

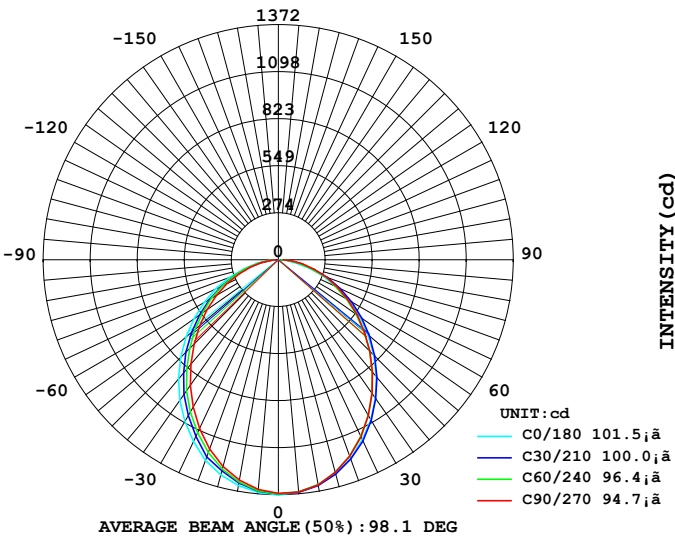
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

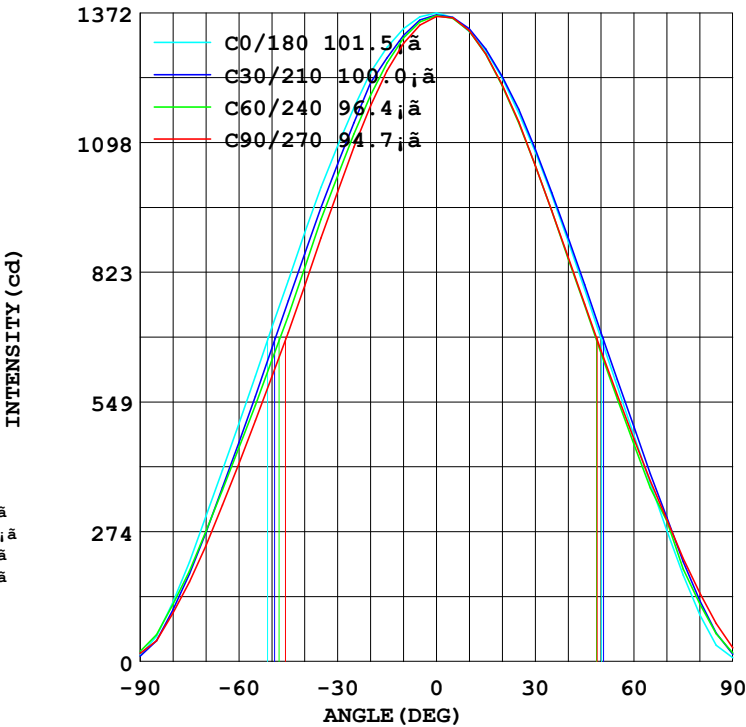
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1372	S/MH (C0/180)	1.19
MODEL	VIRAJ 45	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.10
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3350.9	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	119.3	Current (A)	0.130
NOMINAL FLUX (lm)	3350.9	η up (%)	0.0	Power (W)	28.08
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	3272.4	EEI	0.117

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:8.500 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 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

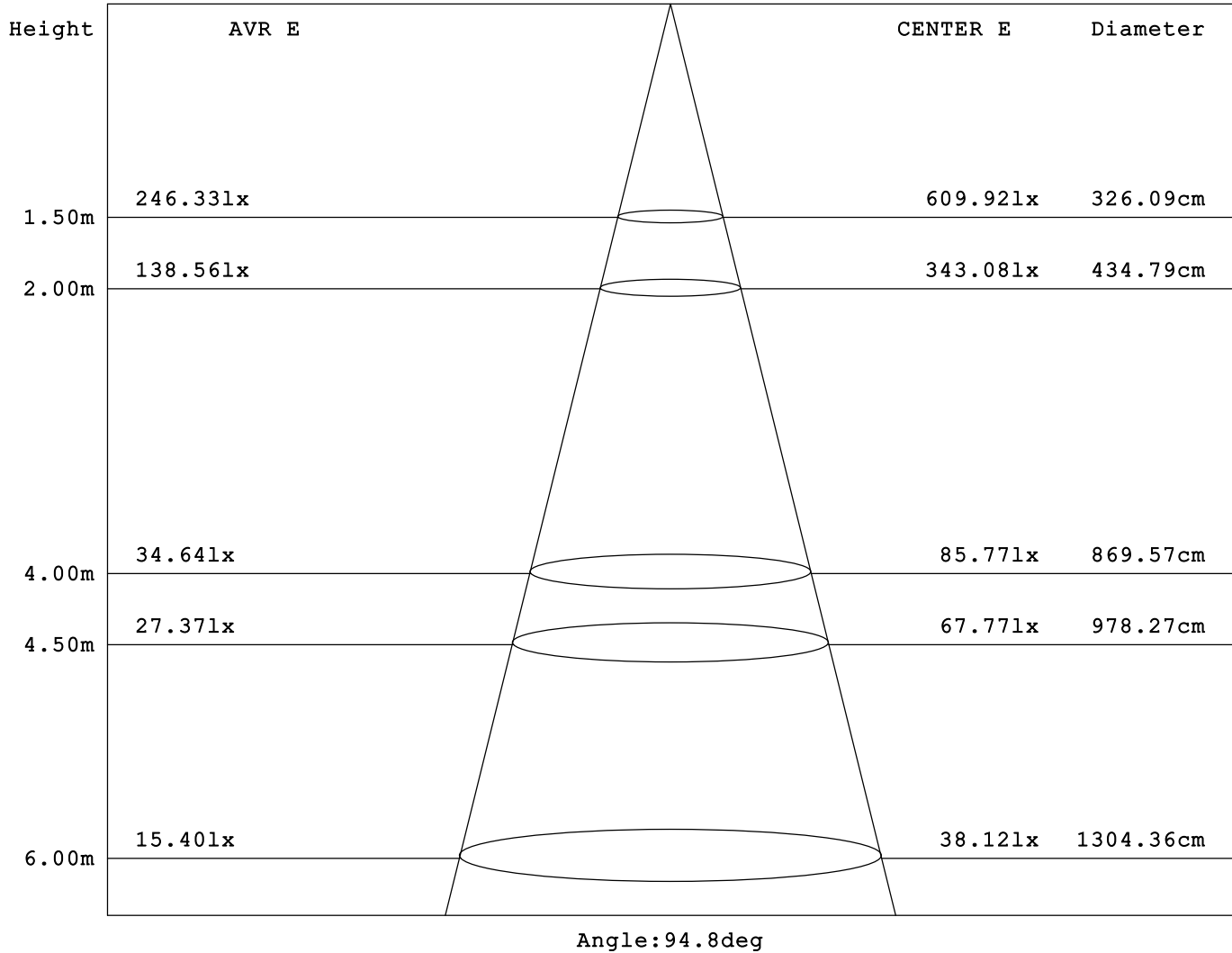
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	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	1339	1322	1308	1318	1333	1336	1335	1337	0- 10	128.6	128.6
20.0	1247	1211	1176	1198	1234	1228	1220	1234	10- 20	360.6	489.3
30.0	1091	1040	993.5	1026	1079	1068	1051	1072	20- 30	524.7	1014
40.0	906.5	847.0	794.1	833.0	889.9	874.9	856.0	882.7	30- 40	599.7	1614
50.0	705.8	649.5	601.6	634.4	683.3	673.9	657.5	681.6	40- 50	586.9	2201
60.0	502.2	456.6	417.2	441.9	478.4	478.0	470.9	486.4	50- 60	503.9	2705
70.0	306.4	273.1	244.2	260.2	276.3	300.6	299.7	308.2	60- 70	370.3	3075
80.0	125.2	114.2	102.0	103.3	98.69	125.1	144.5	136.1	70- 80	209.2	3284
90.0	13.29	16.14	17.19	15.71	7.803	16.40	28.68	20.59	80- 90	66.70	3351
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

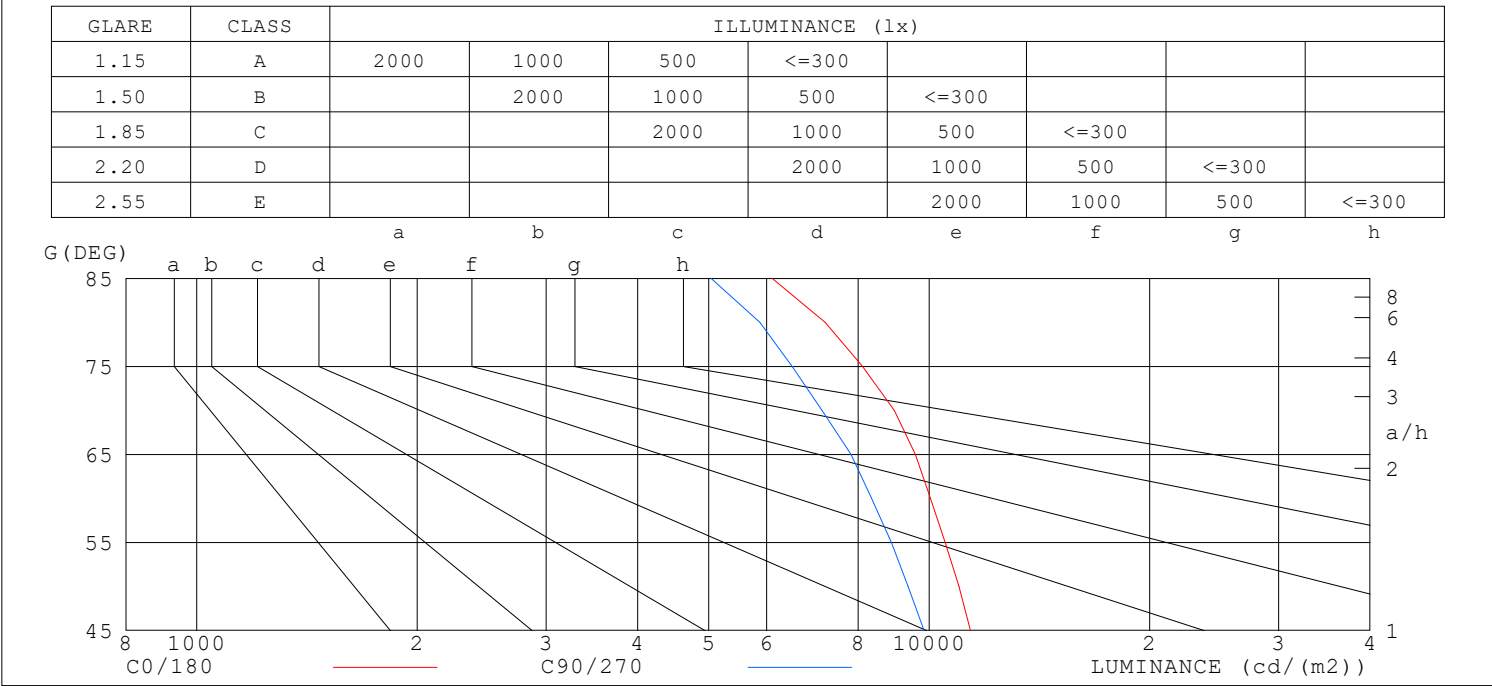
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	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	6110	5040
80	7211	5875
75	8118	6504
70	8961	7142
65	9575	7828
60	10046	8345
55	10522	8879
50	10982	9361
45	11395	9843

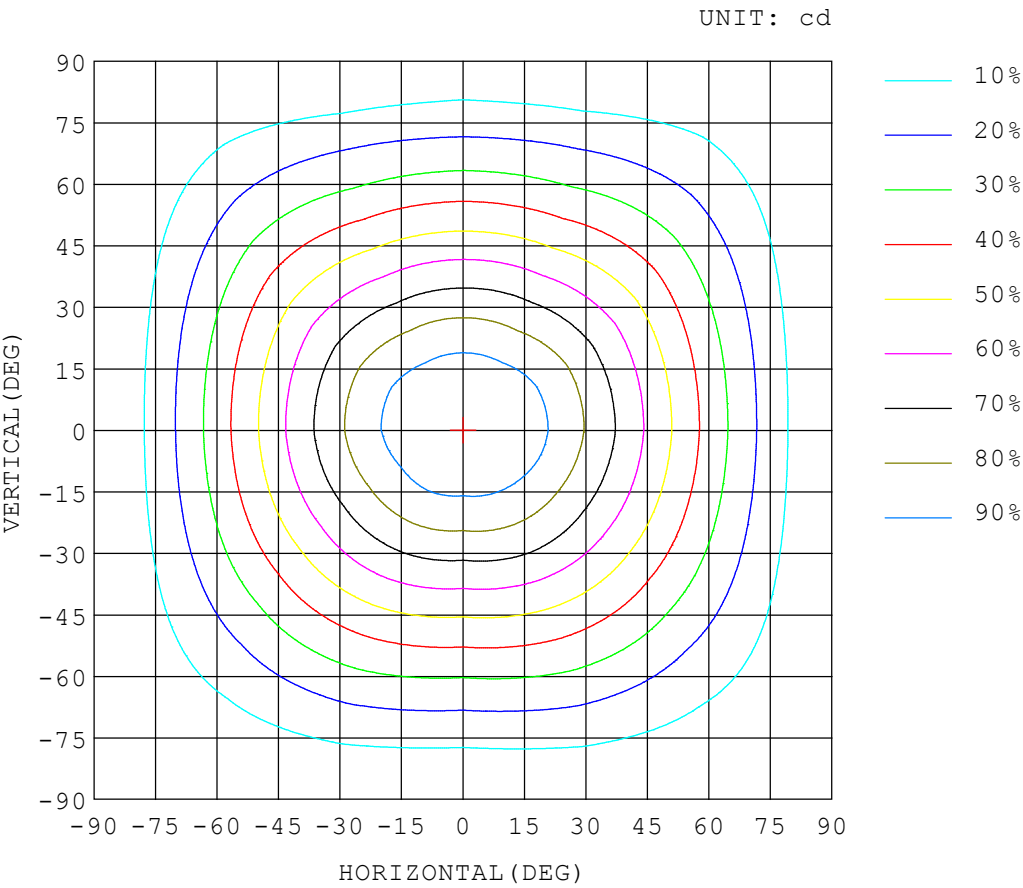
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



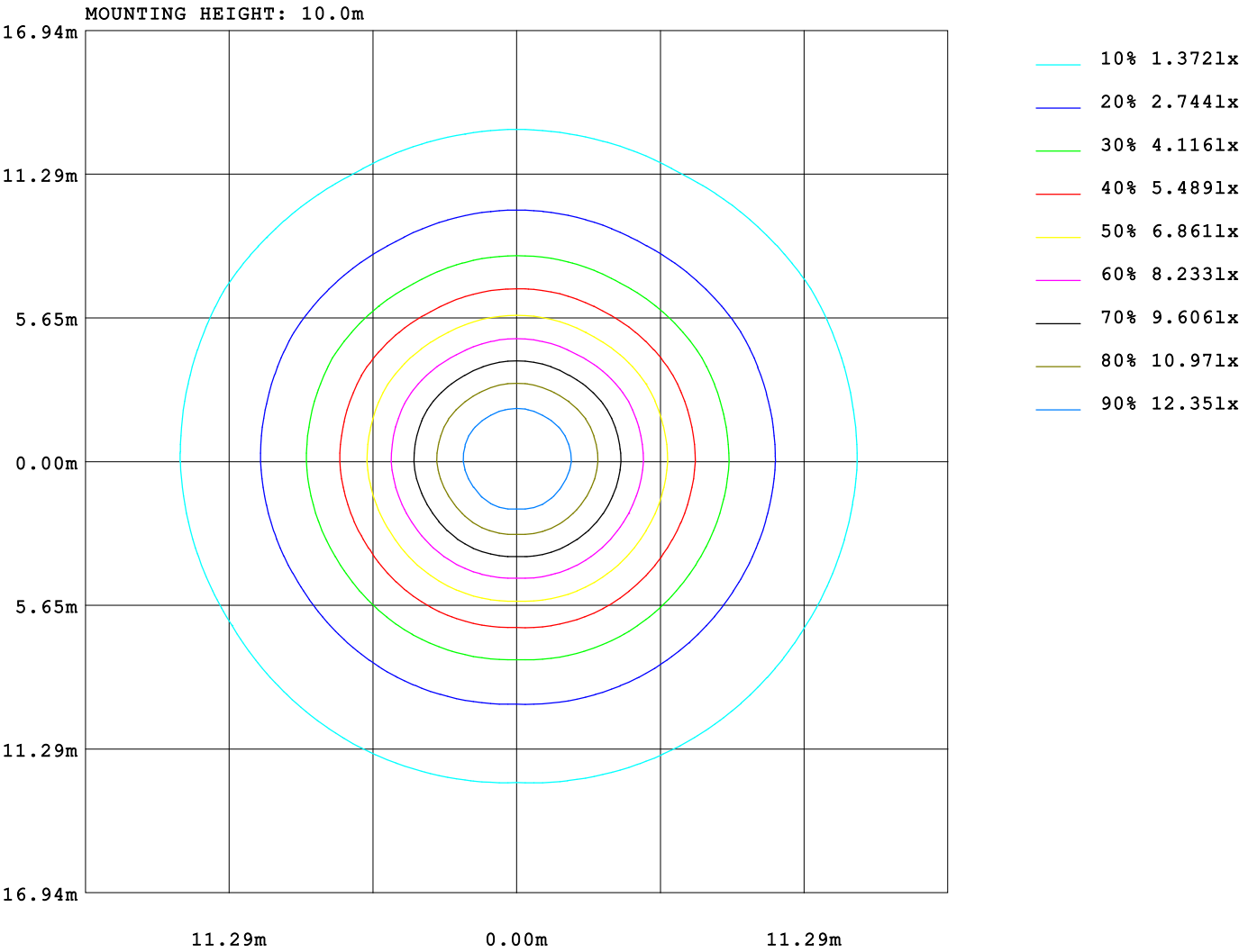
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019																			
NAME: VIRAJ 45										TYPE: .5W 4K CRI 90					WEIGHT:				
SPECIFICATION: FULHAM 600 MA										DIMENSION: 1200*46*70 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.17	0.41	0.72	1.03	1.34	1.70	2.10	2.41	2.44	2.18	1.83	1.50	1.20	0.88	0.53	0.23	0.05	20.8	0.08		
90	0.05	0.32	0.95	1.89	2.91	3.93	4.96	5.93	6.53	6.56	6.01	5.11	4.13	3.14	2.12	1.14	0.43	0.08	56.2	44.5		
80	0.07	0.52	1.66	3.40	5.40	7.43	9.17	10.6	11.4	11.5	10.6	9.25	7.57	5.60	3.61	1.88	0.66	0.10	101	97.8		
70	0.09	0.76	2.43	5.04	7.97	10.8	13.4	15.6	16.9	16.9	15.7	13.5	11.0	8.20	5.28	2.65	0.92	0.13	148	146		
60	0.11	1.00	3.19	6.57	10.5	14.5	18.0	20.9	22.7	22.7	21.0	18.1	14.7	10.7	6.84	3.43	1.16	0.15	197	196		
50	0.13	1.20	3.85	7.93	12.9	18.0	22.7	26.3	28.6	28.6	26.5	22.8	18.2	13.2	8.22	4.13	1.38	0.17	245	245		
40	0.14	1.37	4.38	9.03	14.8	21.2	26.9	31.4	34.1	34.2	31.5	27.1	21.4	15.1	9.34	4.68	1.56	0.19	289	288		
30	0.15	1.48	4.74	9.80	16.2	23.3	30.2	35.5	38.4	38.4	35.6	30.4	23.6	16.5	10.1	5.06	1.68	0.21	322	321		
20	0.16	1.53	4.91	10.1	16.8	24.4	31.7	37.6	40.7	40.8	37.8	32.0	24.7	17.2	10.5	5.25	1.74	0.21	339	338		
10	0.15	1.51	4.86	10.0	16.6	24.1	31.3	37.1	40.3	40.4	37.4	31.7	24.5	17.1	10.4	5.20	1.73	0.21	335	335		
0	0.15	1.43	4.59	9.47	15.6	22.4	29.1	34.5	37.5	37.6	34.9	29.5	22.9	16.0	9.85	4.92	1.64	0.20	313	312		
-10	0.13	1.29	4.14	8.51	13.9	19.9	25.8	30.4	32.8	32.9	30.7	26.2	20.4	14.4	8.88	4.46	1.49	0.19	277	276		
-20	0.12	1.10	3.53	7.26	11.8	16.9	21.6	25.3	27.1	27.2	25.5	22.0	17.3	12.2	7.63	3.84	1.29	0.16	232	231		
-30	0.10	0.89	2.82	5.81	9.53	13.5	17.2	19.8	21.1	21.2	20.0	17.5	13.9	9.92	6.16	3.10	1.06	0.14	184	183		
-40	0.08	0.65	2.05	4.25	7.11	10.1	12.8	14.6	15.4	15.5	14.8	13.0	10.4	7.45	4.56	2.31	0.81	0.11	136	134		
-50	0.06	0.42	1.31	2.73	4.63	6.68	8.47	9.60	10.0	10.1	9.75	8.69	6.95	4.92	3.01	1.53	0.55	0.09	89.6	85.3		
-60	0.05	0.23	0.65	1.39	2.41	3.53	4.47	5.01	5.22	5.26	5.13	4.65	3.75	2.65	1.60	0.82	0.33	0.07	47.2	30.9		
-70	0.03	0.12	0.26	0.46	0.78	1.16	1.44	1.57	1.59	1.62	1.63	1.55	1.28	0.90	0.56	0.33	0.17	0.05	15.5	0.00		
-80	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90	
-90	Φ t	1.79	16.0	50.8	105	171	244	311	364	394	394	367	316	249	177	110	55.3	18.8	2.51	3351		
	Φ a	0.00	9.98	45.9	99.8	167	239	307	359	388	390	363	311	244	172	105	50.7	13.3	0.00		3272	

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

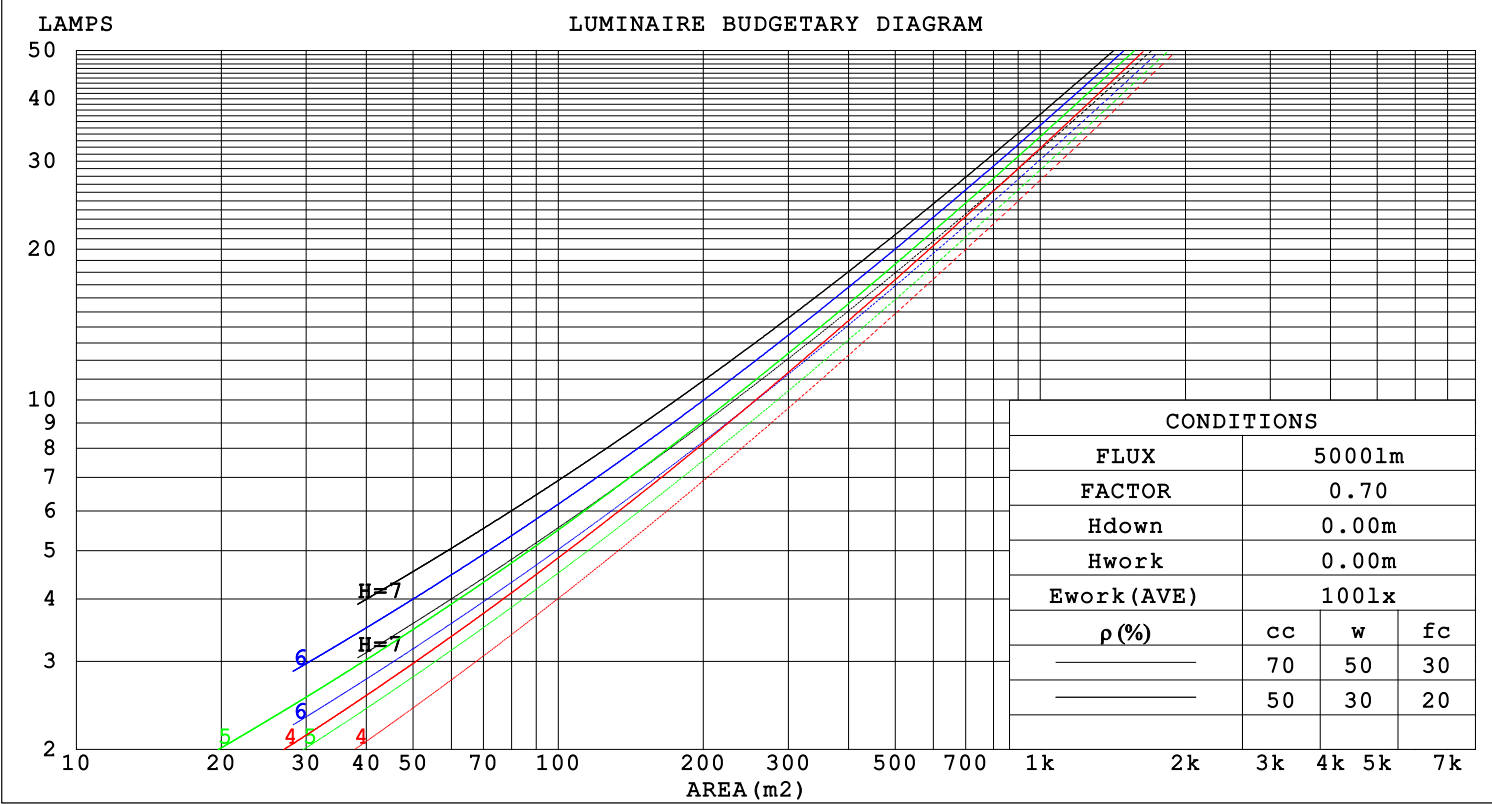
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019															
NAME: VIRAJ 45								TYPE: .5W 4K CRI 90				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	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.90	.83	.78	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.36	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.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: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019														
NAME: VIRAJ 45								TYPE: .5W 4K CRI 90				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	.301	.171	.054	.294	.167	.053	.280	.161	.051	.268	.155	.050	.257	.149	.048	
2.0	.282	.155	.047	.276	.152	.047	.265	.147	.046	.254	.142	.045	.244	.138	.044	
3.0	.262	.139	.042	.256	.137	.041	.246	.133	.041	.237	.130	.040	.228	.126	.039	
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.224	.114	.033	.220	.113	.033	.212	.110	.032	.204	.108	.032	.197	.105	.032	
6.0	.208	.104	.030	.204	.103	.030	.197	.101	.029	.191	.099	.029	.184	.097	.029	
7.0	.194	.096	.027	.191	.095	.027	.184	.093	.027	.178	.091	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024	
9.0	.170	.082	.023	.168	.082	.023	.163	.080	.023	.158	.079	.023	.153	.078	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.145	.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	.075	.140	.099	.065	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.087	.055	.030	.051	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.079	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.127	.069	.029	.110	.060	.025	.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	.116	.060	.023	.100	.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: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019											
NAME: VIRAJ 45					TYPE: .5W 4K CRI 90			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	20.8	22.2	21.0	22.4	22.6	20.2	21.6	20.4	21.8	22.0	
	22.2	23.5	22.5	23.8	24.0	21.4	22.8	21.7	23.0	23.3	
	22.7	24.0	23.0	24.3	24.5	21.9	23.2	22.2	23.5	23.7	
	23.1	24.3	23.4	24.6	24.8	22.2	23.5	22.6	23.7	24.0	
	23.1	24.3	23.5	24.6	24.9	22.3	23.5	22.6	23.8	24.1	
	23.2	24.3	23.5	24.6	24.9	22.3	23.5	22.7	23.8	24.1	
4H	2H	21.2	22.5	21.6	22.8	23.0	20.8	22.1	21.1	22.3	22.6
	3H	22.8	23.9	23.2	24.2	24.5	22.3	23.4	22.6	23.7	24.0
	4H	23.5	24.5	23.8	24.8	25.1	22.9	23.9	23.2	24.2	24.6
	6H	23.9	24.8	24.3	25.2	25.6	23.3	24.2	23.7	24.6	25.0
	8H	24.0	24.9	24.4	25.3	25.6	23.4	24.3	23.8	24.6	25.0
	12H	24.1	24.9	24.5	25.3	25.7	23.5	24.3	23.9	24.7	25.1
8H	4H	23.6	24.5	24.1	24.9	25.3	23.1	24.0	23.5	24.4	24.7
	6H	24.2	24.9	24.7	25.3	25.8	23.7	24.4	24.2	24.8	25.3
	8H	24.4	25.0	24.8	25.4	25.9	23.9	24.5	24.3	24.9	25.4
	12H	24.5	25.1	25.0	25.5	26.0	24.1	24.6	24.5	25.0	25.5
12H	4H	23.6	24.4	24.1	24.8	25.2	23.1	23.9	23.6	24.3	24.7
	6H	24.2	24.9	24.7	25.3	25.7	23.8	24.4	24.2	24.8	25.3
	8H	24.4	25.0	24.9	25.4	25.9	24.0	24.5	24.4	25.0	25.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 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 3351 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.2)

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:8.500 m
 Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	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	60	48	42	59	48	42	58	48	41	35
0.80	70	58	51	69	58	51	67	57	51	44
1.00	78	67	60	77	66	60	74	68	59	52
1.25	85	75	68	83	74	67	81	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	94	87	81	91	84	79	72
2.50	100	92	86	98	91	86	94	88	84	76
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	95	100	96	93	84
5.00	109	104	100	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

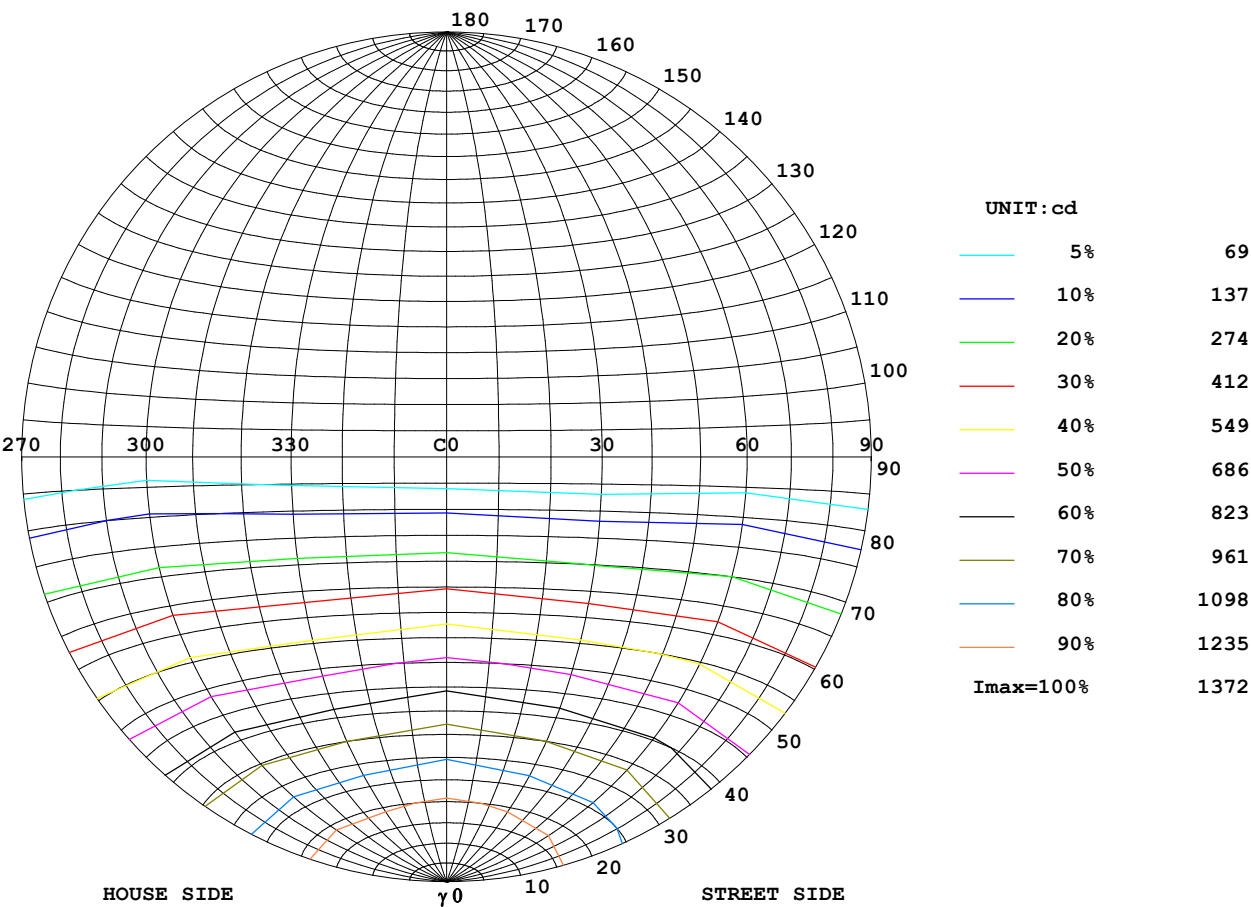
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-08-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



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

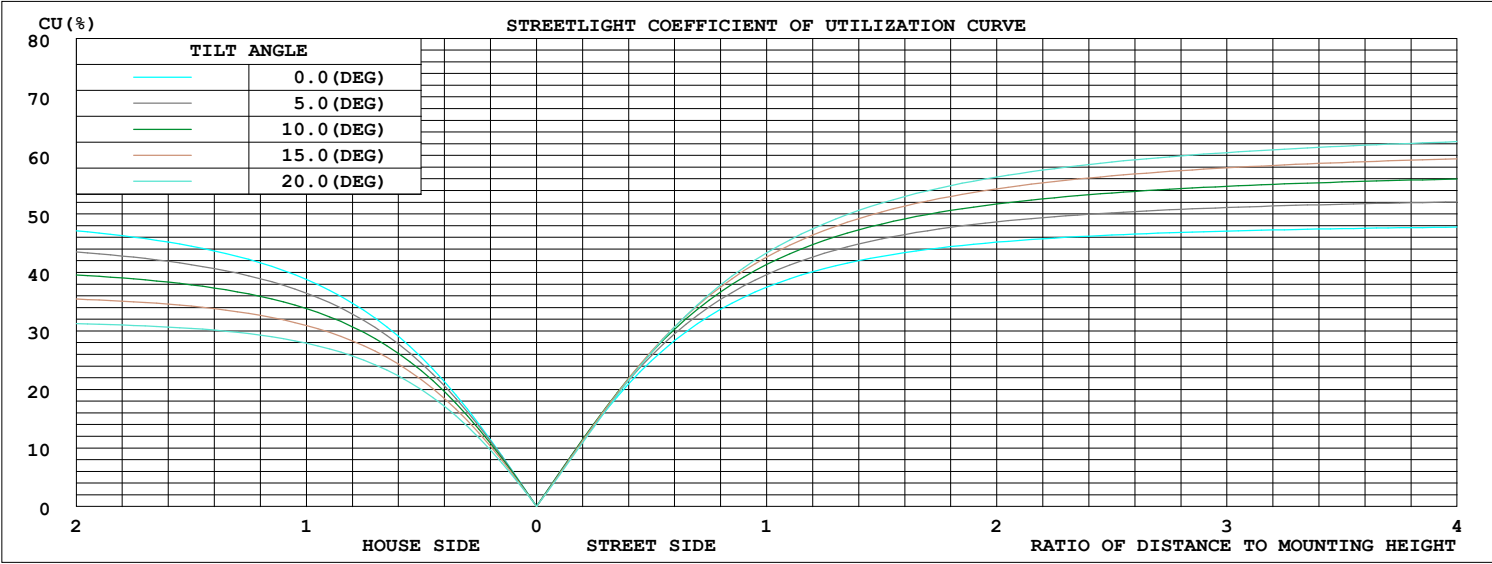
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 13.72 lx



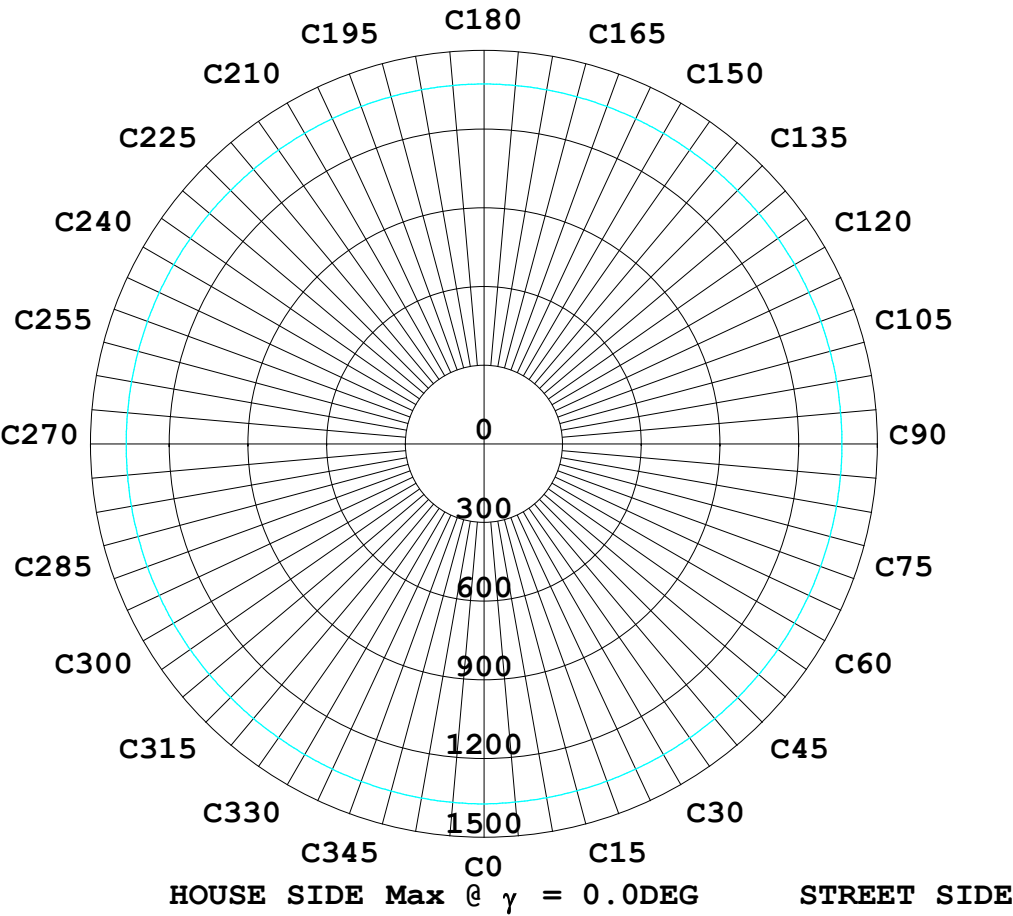
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-08-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1372	1368	1367	1364	1367	1367	1372	1368	1367	1364	1367	1367
5.0	1364	1357	1353	1346	1354	1351	1362	1363	1361	1362	1362	1362
10.0	1339	1325	1319	1308	1316	1319	1333	1339	1334	1335	1334	1340
15.0	1299	1277	1265	1249	1261	1267	1292	1295	1285	1285	1285	1301
20.0	1247	1224	1198	1176	1193	1203	1234	1238	1218	1220	1222	1246
25.0	1172	1140	1116	1088	1109	1125	1160	1168	1139	1142	1142	1175
30.0	1091	1053	1028	994	1017	1036	1079	1085	1051	1051	1053	1092
35.0	1003	960	935	896	923	942	987	992	954	954	960	1002
40.0	907	862	832	794	823	843	890	897	852	856	859	906
45.0	806	763	732	696	723	741	787	797	753	756	756	808
50.0	706	662	637	602	627	642	683	695	652	658	656	707
55.0	604	561	542	509	533	541	582	596	555	564	560	608
60.0	502	462	451	417	442	442	478	497	459	471	464	509
65.0	405	368	362	331	353	349	377	397	367	382	372	411
70.0	306	272	274	244	266	254	276	304	297	300	298	319
75.0	210	185	192	168	183	168	183	211	195	218	202	222
80.0	125	108	120	102	113	93.9	98.6	128	122	145	129	144
85.0	53.2	44.0	56.4	43.9	50.7	33.3	34.1	60.0	58.7	79.9	65.1	73.4
90.0	13.2	11.1	21.0	17.1	20.5	10.8	7.80	15.1	17.7	28.6	20.9	20.2

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:8.500 m
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