

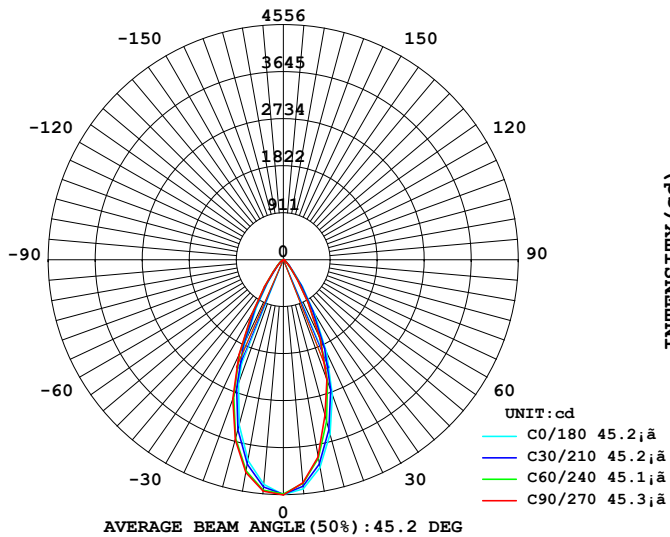
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

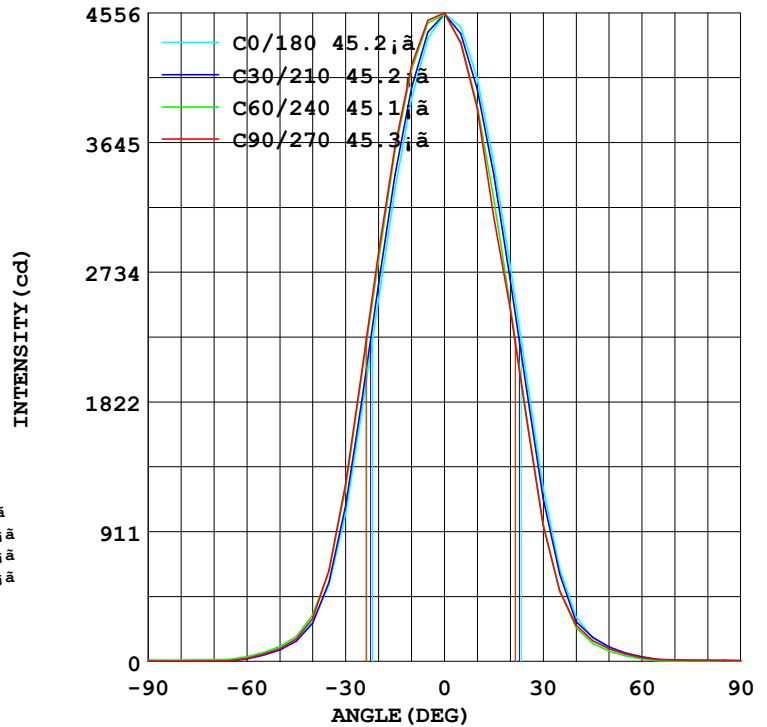
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	4556	S/MH (C0/180)	0.69
MODEL	VIRAJ XTD 20	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.74
NOMINAL POWER (W)	25	TOTAL FLUX (lm)	2793.2	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	113.3	Current (A)	0.114
NOMINAL FLUX (lm)	2793.3	η up (%)	0.0	Power (W)	24.65
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	2509.4	EEI	0.134

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: 9.800 m
Remarks: 4000K

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 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

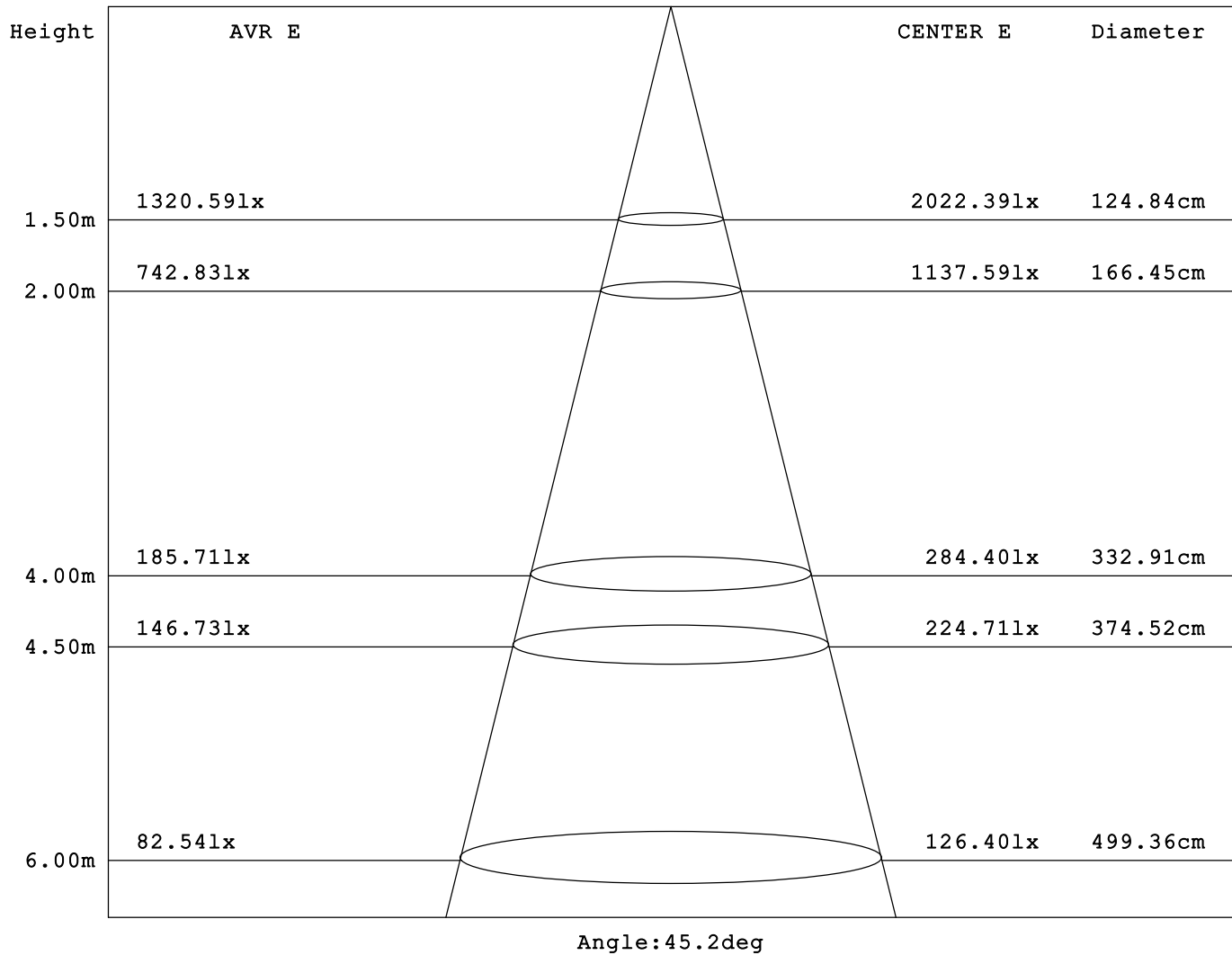
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
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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 4000K 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:9.800 m

Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K 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	3954	4093	4186	4027	4096	3966	3888	3879	0- 10	407.5	407.5
20.0	2543	2734	2873	2830	2784	2595	2481	2447	10- 20	934.3	1342
30.0	1040	1157	1247	1264	1221	1058	957.9	958.5	20- 30	850.9	2193
40.0	280.6	297.3	303.1	333.4	313.6	259.0	254.6	249.6	30- 40	393.0	2586
50.0	92.29	91.86	89.41	101.3	91.91	87.73	88.54	82.40	40- 50	131.4	2717
60.0	27.27	24.77	22.37	30.06	24.29	23.81	26.50	22.37	50- 60	49.01	2766
70.0	10.75	6.914	2.977	8.115	4.802	6.530	9.700	8.115	60- 70	12.98	2779
80.0	8.931	6.002	2.977	7.154	4.705	5.090	7.491	7.154	70- 80	7.074	2787
90.0	8.259	6.530	4.321	7.347	6.146	4.417	5.858	6.866	80- 90	6.701	2793
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

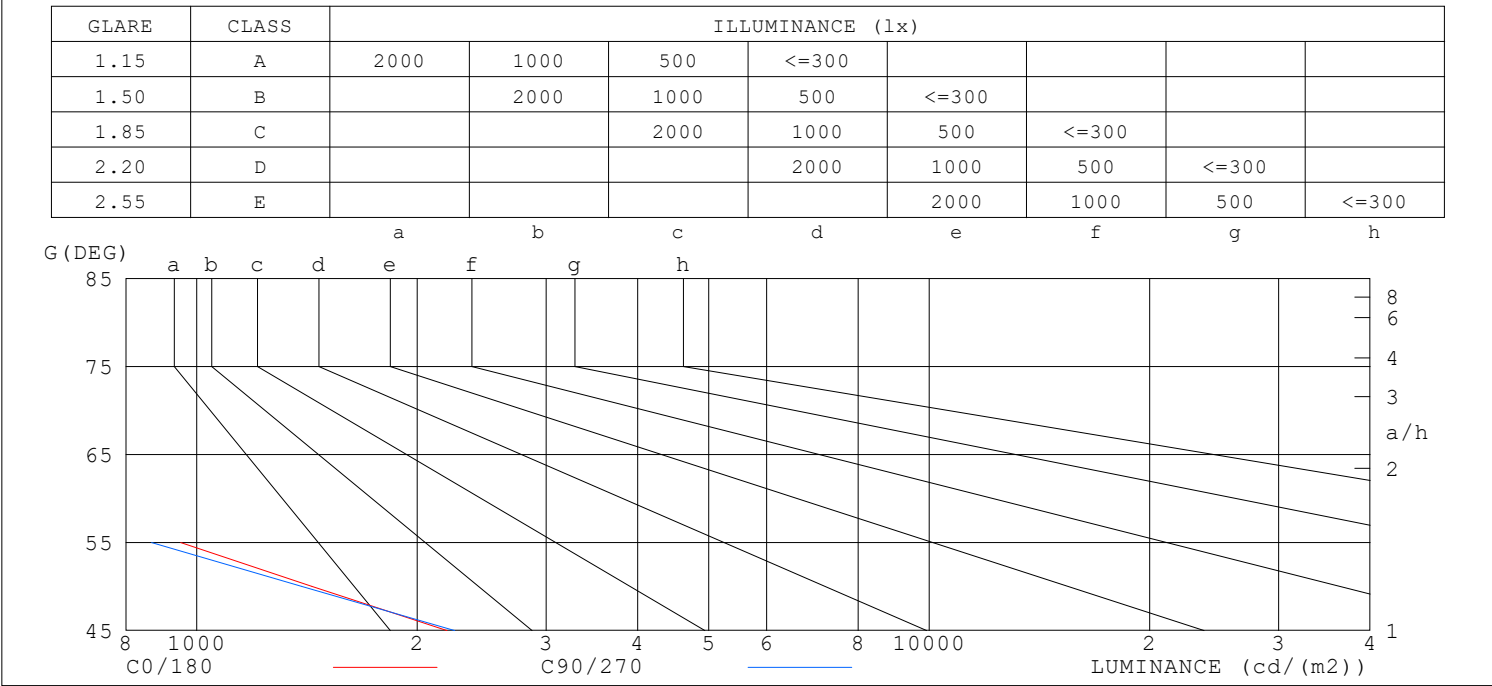
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	970	386
80	514	171
75	371	115
70	314	87
65	318	134
60	546	448
55	951	867
50	1436	1391
45	2195	2251

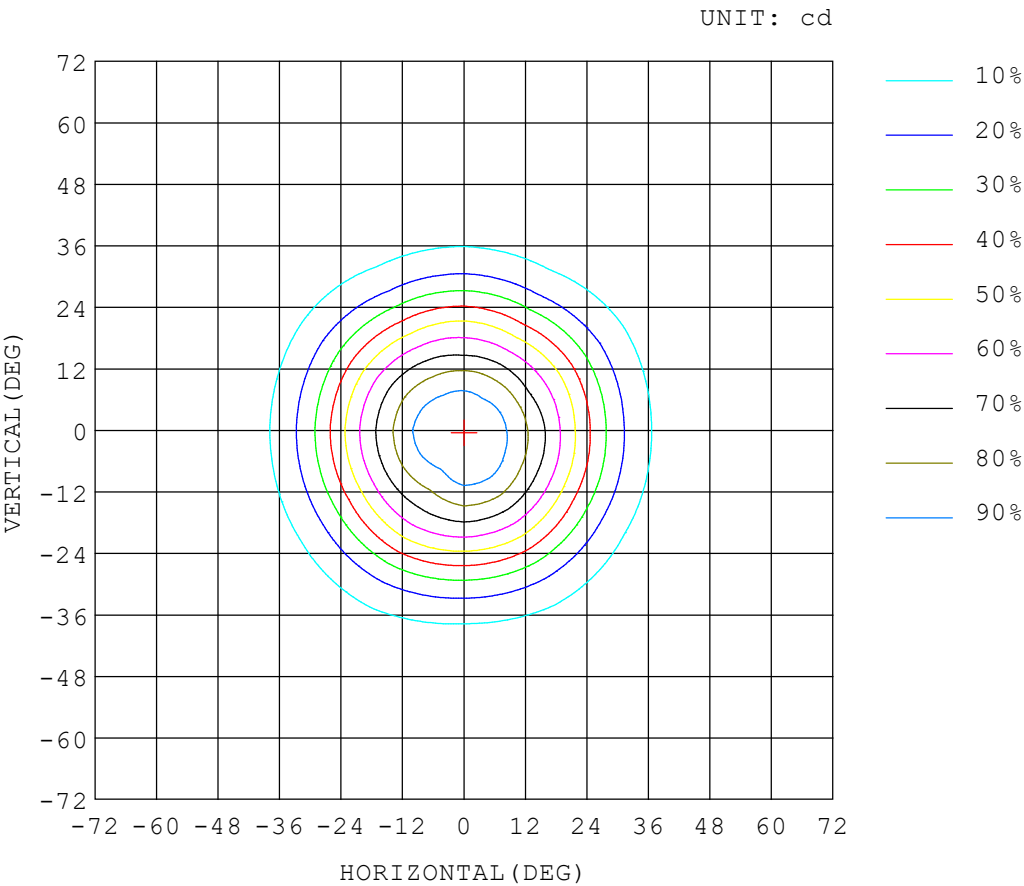
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



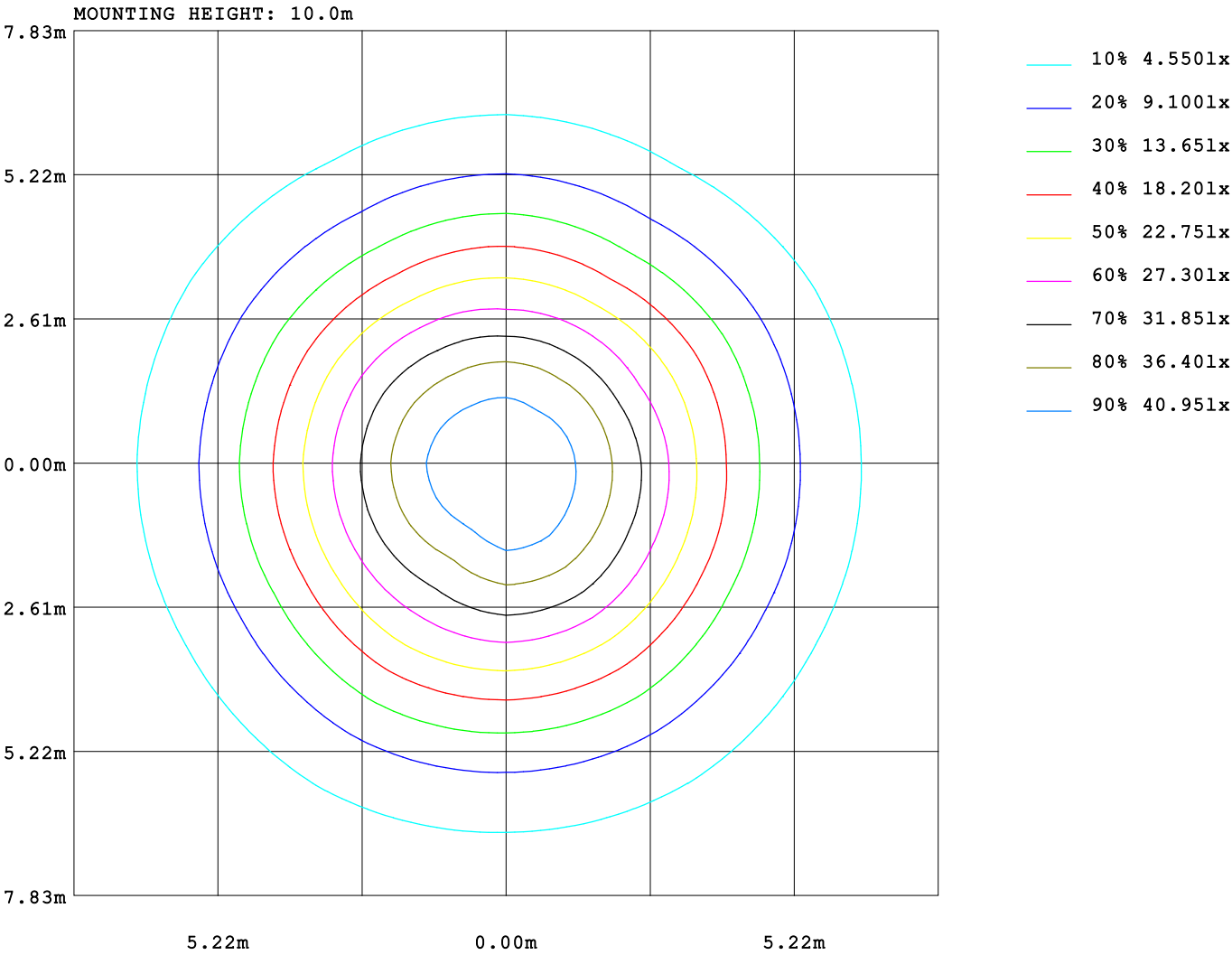
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K 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:9.800 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

72	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.05	0.07	0.09	0.08	0.07	0.06	0.09	0.14	0.19	0.20	0.16	0.13	0.10	0.11	0.11	0.10	0.09	0.06	1.91	0.00	
64	0.05	0.08	0.10	0.11	0.12	0.15	0.26	0.40	0.52	0.52	0.41	0.27	0.17	0.14	0.13	0.12	0.09	0.06	3.72	0.00	
56	0.05	0.09	0.14	0.22	0.38	0.56	0.84	1.15	1.38	1.38	1.13	0.82	0.55	0.36	0.22	0.14	0.10	0.07	9.60	0.00	
48	0.05	0.10	0.23	0.50	0.89	1.35	1.91	2.67	3.22	3.19	2.60	1.84	1.29	0.84	0.46	0.22	0.11	0.07	21.5	0.00	
40	0.05	0.12	0.38	0.91	1.68	2.80	4.56	6.95	8.82	8.68	6.65	4.29	2.65	1.56	0.84	0.36	0.14	0.07	51.5	14.1	
32	0.05	0.16	0.56	1.39	2.88	6.04	11.7	18.6	23.7	23.2	17.5	10.7	5.62	2.70	1.29	0.54	0.18	0.08	127	105	
24	0.05	0.21	0.74	1.89	4.75	12.5	25.0	38.1	46.5	45.6	35.9	22.9	11.1	4.45	1.77	0.72	0.23	0.08	253	237	
VERTICAL (DEG)	0.05	0.25	0.87	2.42	7.25	20.1	39.6	57.6	67.9	66.9	54.4	36.5	17.7	6.42	2.27	0.86	0.27	0.09	382	369	
	0.05	0.27	0.94	2.77	9.21	25.3	48.7	70.5	82.9	81.6	66.9	44.8	22.2	7.88	2.59	0.94	0.29	0.09	468	456	
	0.05	0.26	0.92	2.78	9.30	25.6	49.3	71.3	84.1	84.3	69.2	45.8	22.6	7.93	2.57	0.92	0.29	0.09	478	466	
	0.04	0.23	0.83	2.41	7.49	20.8	41.5	61.1	72.9	74.3	60.4	38.9	18.5	6.47	2.21	0.81	0.25	0.08	410	397	
	0.04	0.18	0.68	1.82	5.03	13.5	28.6	44.6	53.8	53.6	43.3	26.6	12.0	4.39	1.66	0.64	0.19	0.07	291	277	
	0.04	0.12	0.49	1.26	3.03	7.25	15.1	24.3	29.9	29.4	23.1	13.8	6.44	2.67	1.13	0.44	0.13	0.06	159	141	
	0.03	0.08	0.30	0.81	1.78	3.56	6.51	9.55	11.5	11.2	9.00	5.94	3.21	1.59	0.71	0.25	0.08	0.05	66.2	34.1	
	0.03	0.05	0.15	0.47	1.02	1.81	2.76	3.53	3.86	3.79	3.35	2.55	1.66	0.91	0.39	0.11	0.06	0.05	26.5	0.00	
	0.03	0.04	0.07	0.22	0.51	0.92	1.27	1.45	1.50	1.47	1.39	1.18	0.82	0.43	0.17	0.06	0.04	0.04	11.6	0.00	
	0.03	0.04	0.06	0.12	0.22	0.38	0.48	0.53	0.51	0.50	0.49	0.42	0.32	0.18	0.09	0.05	0.04	0.04	4.48	0.00	
-24	0.03	0.04	0.06	0.10	0.15	0.20	0.19	0.16	0.11	0.11	0.14	0.17	0.17	0.13	0.09	0.05	0.04	0.04	1.98	0.00	
-32																					
-40																					
-48																					
-56																					
-64																					
-72																					
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
Φ t	0.78	2.38	7.61	20.3	55.8	143	279	413	494	490	396	258	128	49.1	18.7	7.33	2.60	1.18	2793		
Φ a	0.00	0.00	0.00	0.00	26.5	123	260	395	477	473	379	239	106	17.6	0.00	0.00	0.00	0.00		2509	

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

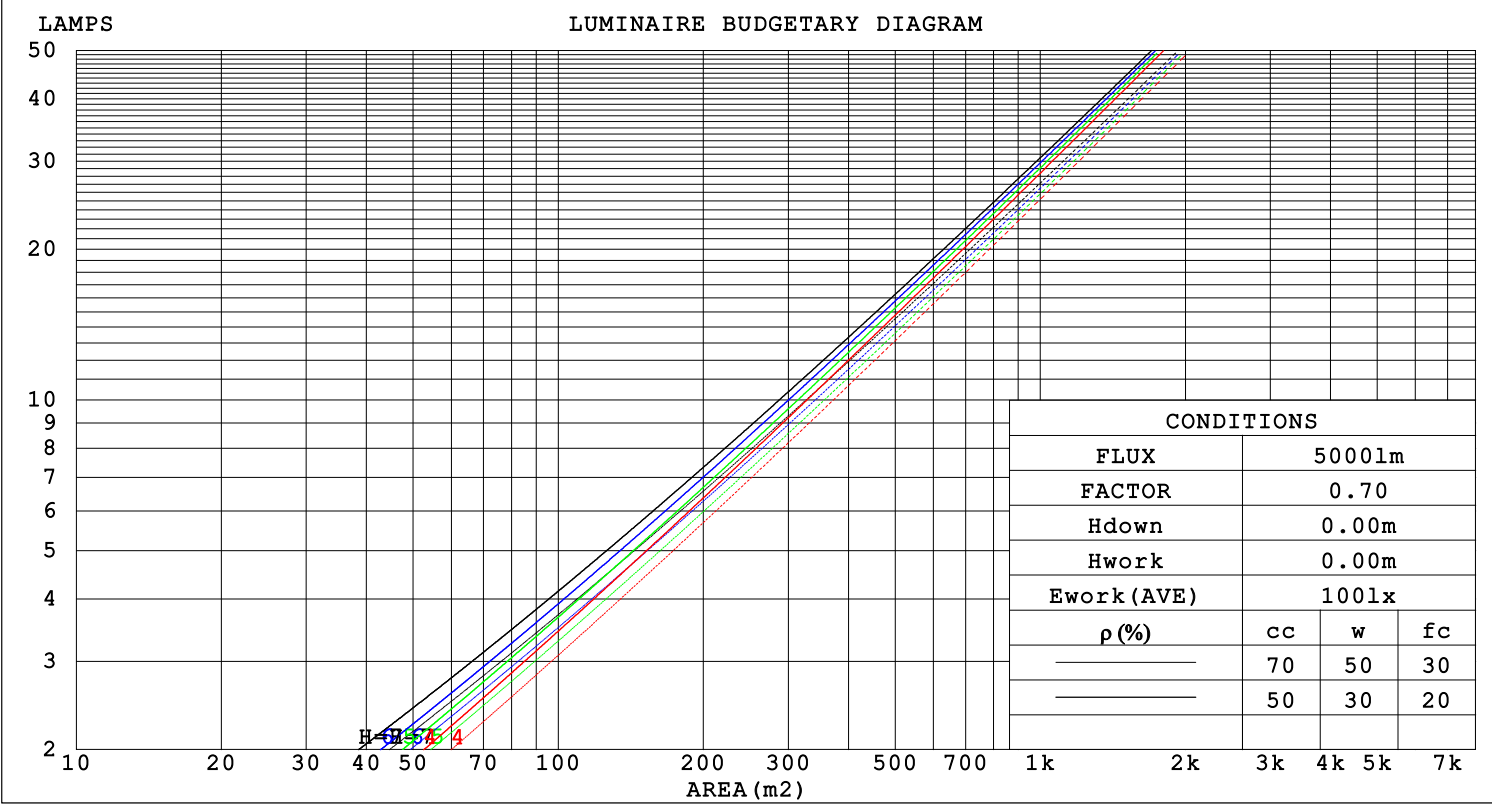
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks: 4000K

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 4000K 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	.94	.96	.94	.92	.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:9.800 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ XTD 20

TYPE: .5W 4000K 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	.131	.076	.025	
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.025	.138	.077	.024	.129	.073	.023	
3.0	.155	.083	.025	.150	.080	.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	.117	.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	.114	.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:9.800 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K 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	8.5	9.4	8.8	9.6	9.8	9.5	10.4	9.7	10.6	10.8
3H	8.4	9.3	8.7	9.5	9.7	9.4	10.2	9.6	10.4	10.6
4H	8.4	9.2	8.7	9.4	9.6	9.3	10.1	9.6	10.3	10.5
6H	8.4	9.2	8.7	9.4	9.7	9.2	10.0	9.5	10.2	10.5
8H	8.5	9.2	8.8	9.5	9.7	9.2	9.9	9.5	10.2	10.4
12H	8.6	9.3	9.0	9.6	9.9	9.2	9.9	9.5	10.1	10.4
4H 2H	8.4	9.1	8.6	9.4	9.6	9.3	10.1	9.6	10.3	10.5
3H	8.2	8.9	8.6	9.2	9.5	9.2	9.9	9.5	10.1	10.4
4H	8.2	8.8	8.6	9.1	9.4	9.1	9.8	9.5	10.1	10.4
6H	8.3	8.8	8.7	9.2	9.5	9.1	9.7	9.5	10.0	10.3
8H	8.4	8.9	8.8	9.3	9.6	9.1	9.6	9.5	10.0	10.3
12H	8.7	9.1	9.1	9.5	9.9	9.1	9.6	9.5	10.0	10.4
8H 4H	8.1	8.6	8.5	9.0	9.3	9.0	9.5	9.4	9.9	10.3
6H	8.2	8.6	8.7	9.0	9.4	9.1	9.5	9.5	9.9	10.3
8H	8.4	8.7	8.8	9.2	9.6	9.1	9.5	9.6	9.9	10.4
12H	8.7	9.0	9.2	9.5	9.9	9.3	9.6	9.7	10.0	10.5
12H 4H	8.1	8.6	8.5	8.9	9.3	9.0	9.4	9.4	9.8	10.2
6H	8.2	8.6	8.7	9.0	9.4	9.1	9.4	9.5	9.8	10.3
8H	8.4	8.7	8.9	9.1	9.6	9.2	9.5	9.6	9.9	10.4

Variations with the observer position at spacings:

S = 1.0H	+ 2.3 / - 4.0	+ 2.2 / - 4.8
1.5H	+ 3.5 / - 4.4	+ 3.4 / - 3.3
2.0H	+ 4.5 / - 3.9	+ 4.1 / - 4.5

CIE Pub.117 Corrected 2793 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.6)

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:9.800 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K 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	93	88	84	80
1.00	99	93	90	98	93	89	97	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	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	108	105	102	105	103	100	95
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		

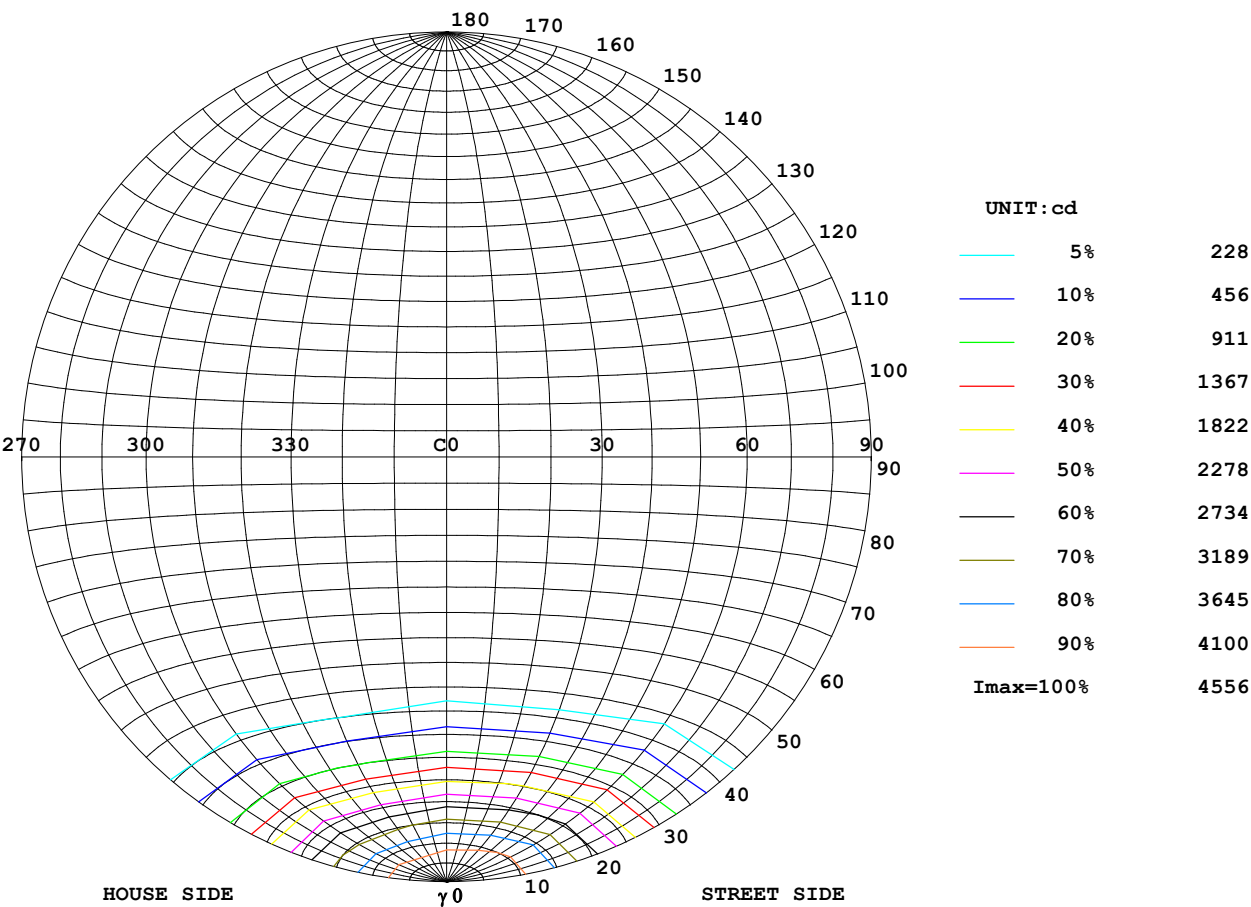
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K 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

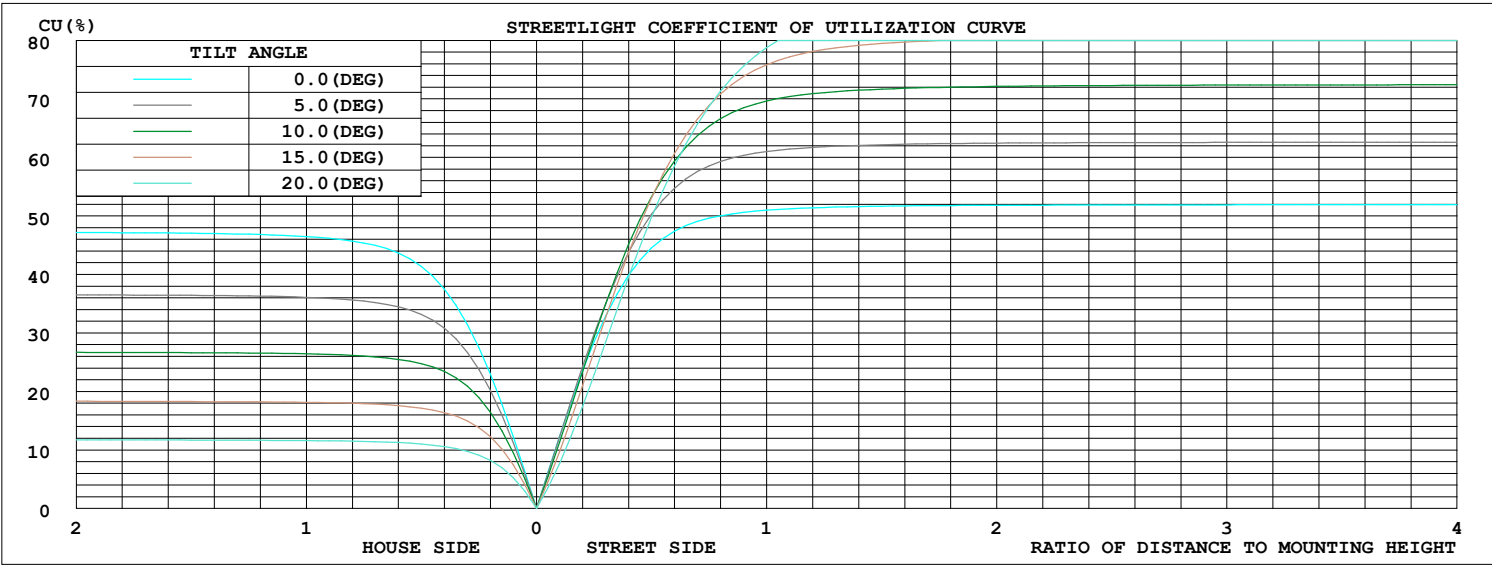
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 45.50 lx



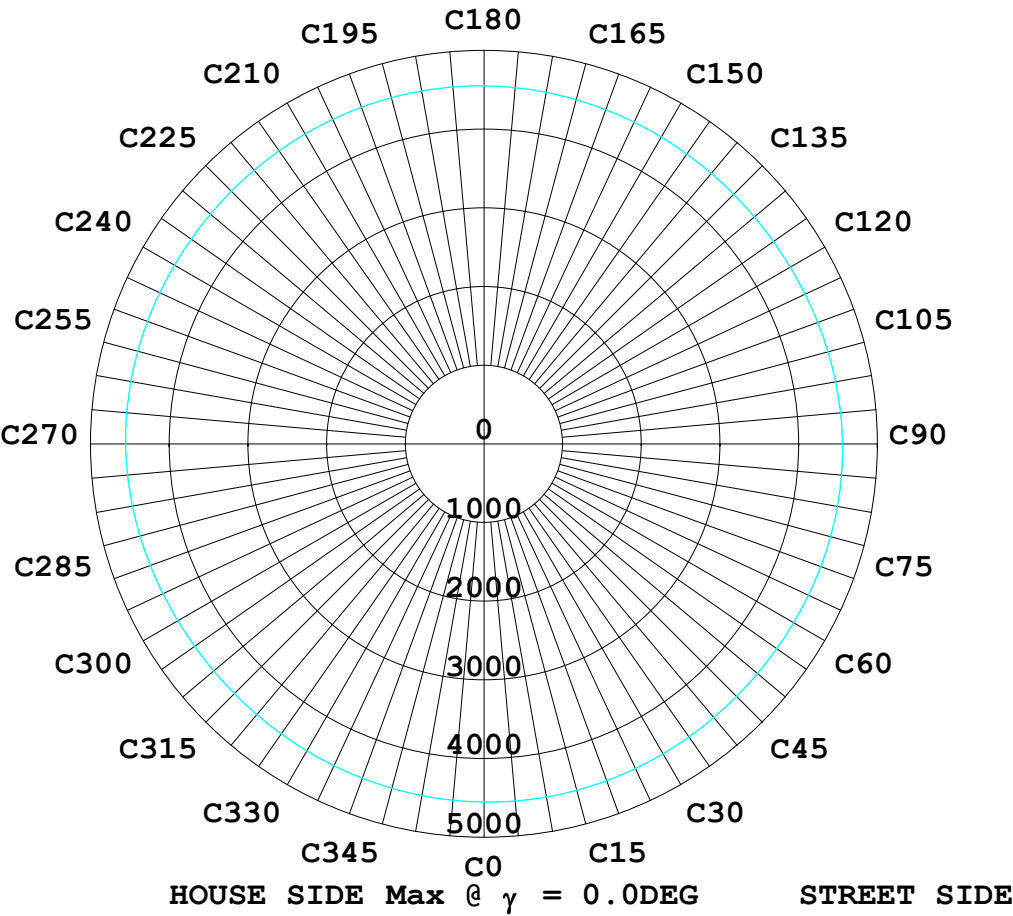
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD 20	TYPE: .5W 4000K 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:9.800 m
Remarks: 4000K

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 4000K 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	4550	4549	4543	4556	4493	4504	4550	4549	4543	4556	4493	4504
5.0	4374	4421	4485	4504	4447	4440	4456	4408	4352	4341	4276	4332
10.0	3954	4029	4157	4186	3984	4071	4096	4022	3909	3888	3854	3905
15.0	3314	3412	3582	3614	3473	3506	3498	3419	3247	3121	3134	3132
20.0	2543	2650	2818	2873	2871	2789	2784	2685	2505	2481	2383	2511
25.0	1765	1838	2020	2045	2099	1979	1990	1904	1713	1693	1592	1739
30.0	1040	1094	1221	1247	1306	1222	1221	1148	967	958	896	1021
35.0	540	556	635	639	692	638	649	612	490	496	457	538
40.0	281	269	326	303	357	309	314	279	239	255	224	276
45.0	155	143	175	159	190	163	162	170	128	144	123	154
50.0	92.2	80.2	103	89.4	112	90.8	91.9	102	73.7	88.5	70.8	93.9
55.0	54.5	43.4	62.5	49.7	68.2	50.6	51.7	60.4	40.0	51.8	38.8	55.5
60.0	27.2	17.7	31.7	22.3	36.6	23.4	24.2	31.7	15.8	26.5	16.3	28.4
65.0	13.4	4.41	13.9	5.66	16.9	7.01	8.06	14.4	4.12	12.7	6.33	13.9
70.0	10.7	3.36	10.4	2.97	12.1	4.03	4.80	10.2	2.78	9.70	5.47	10.7
75.0	9.60	3.26	9.21	2.97	10.7	4.03	4.70	8.83	2.49	8.45	5.47	9.50
80.0	8.93	3.55	8.45	2.97	10.0	4.22	4.70	7.68	2.49	7.49	5.66	8.64
85.0	8.45	4.03	7.97	3.36	9.50	4.51	4.80	6.91	2.30	6.62	6.05	7.97
90.0	8.25	5.28	7.77	4.32	9.21	5.47	6.14	5.95	2.88	5.85	6.72	7.01

Test System:HOPOO HPG1800
Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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