

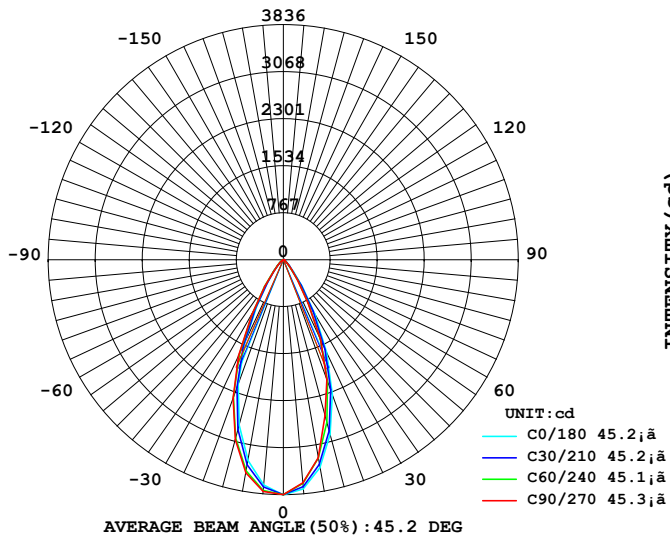
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

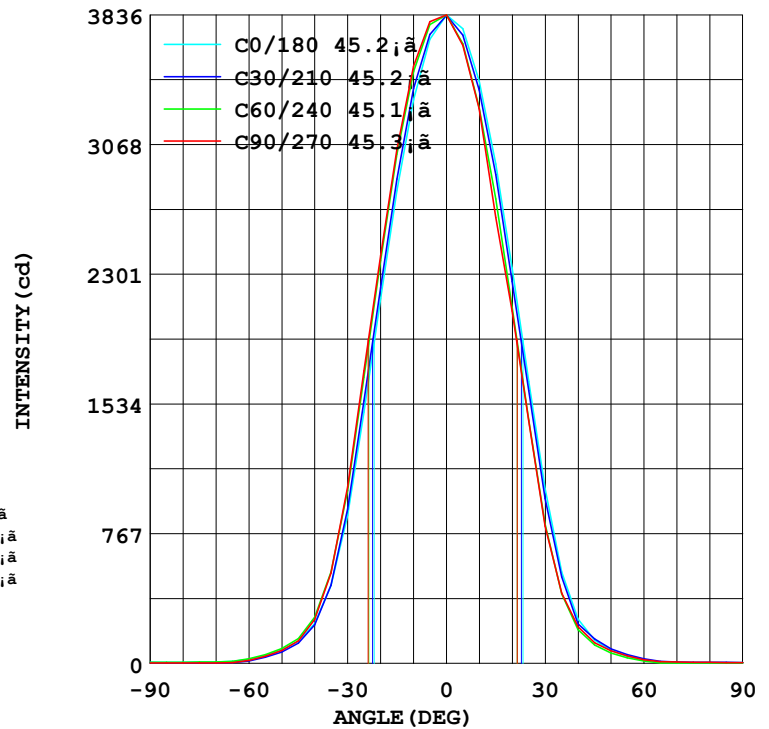
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3836	S/MH (C0/180)	0.70
MODEL	VIRAJ XTD 20	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.74
NOMINAL POWER (W)	25	TOTAL FLUX (lm)	2355.4	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	95.6	Current (A)	0.114
NOMINAL FLUX (lm)	2355.4	η up (%)	0.0	Power (W)	24.62
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	2115.2	EEI	0.159

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 03-11-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 9.000 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

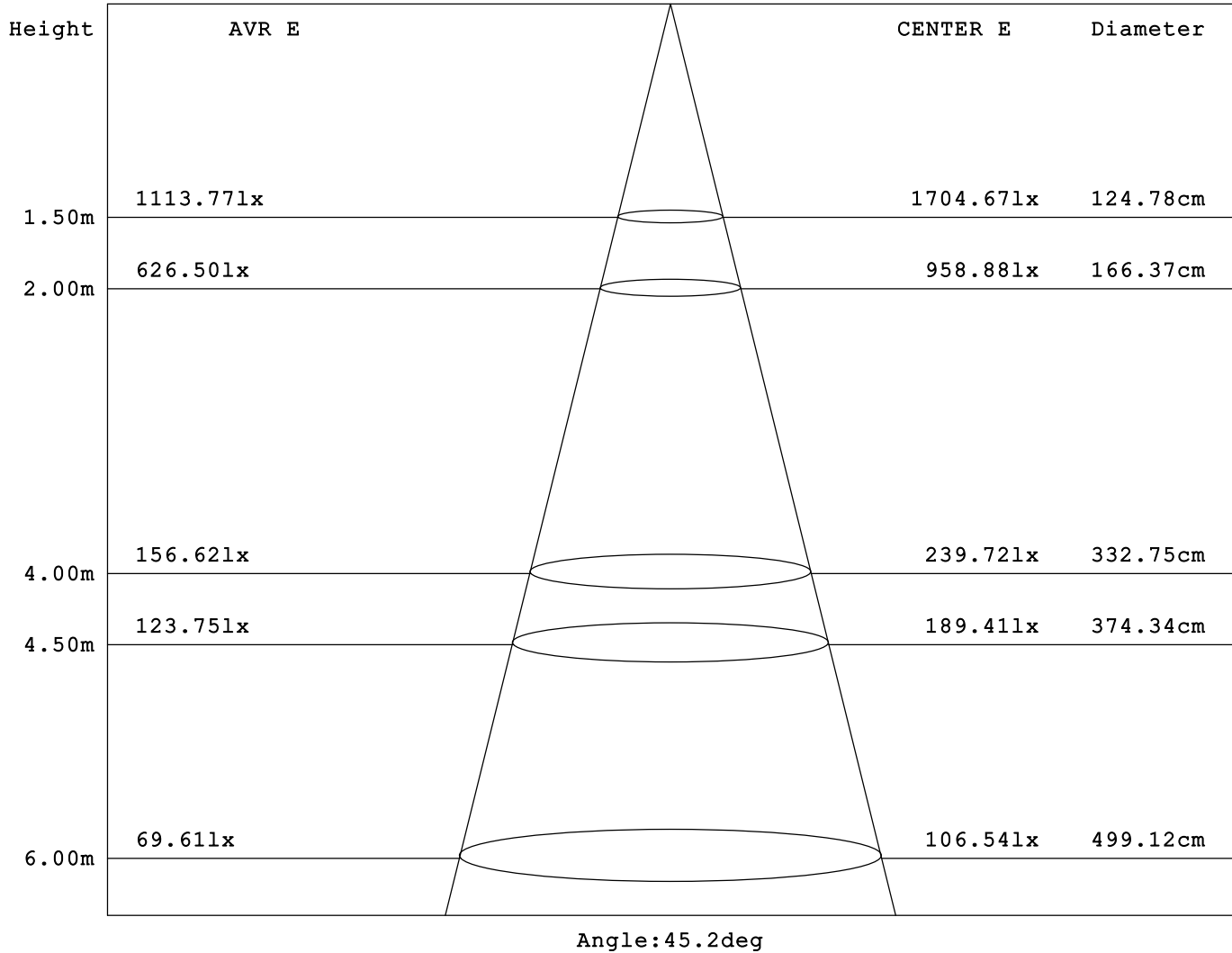
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3333	3450	3531	3474	3445	3340	3281	3270	0- 10	344.1	344.1
20.0	2156	2301	2410	2344	2337	2182	2084	2077	10- 20	788.1	1132
30.0	874.3	967.3	1043	1065	1034	899.6	813.6	805.8	20- 30	716.4	1849
40.0	236.0	250.7	259.3	280.9	261.6	216.8	216.6	213.0	30- 40	331.0	2180
50.0	78.73	77.55	75.73	85.09	76.86	73.54	74.52	71.27	40- 50	111.1	2291
60.0	23.00	20.69	18.79	25.55	20.65	20.08	22.35	19.68	50- 60	41.51	2332
70.0	8.991	5.751	2.430	7.047	4.050	5.467	8.262	7.533	60- 70	11.08	2343
80.0	7.371	5.062	2.592	6.156	3.969	4.293	6.318	6.804	70- 80	6.115	2350
90.0	7.047	5.508	3.645	6.399	5.184	3.685	4.860	7.006	80- 90	5.845	2355
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:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
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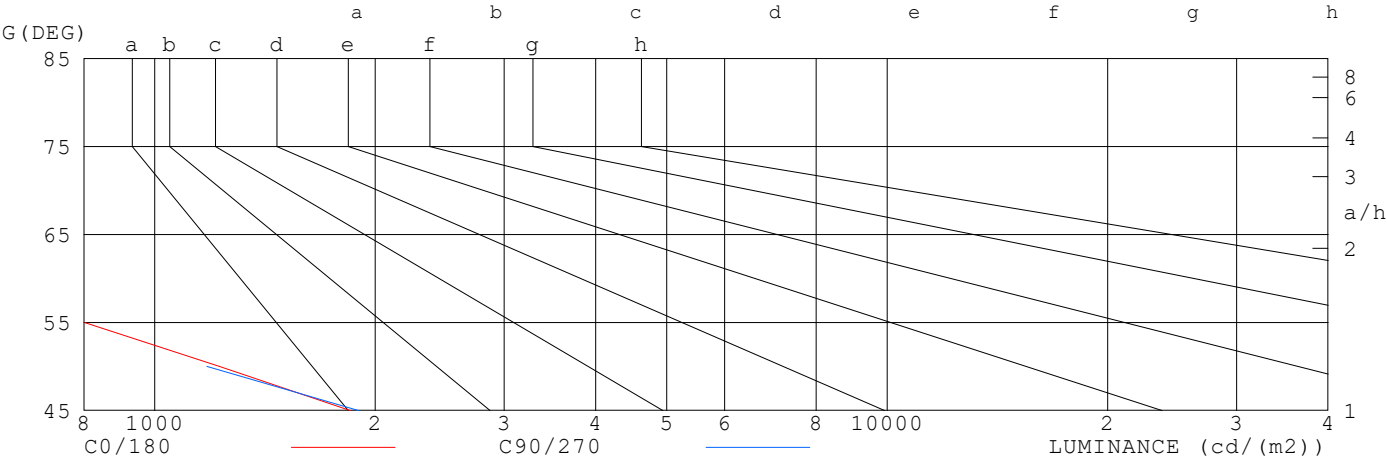
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	818	325
80	424	149
75	313	94
70	263	71
65	270	117
60	460	376
55	802	744
50	1225	1178
45	1849	1898

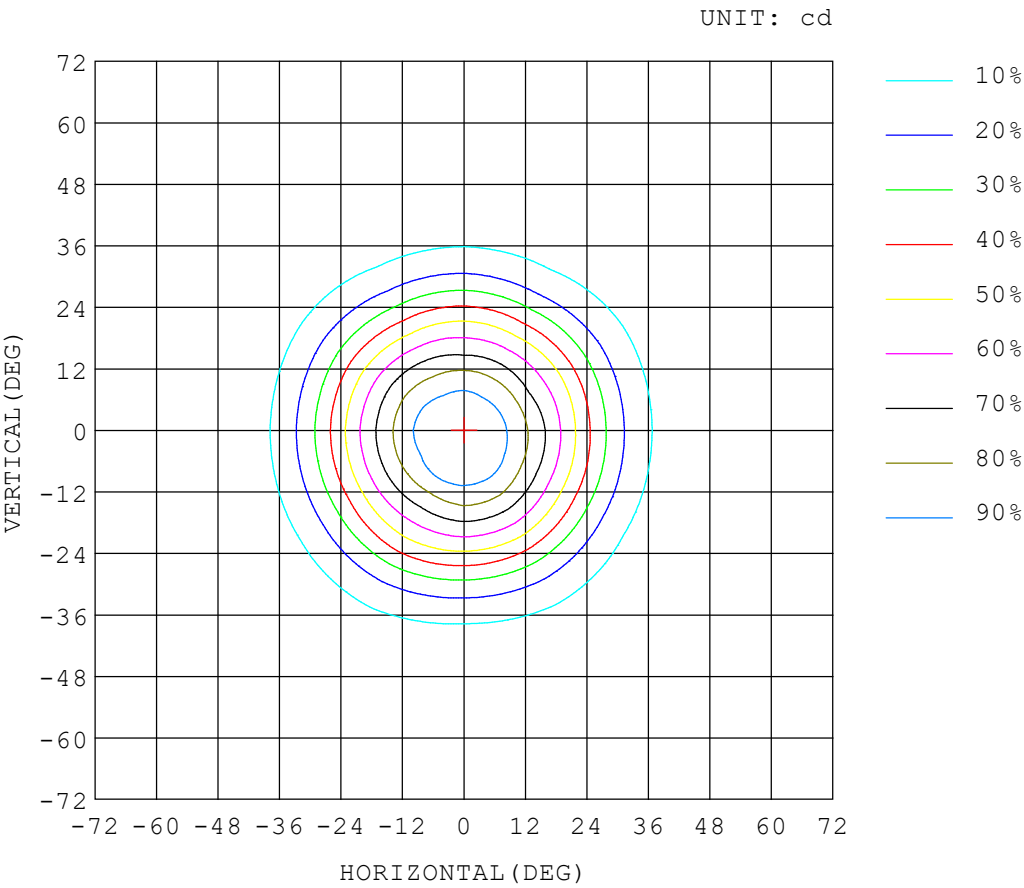
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



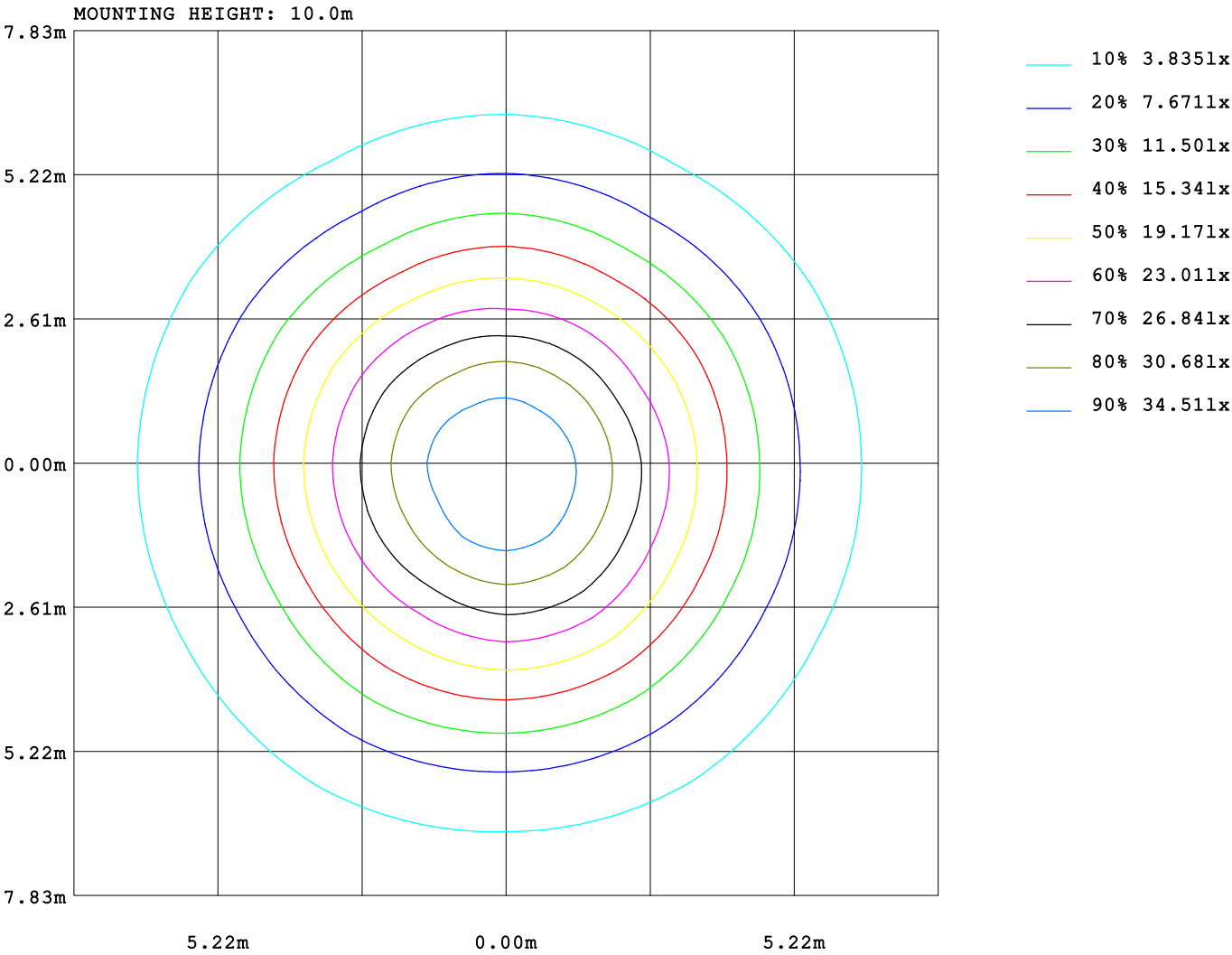
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ XTD 20

TYPE: .5W 3000K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*42*36.5 MM

SERIAL No.:

72	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.04	0.06	0.07	0.07	0.06	0.05	0.08	0.12	0.16	0.17	0.15	0.12	0.11	0.11	0.10	0.09	0.07	0.05	1.69	0.00	
64	0.04	0.07	0.09	0.09	0.10	0.13	0.22	0.34	0.44	0.45	0.36	0.25	0.17	0.14	0.12	0.10	0.08	0.05	3.23	0.00	
56	0.04	0.07	0.12	0.19	0.32	0.48	0.71	0.98	1.17	1.17	0.98	0.72	0.48	0.32	0.19	0.12	0.09	0.06	8.20	0.00	
48	0.04	0.08	0.19	0.42	0.75	1.14	1.61	2.26	2.73	2.71	2.22	1.58	1.11	0.72	0.40	0.19	0.10	0.06	18.3	0.00	
40	0.04	0.10	0.32	0.77	1.41	2.37	3.82	5.84	7.43	7.34	5.66	3.68	2.27	1.34	0.72	0.31	0.12	0.06	43.6	11.9	
32	0.04	0.14	0.47	1.16	2.43	5.06	9.92	15.7	20.1	19.7	14.9	9.13	4.76	2.32	1.10	0.45	0.15	0.07	108	88.9	
24	0.04	0.18	0.62	1.60	3.98	10.5	21.2	32.1	39.1	38.6	30.6	19.3	9.33	3.76	1.52	0.61	0.19	0.07	214	201	
VERTICAL (DEG)	0.04	0.21	0.73	2.04	6.07	17.0	33.4	48.6	57.3	56.5	46.0	30.7	14.8	5.41	1.93	0.73	0.23	0.07	322	311	
	0.04	0.22	0.78	2.33	7.71	21.4	41.0	59.4	69.8	68.8	56.4	37.8	18.7	6.68	2.18	0.80	0.25	0.07	395	384	
	0.04	0.22	0.77	2.34	7.79	21.6	41.4	60.1	71.4	71.0	58.3	38.6	19.0	6.71	2.16	0.78	0.24	0.07	403	393	
	0.04	0.19	0.69	2.03	6.29	17.6	34.7	51.3	62.2	62.5	50.8	32.7	15.5	5.45	1.86	0.69	0.21	0.06	345	335	
	0.03	0.15	0.57	1.53	4.24	11.4	24.1	37.1	45.0	45.1	36.4	22.4	10.0	3.70	1.39	0.54	0.16	0.06	244	232	
-24	0.03	0.11	0.41	1.06	2.55	6.11	12.7	20.5	25.1	24.7	19.4	11.6	5.43	2.24	0.96	0.37	0.11	0.05	134	119	
-32	0.03	0.06	0.25	0.68	1.49	3.00	5.48	8.04	9.66	9.48	7.61	5.01	2.69	1.34	0.60	0.21	0.07	0.04	55.7	28.6	
-40	0.03	0.04	0.13	0.39	0.86	1.52	2.32	2.98	3.27	3.21	2.82	2.15	1.40	0.77	0.32	0.09	0.05	0.04	22.4	0.00	
-48	0.03	0.04	0.06	0.18	0.43	0.78	1.07	1.23	1.27	1.25	1.18	1.00	0.69	0.36	0.14	0.05	0.04	0.04	9.85	0.00	
-56	0.03	0.04	0.05	0.10	0.19	0.32	0.41	0.45	0.43	0.42	0.41	0.36	0.27	0.15	0.08	0.04	0.03	0.03	3.80	0.00	
-64	0.03	0.04	0.06	0.09	0.13	0.17	0.16	0.13	0.10	0.09	0.12	0.14	0.15	0.11	0.07	0.05	0.03	0.03	1.69	0.00	
-72																					
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																					
Φ t	0.67	2.01	6.39	17.1	46.8	121	235	348	417	414	335	218	107	41.6	15.8	6.22	2.19	1.00	2355		
Φ a	0.00	0.00	0.00	0.00	22.0	103	219	333	403	399	319	202	88.6	15.0	0.00	0.00	0.00	0.00		2115	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-11-2025

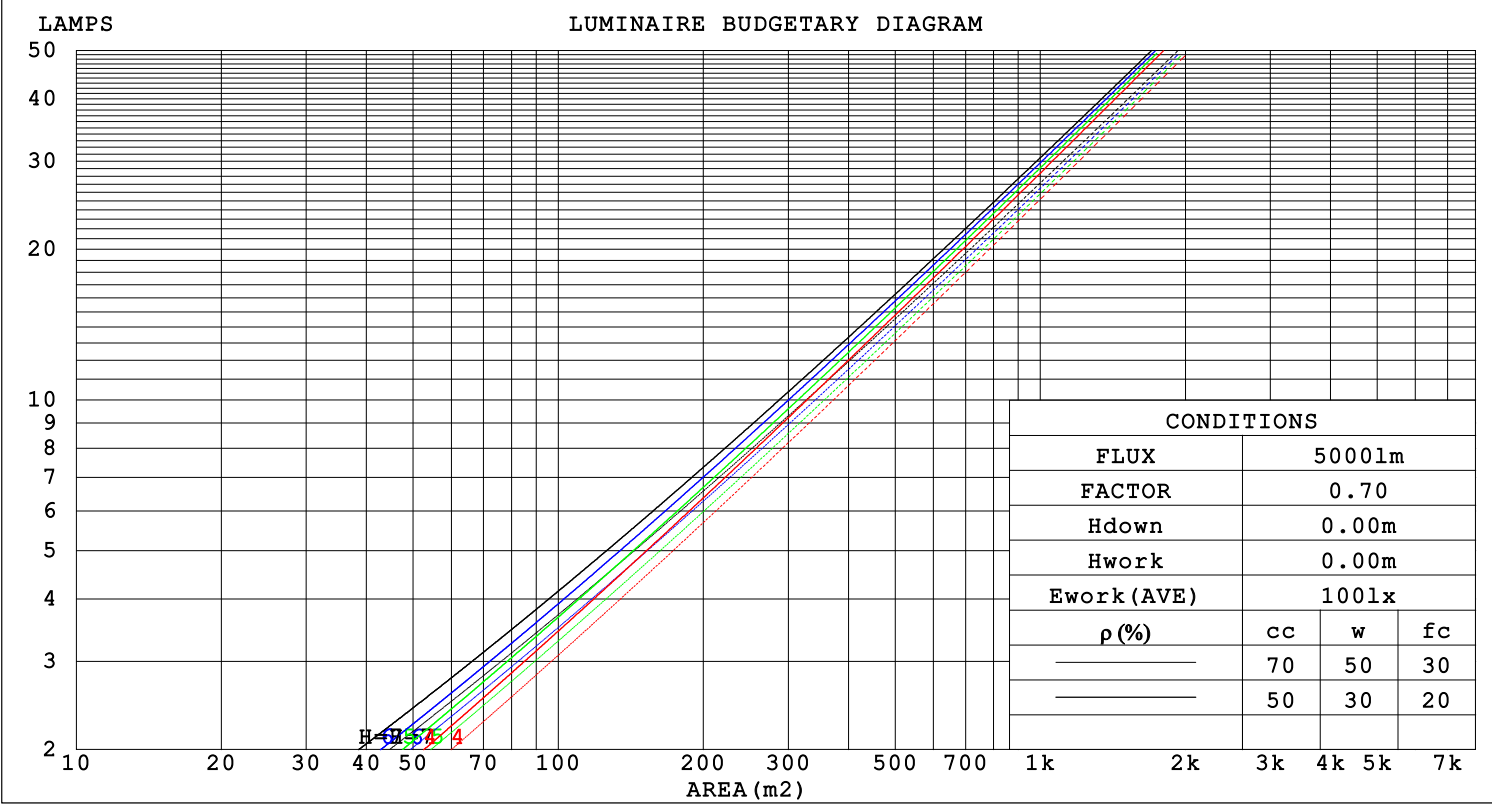
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 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	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94														
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.93	.96	.94	.91	.93	.91	.90	.88														
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83														
4.0	.91	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78														
5.0	.86	.81	.77	.85	.80	.76	.84	.79	.76	.82	.78	.75	.80	.77	.74	.73														
6.0	.81	.76	.72	.81	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69														
7.0	.77	.72	.68	.77	.71	.67	.75	.71	.67	.74	.70	.67	.73	.69	.66	.65														
8.0	.73	.68	.64	.73	.67	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.62														
9.0	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.67	.63	.60	.58														
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.56														



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ XTD 20

TYPE: .5W 3000K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*42*36.5 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	.173	.098	.031	.166	.095	.030	.154	.088	.028	.142	.082	.026	.132	.076	.025	
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.026	.138	.077	.024	.129	.073	.023	
3.0	.155	.083	.025	.150	.081	.024	.141	.077	.023	.133	.073	.022	.125	.069	.021	
4.0	.147	.076	.022	.143	.075	.022	.135	.072	.021	.128	.069	.021	.121	.066	.020	
5.0	.140	.071	.021	.136	.070	.020	.130	.067	.020	.123	.065	.019	.118	.063	.019	
6.0	.133	.067	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	.114	.060	.018	
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.114	.059	.017	.110	.057	.017	
8.0	.121	.059	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016	
9.0	.116	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015	
10.0	.112	.053	.015	.110	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.132	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.037	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.036	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.055	.033	.017	.032	.019	.010	.010	.006	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 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	8.0	8.9	8.2	9.0	9.2	8.9	9.8	9.1	10.0	10.1
3H	7.9	8.7	8.1	8.9	9.1	8.8	9.6	9.0	9.8	10.0
4H	7.8	8.6	8.1	8.8	9.1	8.7	9.5	9.0	9.7	9.9
6H	7.9	8.6	8.2	8.8	9.1	8.6	9.4	8.9	9.6	9.9
8H	7.9	8.6	8.2	8.9	9.1	8.6	9.3	8.9	9.6	9.8
12H	8.1	8.7	8.4	9.0	9.3	8.6	9.3	8.9	9.5	9.8
4H 2H	7.8	8.6	8.1	8.8	9.0	8.7	9.5	9.0	9.7	9.9
3H	7.7	8.3	8.0	8.6	8.9	8.6	9.3	8.9	9.5	9.8
4H	7.7	8.3	8.0	8.6	8.9	8.5	9.1	8.9	9.4	9.8
6H	7.7	8.3	8.1	8.6	8.9	8.5	9.0	8.9	9.4	9.7
8H	7.8	8.3	8.2	8.7	9.1	8.5	9.0	8.9	9.4	9.7
12H	8.1	8.5	8.5	8.9	9.3	8.5	9.0	8.9	9.4	9.7
8H 4H	7.5	8.1	7.9	8.4	8.8	8.4	8.9	8.8	9.3	9.6
6H	7.6	8.1	8.1	8.4	8.9	8.5	8.9	8.9	9.3	9.7
8H	7.8	8.2	8.2	8.6	9.0	8.5	8.9	9.0	9.3	9.8
12H	8.1	8.5	8.6	8.9	9.4	8.7	9.0	9.1	9.4	9.9
12H 4H	7.5	8.0	7.9	8.4	8.7	8.4	8.8	8.8	9.2	9.6
6H	7.6	8.0	8.1	8.4	8.9	8.4	8.8	8.9	9.2	9.7
8H	7.8	8.1	8.3	8.6	9.0	8.6	8.9	9.0	9.3	9.8

Variations with the observer position at spacings:

S = 1.0H	+ 2.2 / - 4.0	+ 2.2 / - 4.8
1.5H	+ 3.5 / - 4.4	+ 3.5 / - 3.4
2.0H	+ 4.5 / - 3.9	+ 4.1 / - 4.4

CIE Pub.117 Corrected 2355 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 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	87	80	77	86	80	76	86	80	76	73
0.80	94	88	85	94	88	85	92	87	84	80
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

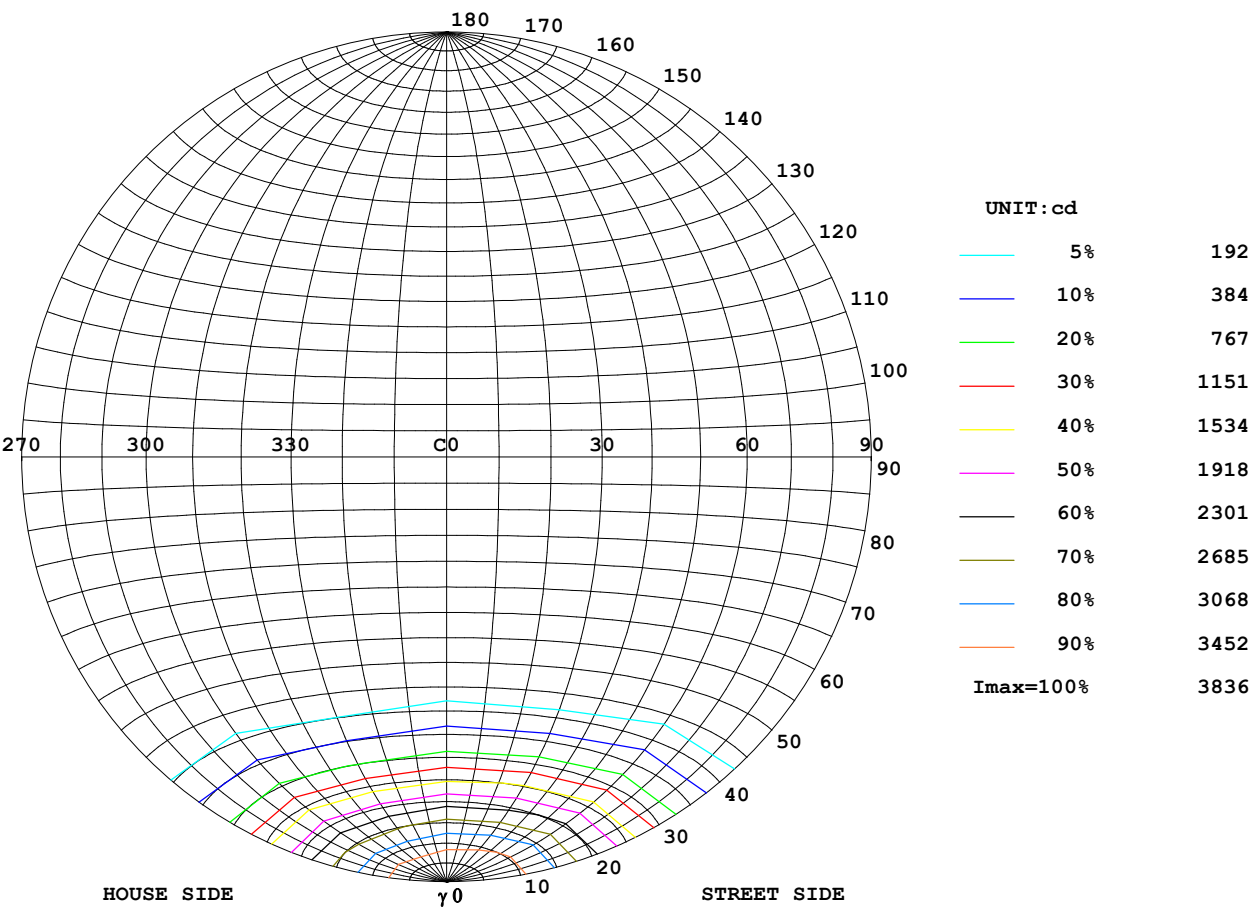
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

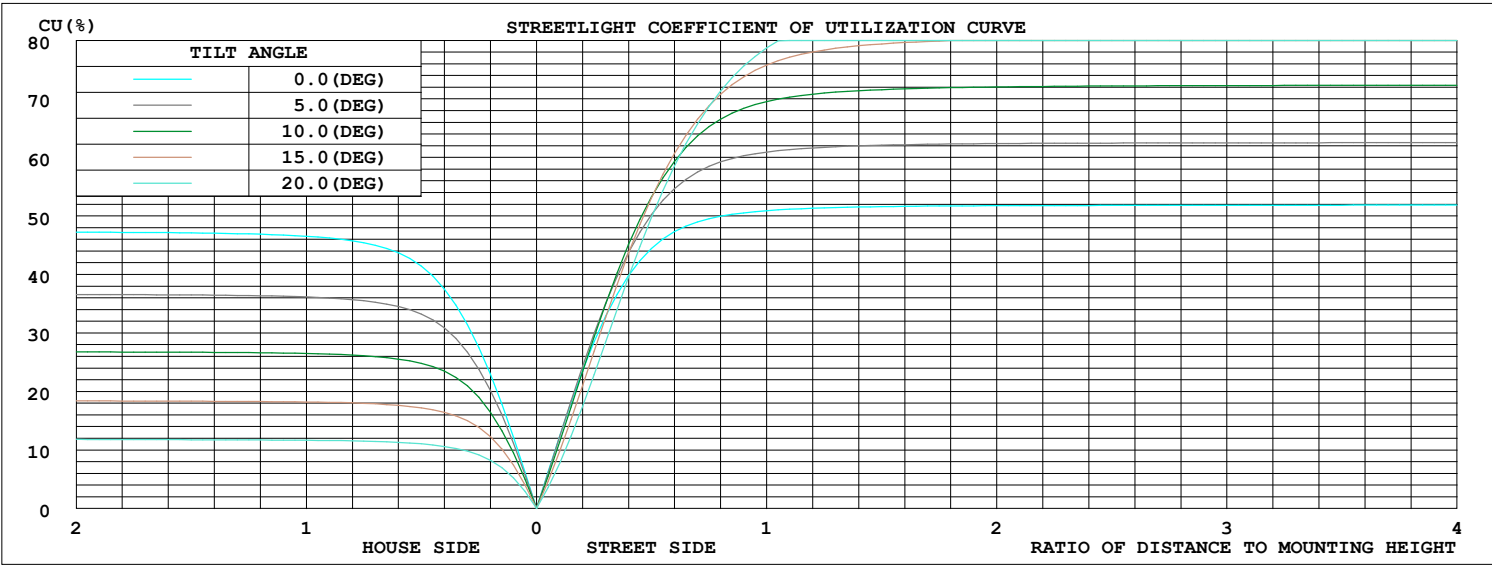
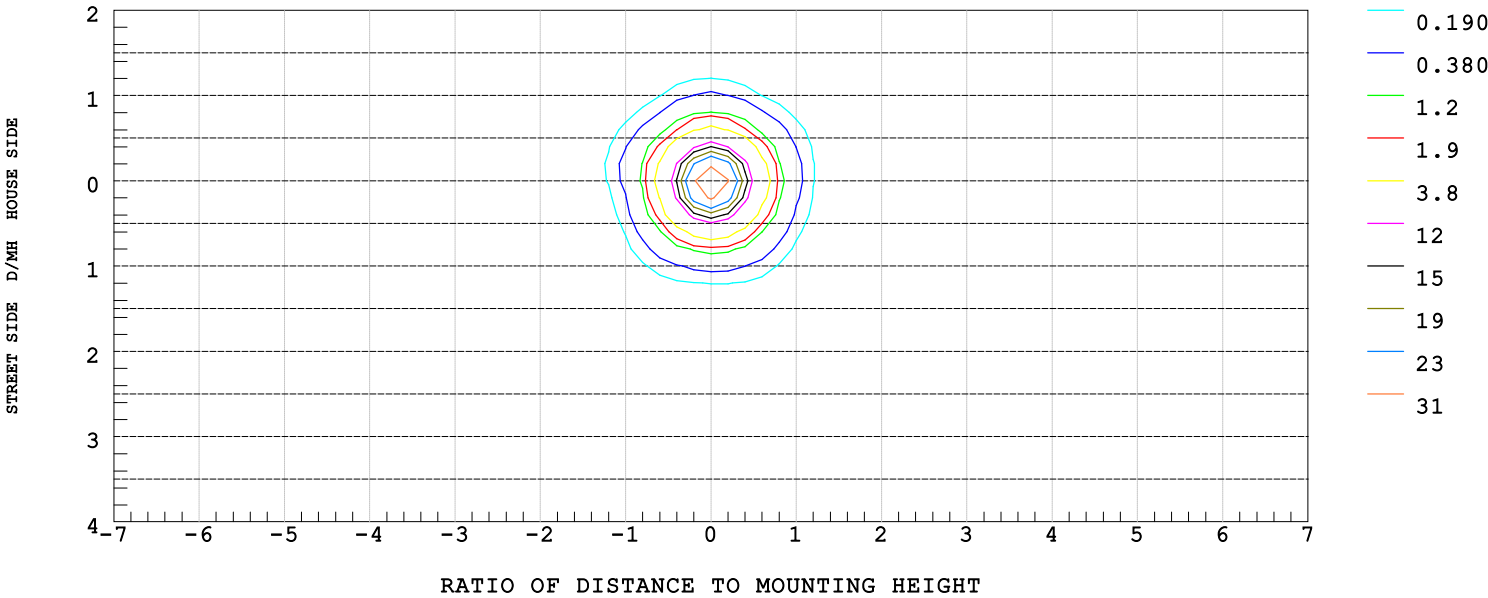
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 38.36 lx



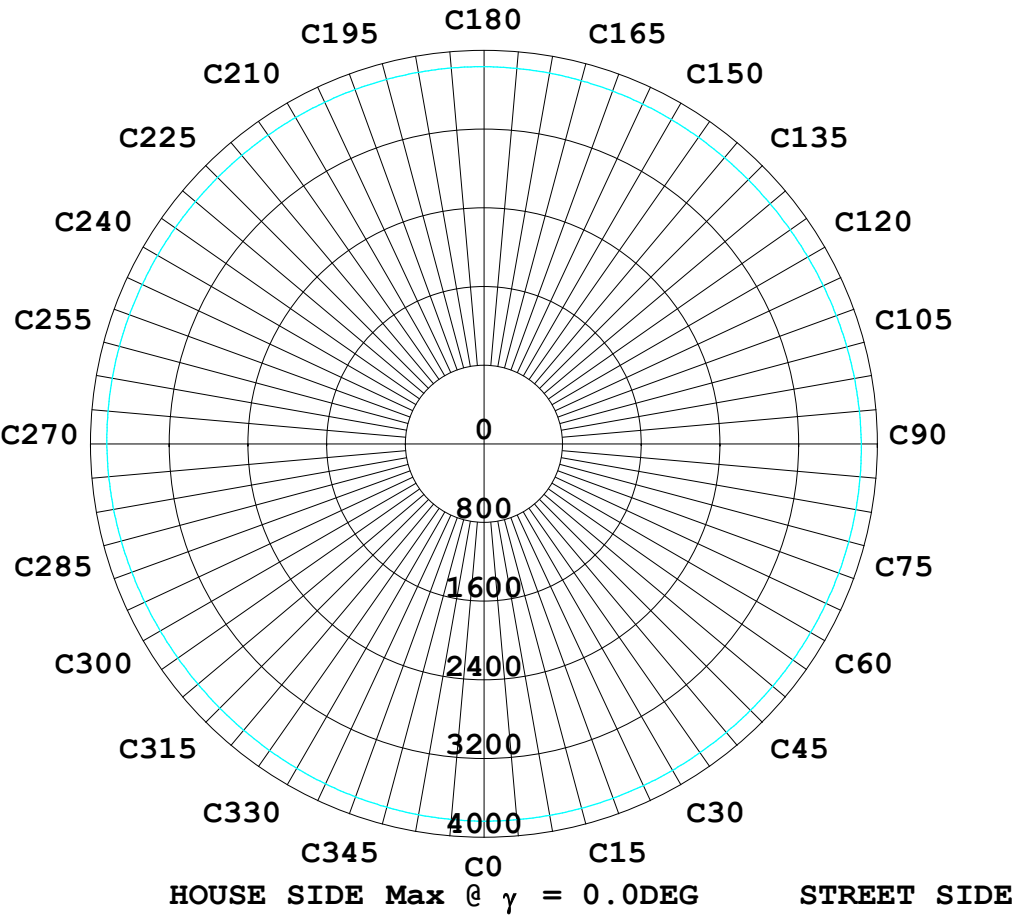
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3836	3832	3834	3835	3801	3809	3836	3832	3834	3835	3801	3809
5.0	3691	3720	3779	3795	3777	3741	3753	3715	3665	3655	3620	3648
10.0	3333	3400	3499	3531	3516	3432	3445	3392	3289	3281	3254	3285
15.0	2795	2864	3012	3040	2937	2964	2952	2891	2747	2637	2654	2637
20.0	2156	2220	2382	2410	2350	2337	2337	2259	2106	2084	2034	2119
25.0	1485	1553	1693	1730	1762	1660	1668	1613	1439	1434	1363	1456
30.0	874	912	1022	1043	1099	1031	1034	975	824	814	761	850
35.0	461	463	541	534	582	539	541	512	411	415	389	449
40.0	236	228	274	259	301	261	262	234	200	217	193	233
45.0	131	120	147	134	160	137	137	144	109	123	104	134
50.0	78.7	67.2	87.8	75.7	94.0	76.1	76.8	85.2	61.8	74.5	62.2	80.3
55.0	46.0	36.8	52.4	42.6	57.5	42.5	43.2	51.2	33.6	44.3	34.3	46.8
60.0	23.0	14.7	26.6	18.7	31.2	19.8	20.6	26.5	13.6	22.3	15.1	24.2
65.0	11.4	3.80	11.8	4.94	14.5	6.07	6.64	11.9	3.40	10.6	6.64	11.8
70.0	8.99	2.67	8.82	2.43	10.4	3.64	4.05	8.66	2.26	8.26	5.83	9.23
75.0	8.10	2.75	7.77	2.43	9.15	3.64	3.96	7.45	2.10	7.12	5.99	8.18
80.0	7.37	2.99	7.12	2.59	8.50	3.80	3.96	6.48	2.10	6.31	6.23	7.37
85.0	7.12	3.48	6.80	2.83	8.10	4.13	3.96	5.83	2.02	5.58	6.56	6.72
90.0	7.04	4.45	6.56	3.64	7.77	5.02	5.18	5.02	2.34	4.86	7.93	6.07

Test System:HOPOO HPG1800
Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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