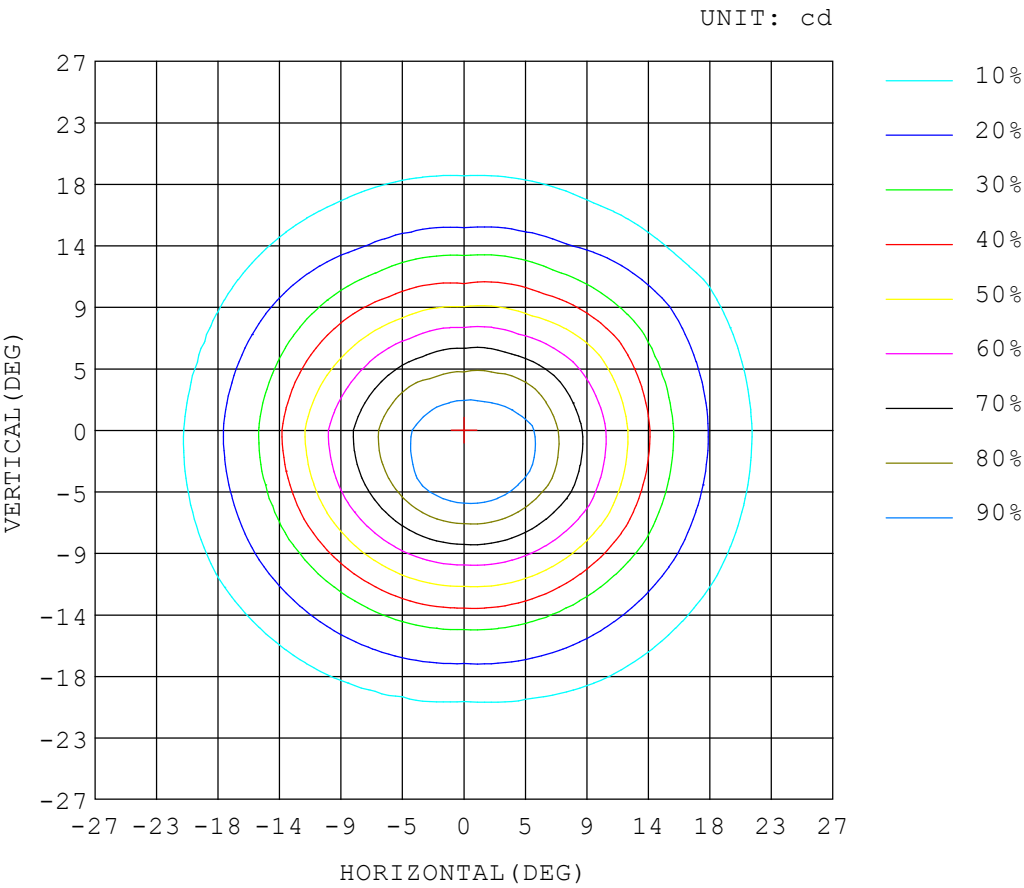
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

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 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



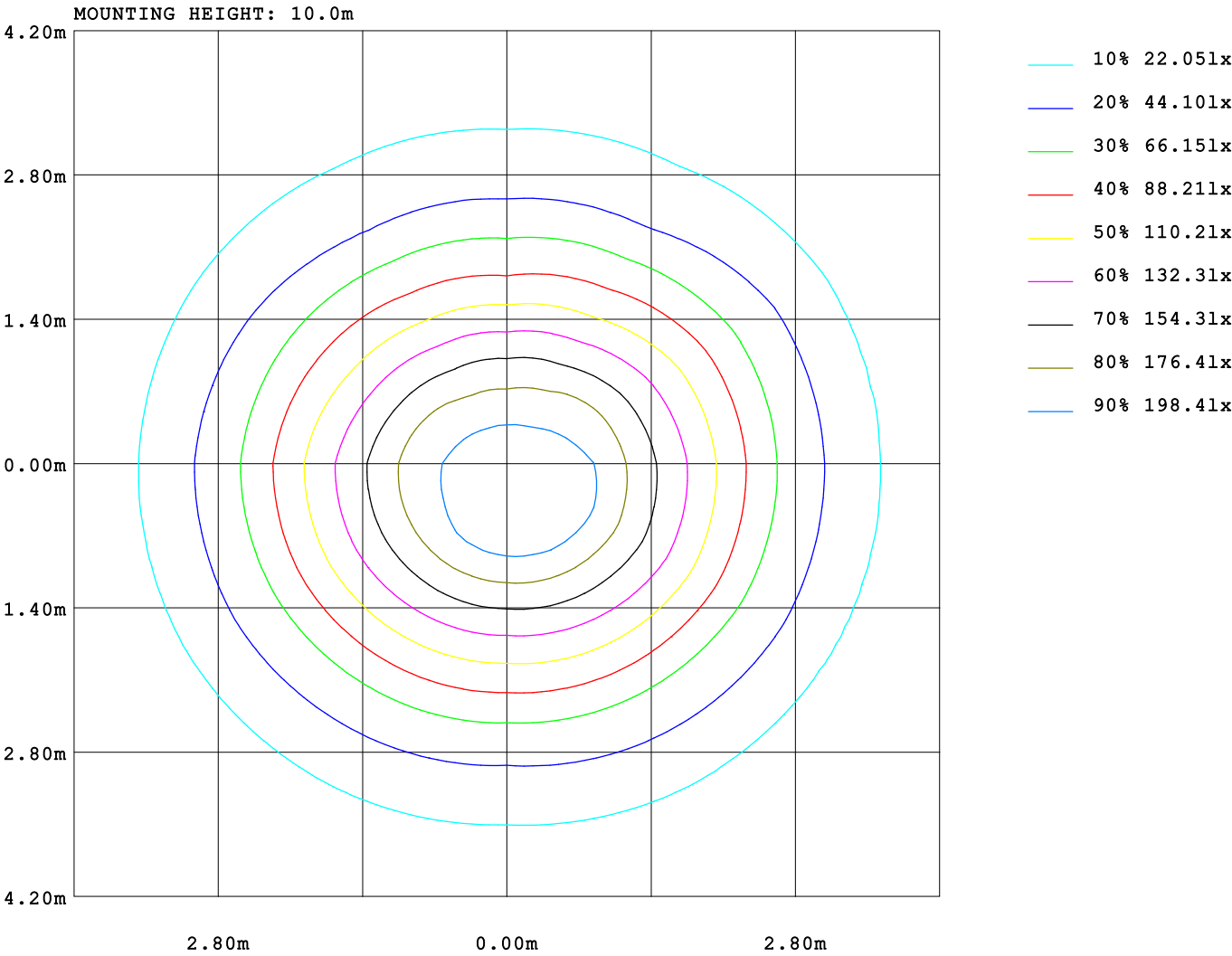
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

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 5700K 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:9.800 m
Remarks: 5700K

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 5700K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*46*70 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.55	0.69	0.83	0.98	1.15	1.31	1.43	1.51	1.56	1.55	1.49	1.39	1.26	1.09	0.94	0.82	0.70	0.58	19.8	0.00		
27																						
24	0.70	0.87	1.08	1.35	1.59	1.93	2.35	2.66	2.77	2.77	2.65	2.33	1.89	1.55	1.36	1.10	0.91	0.75	30.6	0.00		
21	0.86	1.11	1.46	1.85	2.56	3.26	3.86	4.49	4.87	4.88	4.51	3.87	3.25	2.62	1.93	1.55	1.18	0.93	49.1	4.14		
18	1.04	1.44	1.92	2.97	4.03	5.43	7.32	8.71	9.27	9.32	8.85	7.47	5.60	4.29	3.23	2.12	1.59	1.14	85.8	54.4		
15	1.25	1.77	2.89	4.38	6.72	9.67	12.0	14.5	15.9	16.0	14.8	12.4	10.3	7.36	4.92	3.29	2.01	1.39	142	118		
12	1.45	2.26	4.02	6.50	10.6	14.7	19.4	23.0	24.9	25.2	23.8	20.5	16.0	11.8	7.45	4.63	2.57	1.62	221	203		
9	1.62	2.93	5.07	9.37	14.6	21.3	27.6	32.6	35.9	36.3	33.9	29.5	23.4	16.4	10.5	5.76	3.29	1.80	312	296		
	1.77	3.52	6.25	11.8	18.7	27.4	35.6	42.8	46.8	47.4	44.6	38.2	29.7	20.3	12.9	6.94	3.91	1.94	401	386		
	1.90	3.89	7.20	13.5	21.9	32.0	41.8	50.4	55.1	55.6	52.6	44.1	33.9	23.1	14.3	7.81	4.26	2.05	466	452		
	1.92	3.97	7.36	13.9	22.5	33.2	43.4	52.7	57.5	58.7	55.3	45.8	35.0	23.6	14.6	7.91	4.29	2.05	484	471		
	1.82	3.72	6.71	12.8	20.4	30.5	40.1	48.9	54.6	55.6	51.3	42.7	32.5	21.6	13.5	7.20	3.99	1.93	450	437		
-9	1.69	3.17	5.69	10.6	16.9	25.2	33.5	40.4	44.8	45.4	41.9	35.3	26.8	17.9	11.3	6.09	3.36	1.77	372	358		
-12	1.52	2.48	4.66	7.79	12.9	18.4	25.0	30.3	33.3	33.6	31.2	26.1	19.4	13.7	8.28	4.94	2.59	1.58	278	262		
-15	1.30	1.93	3.39	5.44	8.62	12.7	16.4	19.9	22.0	22.1	20.4	17.1	13.4	9.11	5.76	3.55	1.98	1.33	187	166		
-18	1.06	1.58	2.24	3.73	5.39	7.58	10.3	12.3	13.2	13.3	12.6	10.7	7.98	5.69	3.91	2.31	1.61	1.07	117	91.1		
-21	0.90	1.22	1.69	2.27	3.40	4.60	5.55	6.47	7.02	7.08	6.63	5.77	4.84	3.56	2.35	1.74	1.24	0.91	67.3	23.1		
-24	0.76	0.97	1.26	1.66	2.04	2.58	3.22	3.70	3.87	3.90	3.77	3.32	2.68	2.12	1.72	1.29	0.99	0.76	40.6	0.00		
-27	0.62	0.79	0.99	1.20	1.48	1.69	1.84	1.93	1.99	2.00	1.96	1.88	1.74	1.53	1.24	1.01	0.81	0.62	25.3	0.00		
	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)													
									6	9	12	15	18	21	24	27						
Φ t	22.7	38.3	64.7	112	176	254	331	398	436	441	413	349	270	188	120	70.1	41.3	24.3	4095			
Φ a	0.00	0.00	25.8	86.8	154	235	313	380	421	427	396	331	252	166	95.3	37.2	0.00	0.00			3379	

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

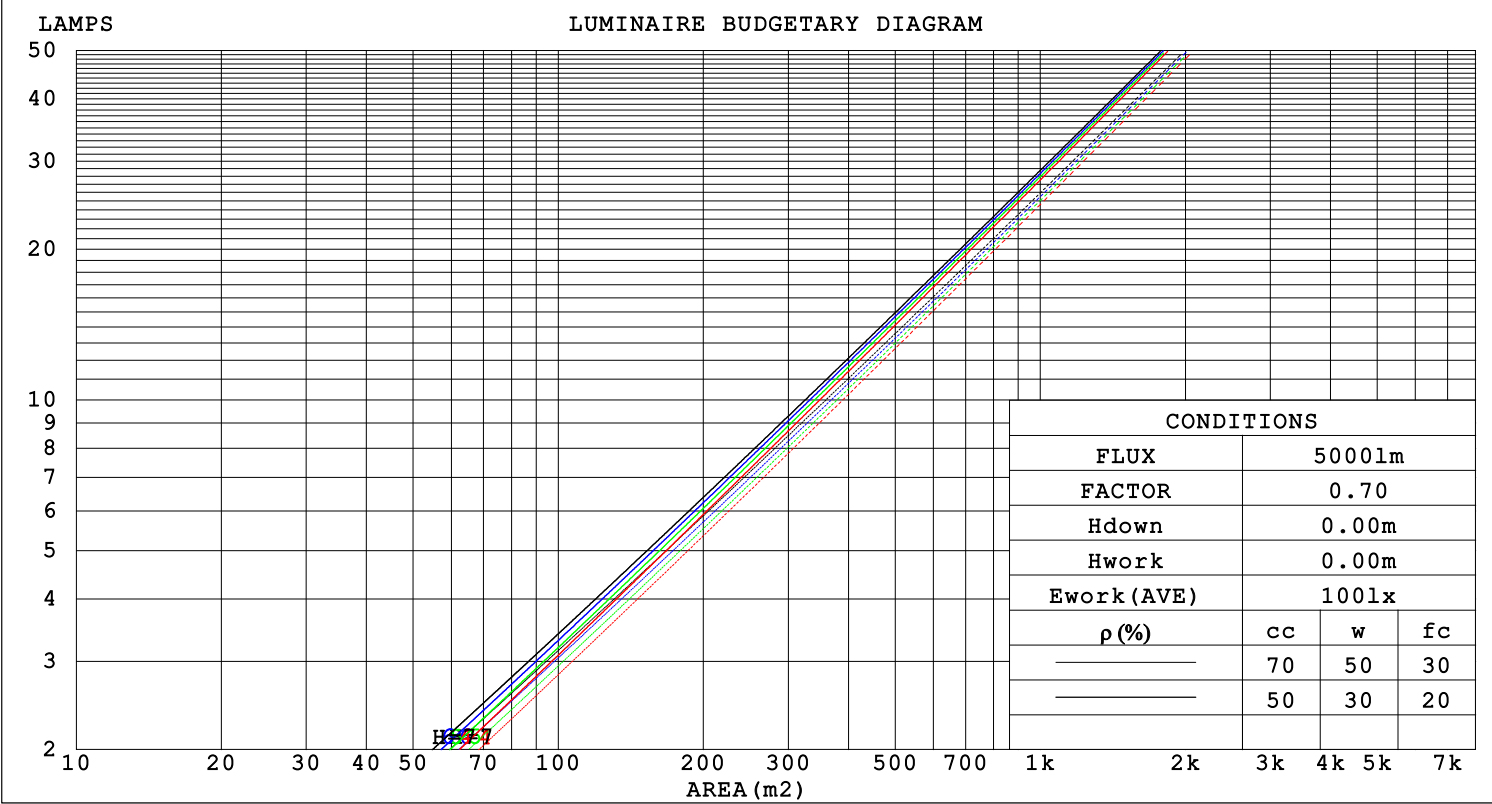
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019															
NAME: VIRAJ 45 LENS 15°								TYPE: .5W 5700K 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:9.800 m
Remarks: 5700K

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 5700K 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:9.800 m
 Remarks: 5700K

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 5700K 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	2.2	2.9	2.4	3.0	3.2	2.3	3.0	2.5	3.1	3.3
3H	2.4	3.0	2.7	3.2	3.4	2.4	3.0	2.6	3.1	3.3
4H	2.7	3.3	3.0	3.5	3.7	2.4	3.0	2.6	3.2	3.4
6H	3.2	3.7	3.5	4.0	4.2	2.4	3.0	2.7	3.2	3.4
8H	3.6	4.1	3.8	4.3	4.6	2.5	3.0	2.8	3.3	3.5
12H	4.1	4.6	4.4	4.8	5.1	2.6	3.1	2.9	3.4	3.6
4H 2H	2.2	2.8	2.4	3.0	3.2	2.3	2.9	2.6	3.1	3.3
3H	2.4	2.9	2.7	3.1	3.4	2.5	3.0	2.8	3.3	3.5
4H	2.7	3.2	3.0	3.5	3.8	2.7	3.1	3.0	3.4	3.7
6H	3.3	3.8	3.7	4.1	4.4	2.9	3.3	3.3	3.6	4.0
8H	3.9	4.2	4.2	4.6	5.0	3.0	3.4	3.4	3.8	4.1
12H	4.6	5.0	5.0	5.3	5.7	3.3	3.6	3.7	4.0	4.4
8H 4H	2.7	3.1	3.1	3.5	3.8	2.7	3.1	3.1	3.4	3.8
6H	3.4	3.7	3.9	4.1	4.5	3.2	3.6	3.7	3.9	4.4
8H	4.0	4.3	4.5	4.7	5.2	3.6	3.9	4.1	4.3	4.8
12H	5.0	5.3	5.5	5.7	6.2	4.1	4.4	4.6	4.8	5.3
12H 4H	2.8	3.1	3.2	3.5	3.9	2.7	3.0	3.1	3.4	3.8
6H	3.5	3.8	4.0	4.2	4.6	3.3	3.6	3.7	4.0	4.4
8H	4.2	4.4	4.6	4.8	5.3	3.8	4.1	4.3	4.5	5.0

Variations with the observer position at spacings:

S = 1.0H	+ 1.1 / - 1.3	+ 1.6 / - 2.1
1.5H	+ 2.2 / - 1.2	+ 2.8 / - 2.5
2.0H	+ 1.6 / - 1.1	+ 1.6 / - 1.3

CIE Pub.117 Corrected 4095 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.9)

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:9.800 m
Remarks: 5700K

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 5700K 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		

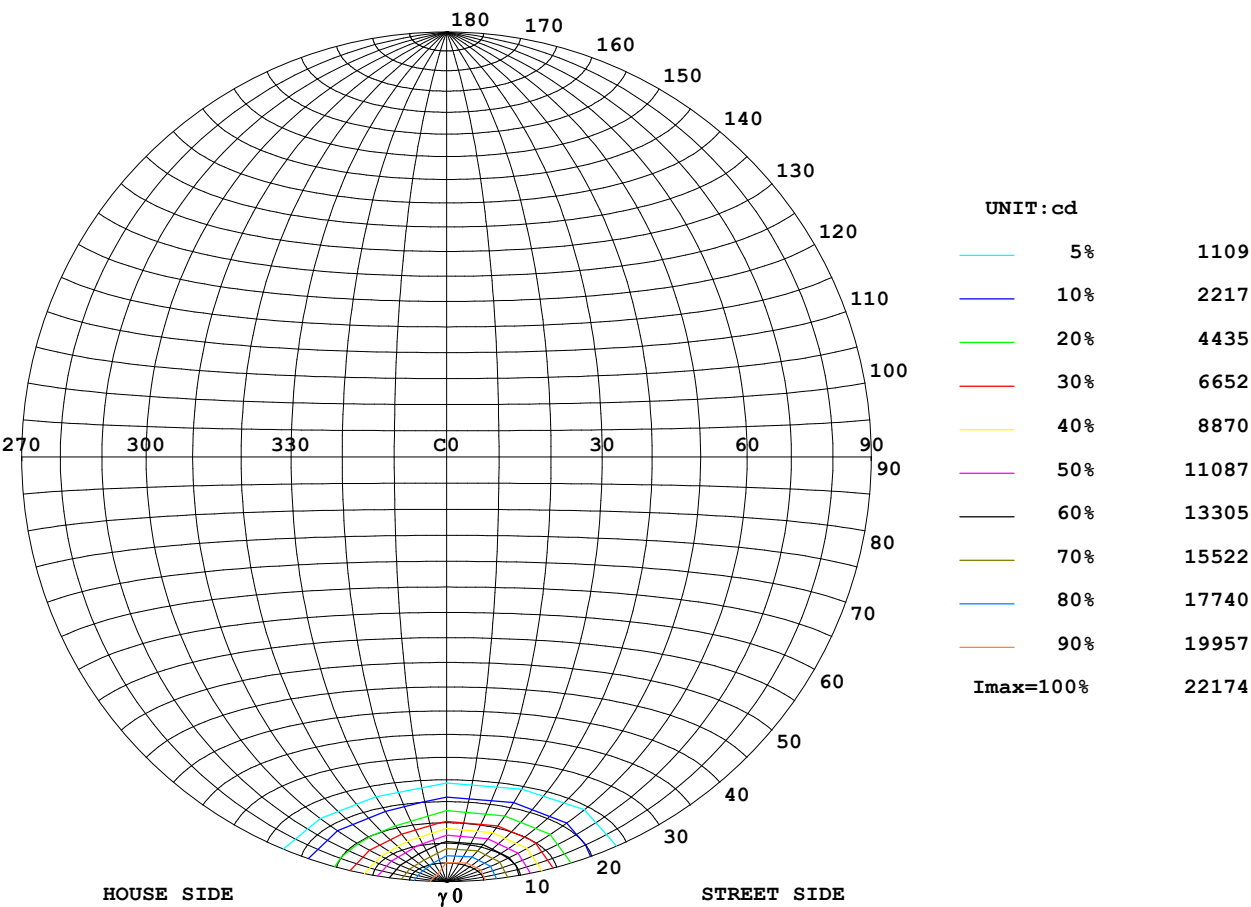
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-12-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.800 m
 Remarks: 5700K

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 5700K 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

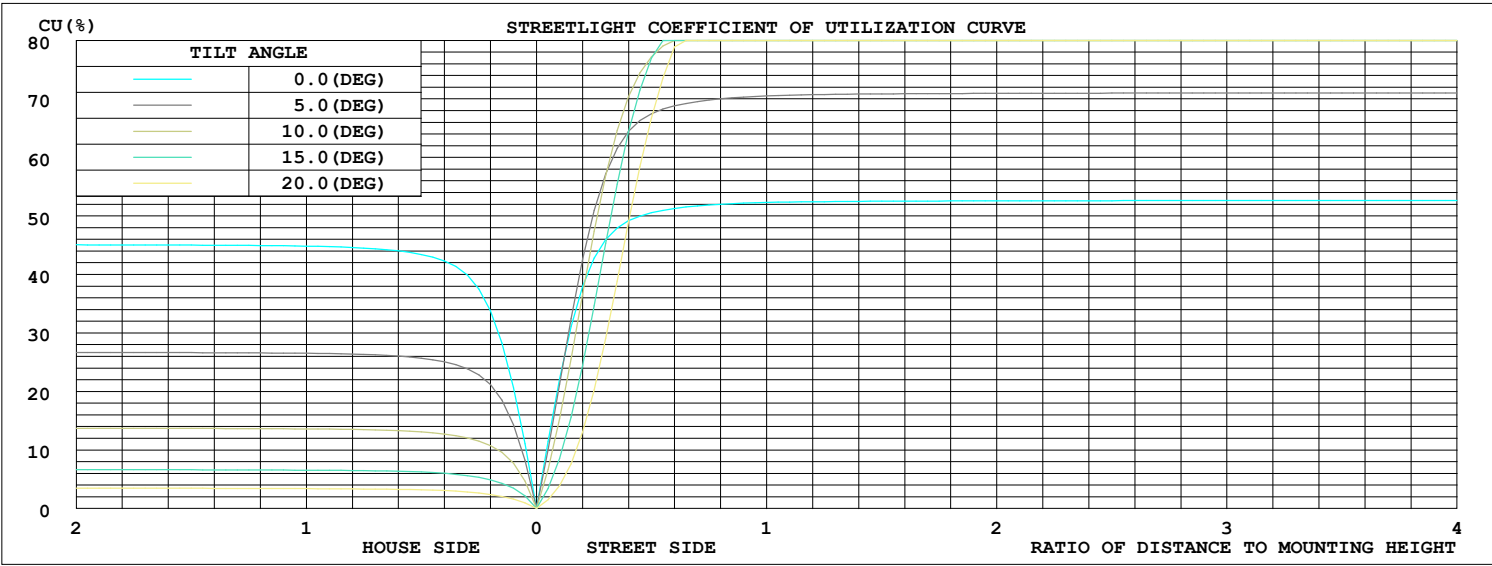
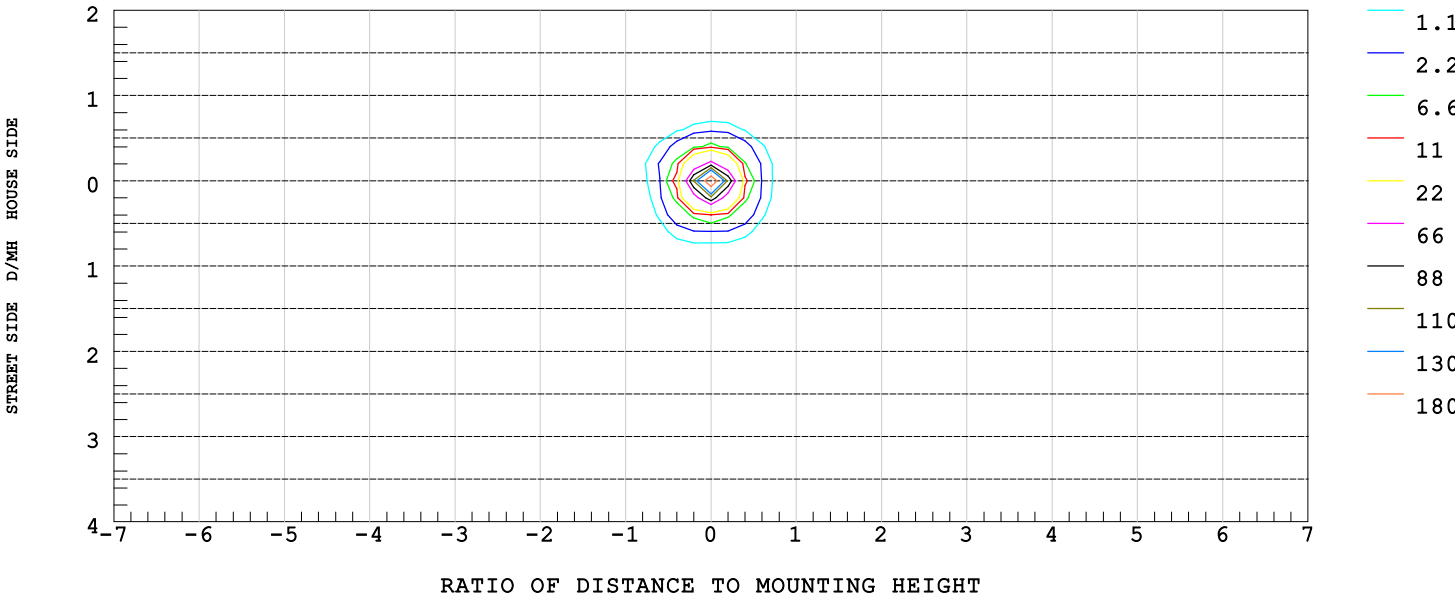
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

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 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 220.53 lx



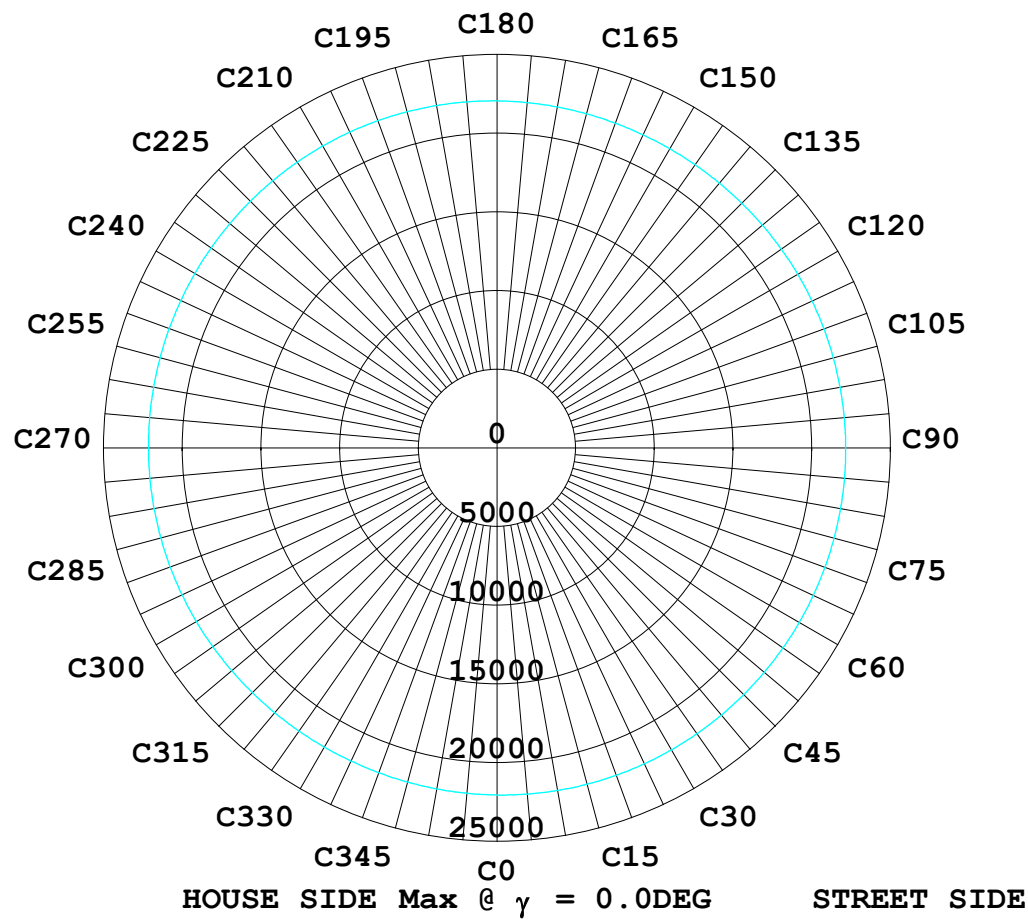
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

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 5700K 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:9.800 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 45 LENS 15°	TYPE: .5W 5700K 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	2205	2216	2217	2215	2207	2195	2205	2216	2217	2215	2207	2195
5.0	2000	2072	2069	2035	2005	1954	1914	1807	1705	1687	1747	1894
10.0	1377	1421	1361	1301	1309	1325	1314	1151	1016	961	1060	1260
15.0	691	706	656	604	630	664	664	568	458	421	474	643
20.0	258	265	246	209	233	249	237	208	161	144	161	242
25.0	83.8	87.3	88.0	72.3	84.6	85.2	78.3	77.2	64.8	57.7	62.4	88.6
30.0	38.4	42.1	47.0	35.4	45.4	41.9	34.2	41.5	35.5	28.1	33.2	45.8
35.0	22.3	23.8	28.7	19.5	27.6	24.2	18.9	24.6	20.3	17.6	18.4	27.8
40.0	12.7	13.9	17.4	10.9	15.9	14.0	10.4	14.8	11.3	9.99	10.5	16.5
45.0	6.47	7.26	10.5	4.50	9.15	7.91	4.90	8.35	5.78	4.64	4.68	9.75
50.0	4.19	3.79	5.01	2.22	4.67	4.36	2.98	5.01	2.40	2.78	2.17	5.10
55.0	3.12	2.68	3.07	1.11	2.90	2.74	2.11	3.73	1.14	1.86	1.02	3.66
60.0	2.20	1.95	1.90	0.80	1.91	1.96	1.43	2.78	0.60	1.42	0.62	2.68
65.0	1.40	0.85	1.46	0.57	1.47	0.76	0.66	1.50	0.39	1.11	0.39	1.44
70.0	1.19	0.47	1.16	0.39	1.13	0.41	0.57	1.09	0.31	0.94	0.29	1.08
75.0	1.17	0.39	0.99	0.35	0.95	0.35	0.64	0.93	0.28	0.84	0.27	0.92
80.0	1.02	0.38	0.87	0.32	0.85	0.34	0.59	0.85	0.28	0.76	0.27	0.83
85.0	0.92	0.42	0.81	0.35	0.78	0.36	0.54	0.77	0.28	0.69	0.29	0.75
90.0	0.85	0.49	0.78	0.42	0.73	0.45	0.63	0.65	0.35	0.63	0.33	0.66

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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