

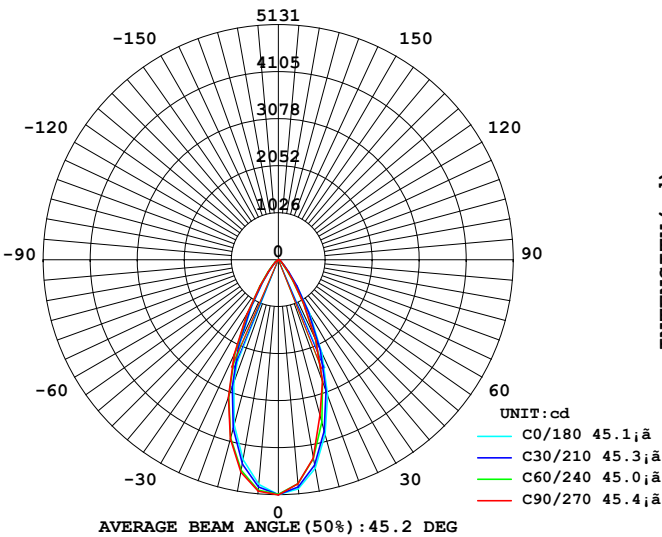
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

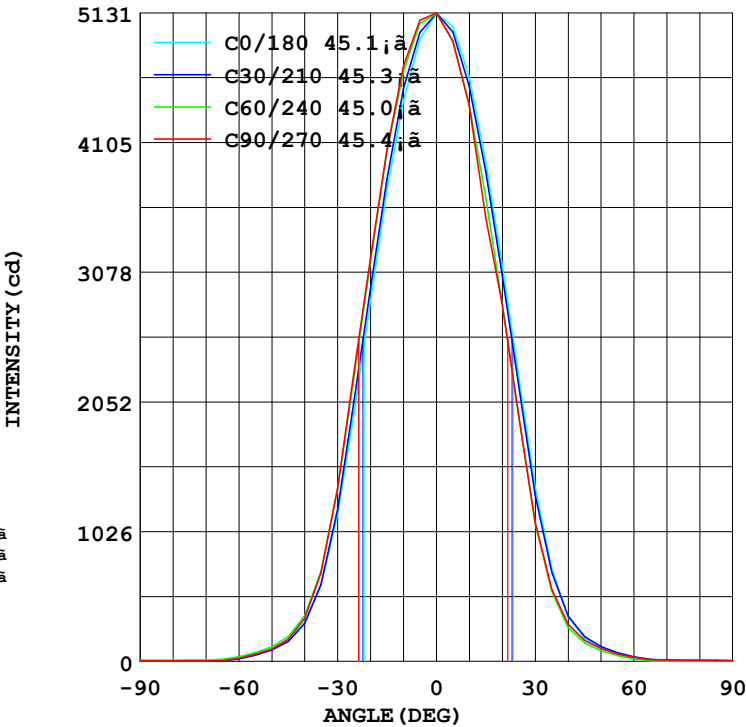
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	5131	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)	3152.3	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	128.0	Current (A)	0.114
NOMINAL FLUX (lm)	3152.3	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	Effictive Flux(lm)	2845.2	EEI	0.118

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:10.400 m
Remarks: 5700K

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 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

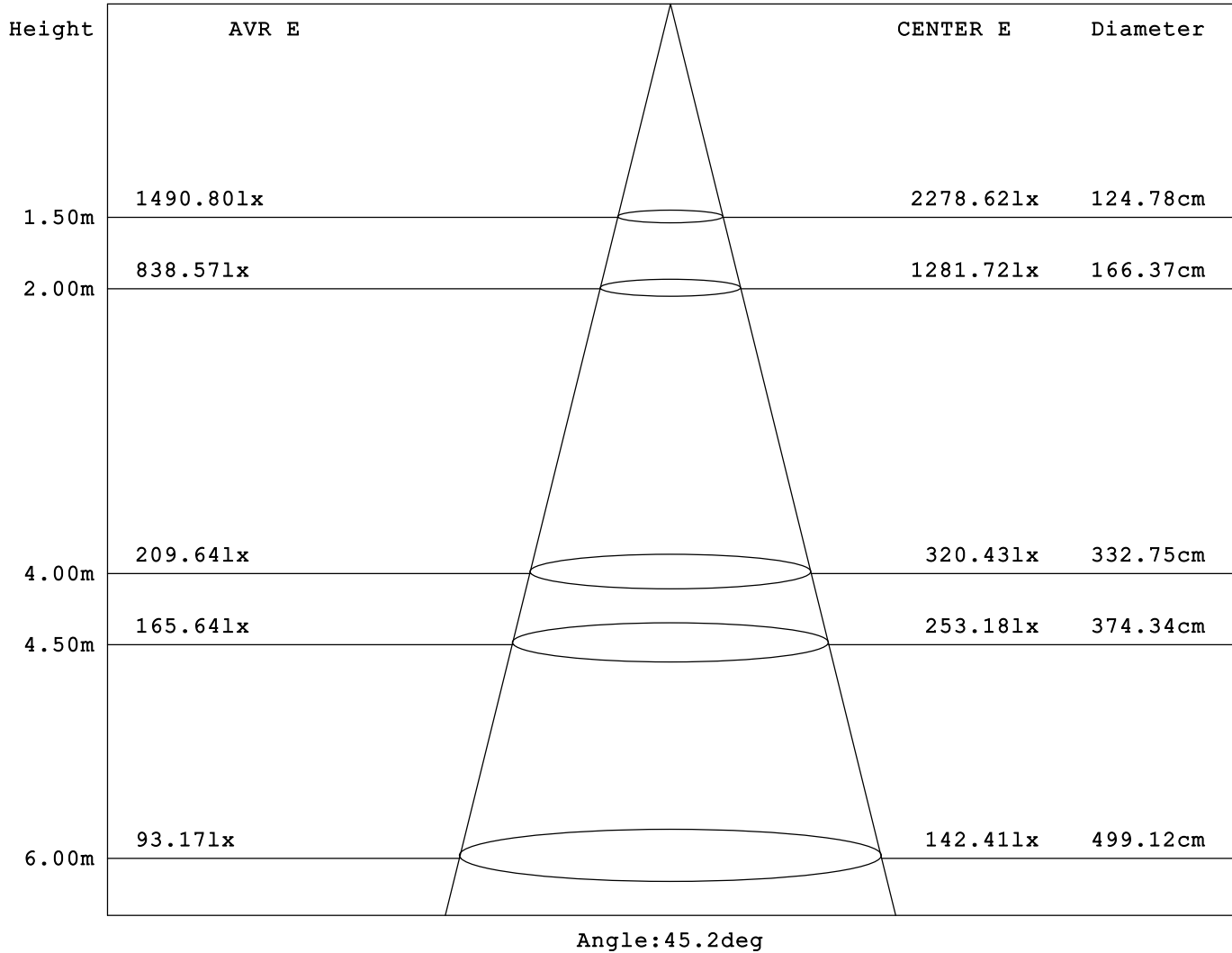
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

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 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.400 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K 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	4437	4602	4712	4644	4625	4481	4400	4372	0- 10	459.0	459.0
20.0	2856	3061	3197	3180	3144	2946	2830	2778	10- 20	1056	1515
30.0	1167	1286	1372	1414	1384	1207	1105	1093	20- 30	959.7	2475
40.0	309.7	329.9	340.9	370.1	356.7	315.7	293.6	284.7	30- 40	443.3	2918
50.0	103.7	102.5	97.23	113.3	104.3	100.3	101.7	92.74	40- 50	148.7	3067
60.0	30.60	27.63	24.55	33.74	28.66	27.68	30.50	25.68	50- 60	55.40	3122
70.0	12.11	7.733	3.352	9.247	5.516	7.300	11.14	9.193	60- 70	14.75	3137
80.0	9.950	6.814	3.461	8.220	5.408	5.786	8.436	8.003	70- 80	8.022	3145
90.0	9.409	7.408	4.867	8.544	6.922	4.975	6.489	6.922	80- 90	7.537	3152
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:03-12-2025

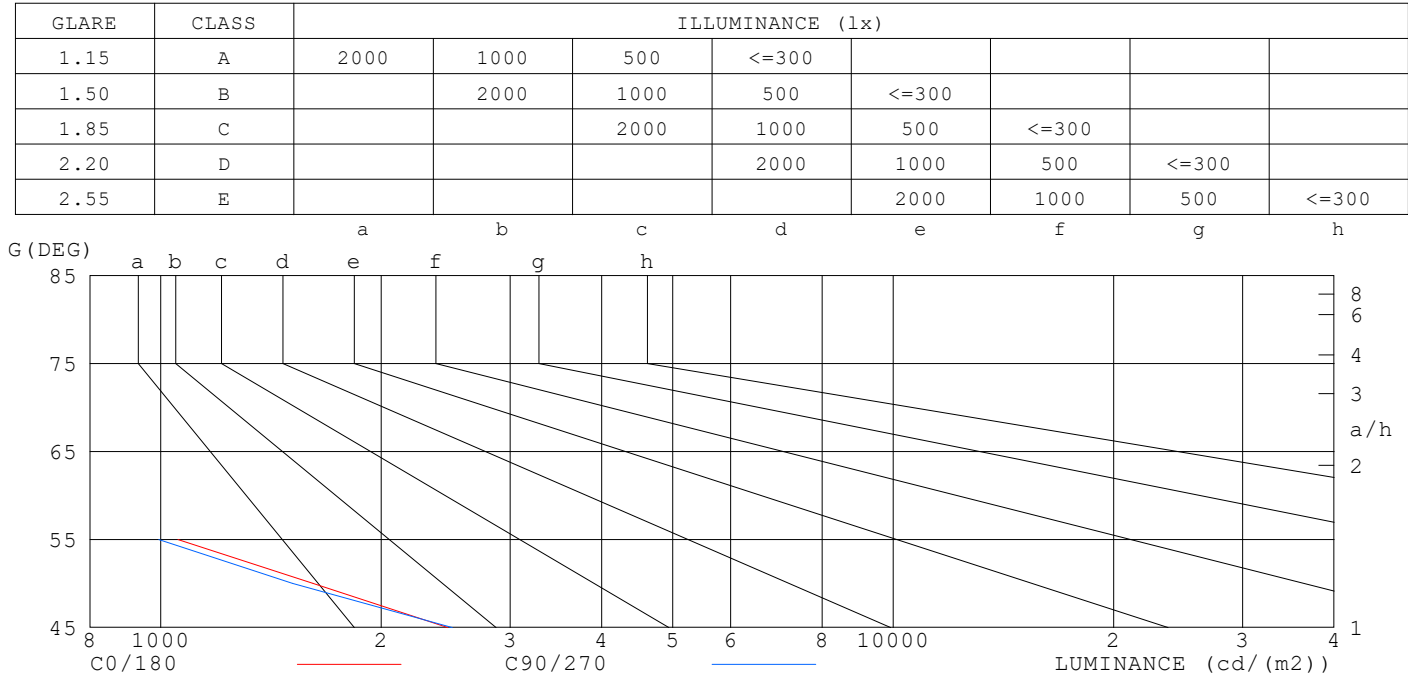
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K 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	1092	447
80	573	199
75	418	130
70	354	98
65	356	151
60	612	491
55	1056	994
50	1614	1513
45	2464	2501

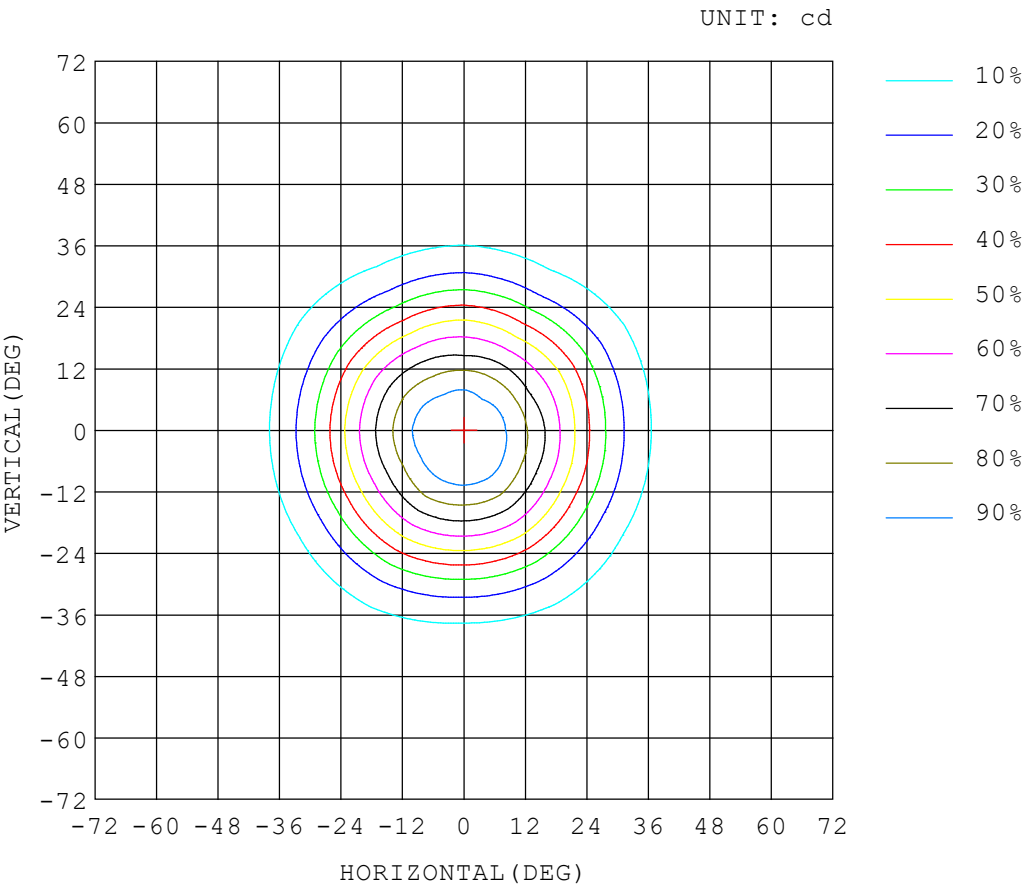
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



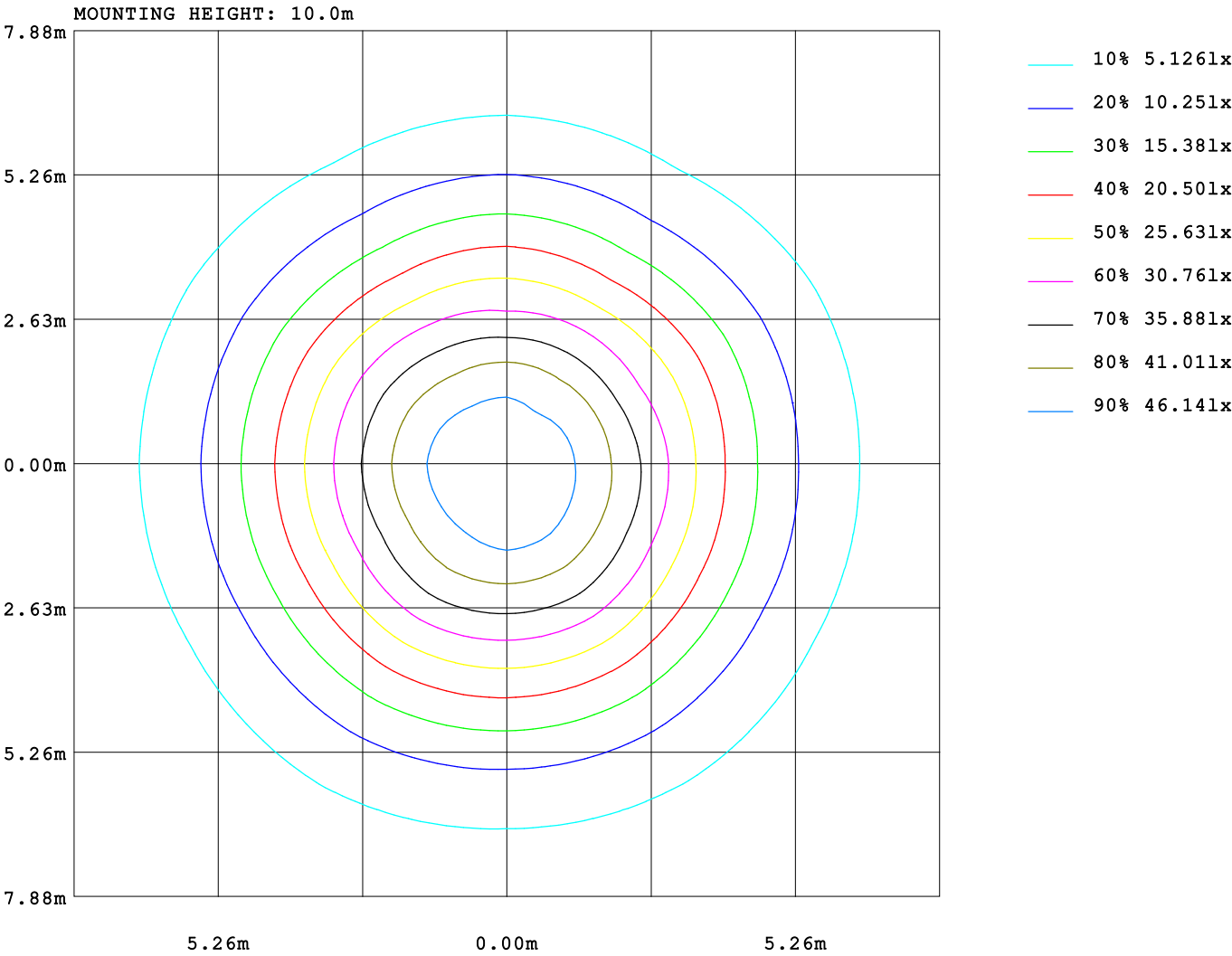
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ XTD-20

TYPE: .5W 5700K 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	0.08	0.10	0.09	0.08	0.06	0.11	0.16	0.22	0.23	0.19	0.14	0.11	0.12	0.12	0.12	0.10	0.07	2.16	0.00	
64	0.06	0.09	0.12	0.13	0.14	0.17	0.30	0.47	0.60	0.60	0.47	0.32	0.20	0.16	0.15	0.13	0.10	0.07	4.29	0.00	
56	0.06	0.10	0.16	0.26	0.44	0.65	0.96	1.32	1.59	1.58	1.29	0.93	0.63	0.41	0.25	0.16	0.11	0.08	11.0	0.00	
48	0.06	0.11	0.27	0.58	1.02	1.54	2.16	3.04	3.69	3.66	2.96	2.07	1.45	0.95	0.53	0.25	0.13	0.08	24.5	0.00	
40	0.06	0.14	0.44	1.05	1.92	3.26	5.20	7.91	10.1	9.98	7.57	4.86	3.01	1.77	0.96	0.41	0.15	0.08	58.9	16.5	
32	0.06	0.19	0.65	1.59	3.45	7.18	13.4	21.1	27.1	26.6	19.8	12.2	6.45	3.10	1.46	0.61	0.20	0.09	146	121	
24	0.06	0.24	0.84	2.18	5.80	14.4	28.6	43.2	52.8	51.8	40.9	26.2	12.8	5.10	2.01	0.81	0.25	0.09	288	271	
VERTICAL (DEG)	0.06	0.29	0.99	2.80	8.47	23.0	45.2	65.3	76.7	75.5	61.5	41.6	20.3	7.31	2.56	0.96	0.30	0.10	433	419	
	0.06	0.31	1.06	3.18	10.5	28.8	55.2	79.7	93.6	91.6	75.3	50.5	25.0	8.87	2.89	1.05	0.33	0.10	529	515	
	0.05	0.30	1.04	3.15	10.5	29.0	55.6	80.4	94.8	94.9	77.7	51.3	25.2	8.83	2.86	1.03	0.32	0.10	537	524	
	0.05	0.27	0.94	2.71	8.40	23.4	46.7	69.6	83.9	83.5	67.7	43.4	20.6	7.17	2.46	0.90	0.27	0.09	462	448	
	0.05	0.21	0.76	2.03	5.62	15.1	32.1	50.2	60.5	59.9	48.3	29.7	13.2	4.87	1.84	0.72	0.21	0.08	326	309	
-24	0.04	0.14	0.55	1.41	3.36	8.06	16.9	27.2	33.2	32.7	25.8	15.4	7.15	2.95	1.25	0.49	0.14	0.07	177	157	
-32	0.04	0.09	0.34	0.91	1.98	3.97	7.23	10.6	12.7	12.4	10.0	6.61	3.57	1.77	0.79	0.28	0.09	0.06	73.5	37.1	
-40	0.04	0.06	0.16	0.52	1.14	2.03	3.09	3.93	4.30	4.23	3.74	2.86	1.86	1.01	0.43	0.12	0.06	0.05	29.6	0.00	
-48	0.04	0.05	0.08	0.24	0.57	1.03	1.42	1.63	1.66	1.64	1.55	1.32	0.92	0.48	0.18	0.06	0.05	0.05	13.0	0.00	
-56	0.04	0.05	0.07	0.13	0.25	0.43	0.54	0.59	0.57	0.56	0.55	0.48	0.36	0.20	0.11	0.06	0.04	0.05	5.05	0.00	
-64	0.04	0.05	0.07	0.12	0.17	0.23	0.22	0.18	0.13	0.12	0.16	0.19	0.19	0.15	0.10	0.06	0.04	0.04	2.25	0.00	
-72																					
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																					
Φ t	0.90	2.75	8.65	23.1	63.9	163	315	467	559	552	446	290	143	55.2	20.9	8.22	2.92	1.33	3152		
Φ a	0.00	0.00	0.00	0.00	30.6	139	294	447	540	533	426	269	119	19.5	0.00	0.00	0.00	0.00		2845	

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

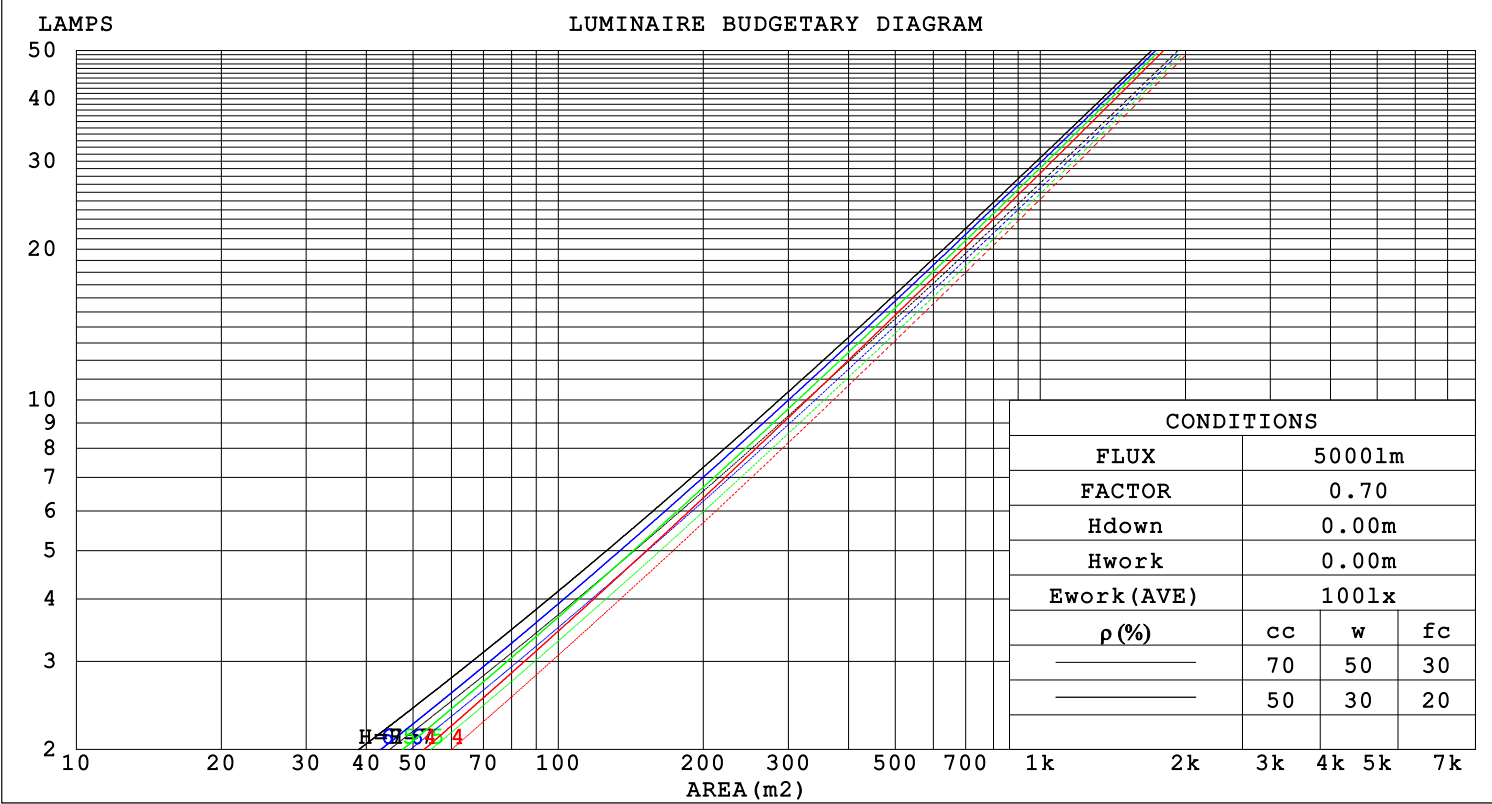
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.400 m
 Remarks: 5700K

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 5700K 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	.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:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: VIRAJ XTD-20								TYPE: .5W 5700K 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	.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	.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	.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:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: VIRAJ XTD-20					TYPE: .5W 5700K 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	8.9	9.8	9.1	9.9	10.1	9.8	10.7	10.0	10.9	11.0
	3H	8.8	9.6	9.0	9.8	10.0	9.7	10.5	9.9	10.7	10.9
	4H	8.7	9.5	9.0	9.7	10.0	9.6	10.4	9.9	10.6	10.8
	6H	8.8	9.5	9.1	9.8	10.0	9.5	10.3	9.8	10.5	10.8
	8H	8.8	9.5	9.1	9.8	10.1	9.5	10.2	9.8	10.5	10.7
	12H	9.0	9.6	9.3	9.9	10.2	9.5	10.2	9.8	10.5	10.7
4H	2H	8.7	9.5	9.0	9.7	9.9	9.6	10.4	9.9	10.6	10.8
	3H	8.6	9.3	8.9	9.5	9.8	9.5	10.2	9.8	10.4	10.7
	4H	8.6	9.2	8.9	9.5	9.8	9.4	10.1	9.8	10.4	10.7
	6H	8.6	9.2	9.0	9.5	9.9	9.4	10.0	9.8	10.3	10.6
	8H	8.8	9.3	9.1	9.6	10.0	9.4	9.9	9.8	10.3	10.6
	12H	9.0	9.5	9.4	9.8	10.2	9.4	9.9	9.9	10.3	10.7
8H	4H	8.5	9.0	8.9	9.3	9.7	9.3	9.8	9.7	10.2	10.6
	6H	8.6	9.0	9.0	9.4	9.8	9.4	9.8	9.8	10.2	10.6
	8H	8.7	9.1	9.2	9.5	9.9	9.5	9.8	9.9	10.2	10.7
	12H	9.1	9.4	9.5	9.8	10.3	9.6	9.9	10.1	10.3	10.8
12H	4H	8.4	8.9	8.8	9.3	9.7	9.3	9.8	9.7	10.1	10.5
	6H	8.6	8.9	9.0	9.3	9.8	9.4	9.7	9.8	10.1	10.6
	8H	8.7	9.0	9.2	9.5	9.9	9.5	9.8	9.9	10.2	10.7
Variations with the observer position at spacings:											
S = 1.0H		+ 2.2 / - 3.9					+ 2.2 / - 4.8				
1.5H		+ 3.4 / - 4.4					+ 3.4 / - 3.2				
2.0H		+ 4.6 / - 3.9					+ 4.0 / - 4.4				

CIE Pub.117 Corrected 3152 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

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:10.400 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K 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	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		

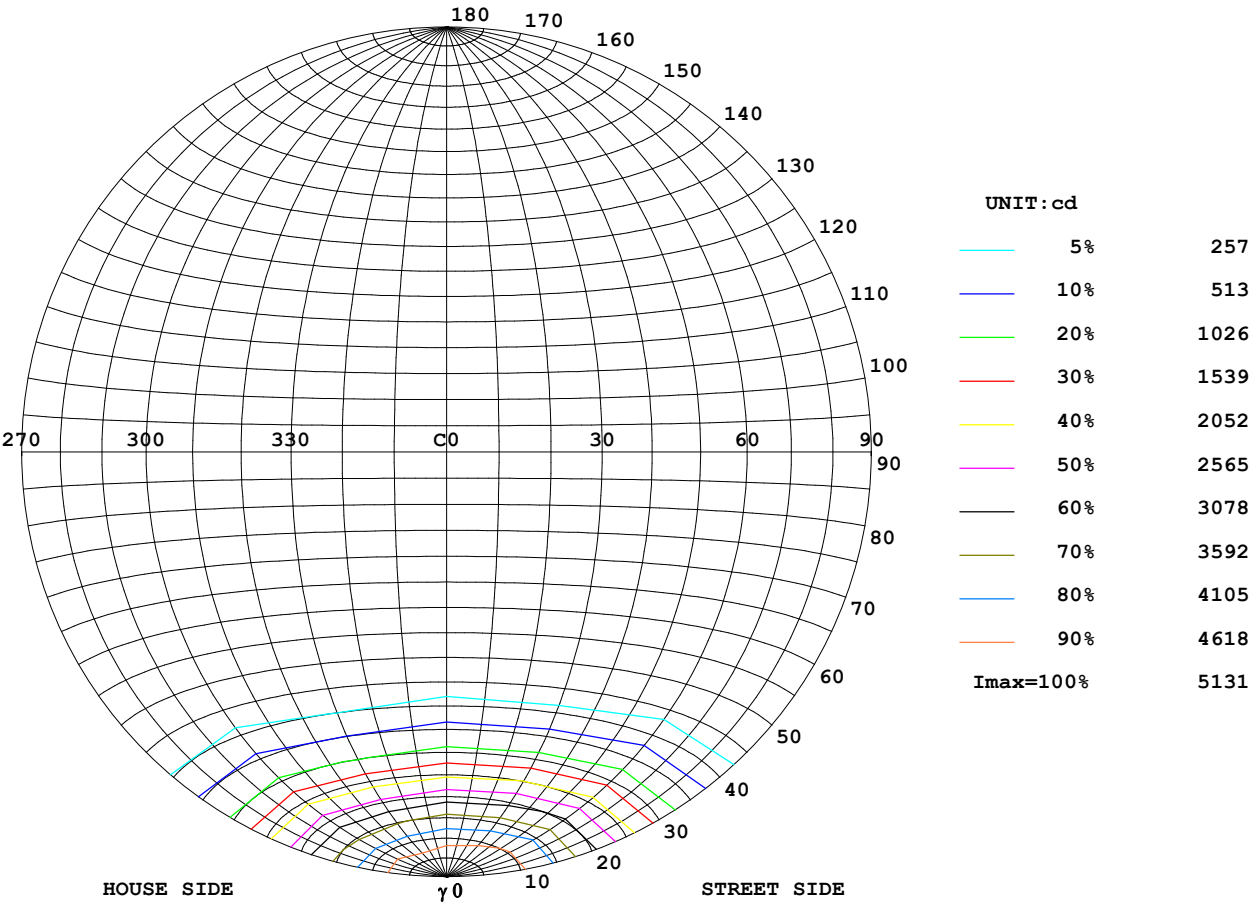
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-12-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.400 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



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

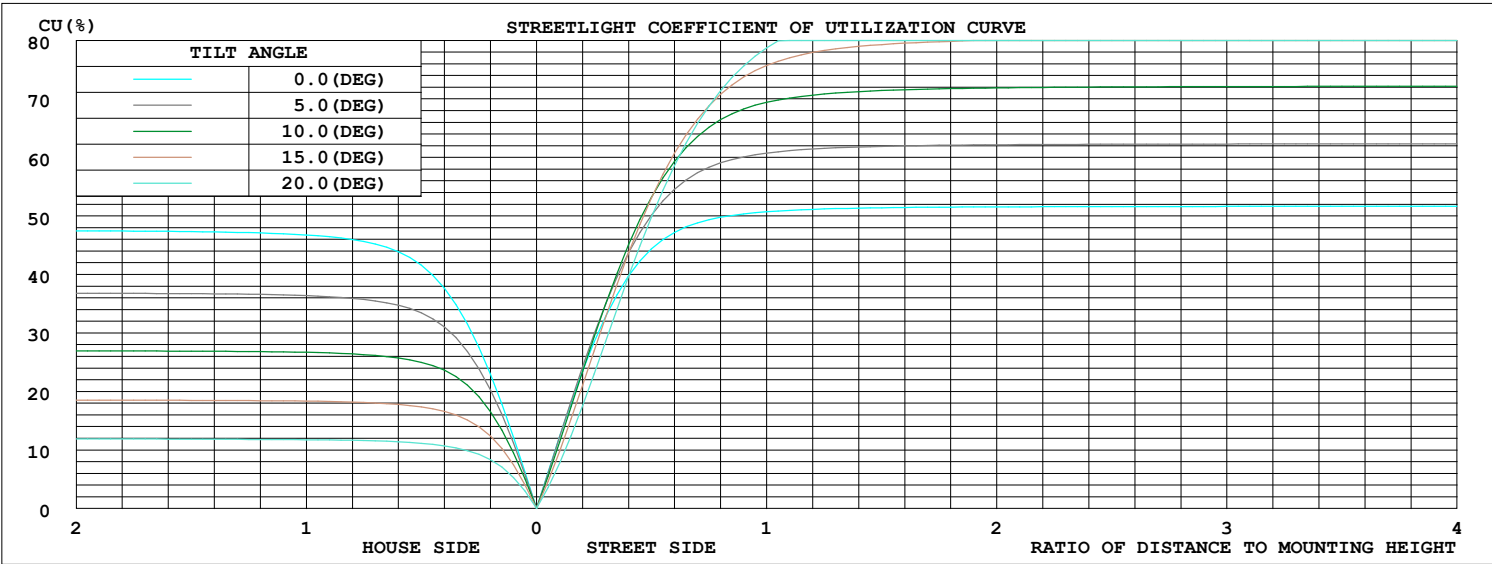
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 51.27 lx



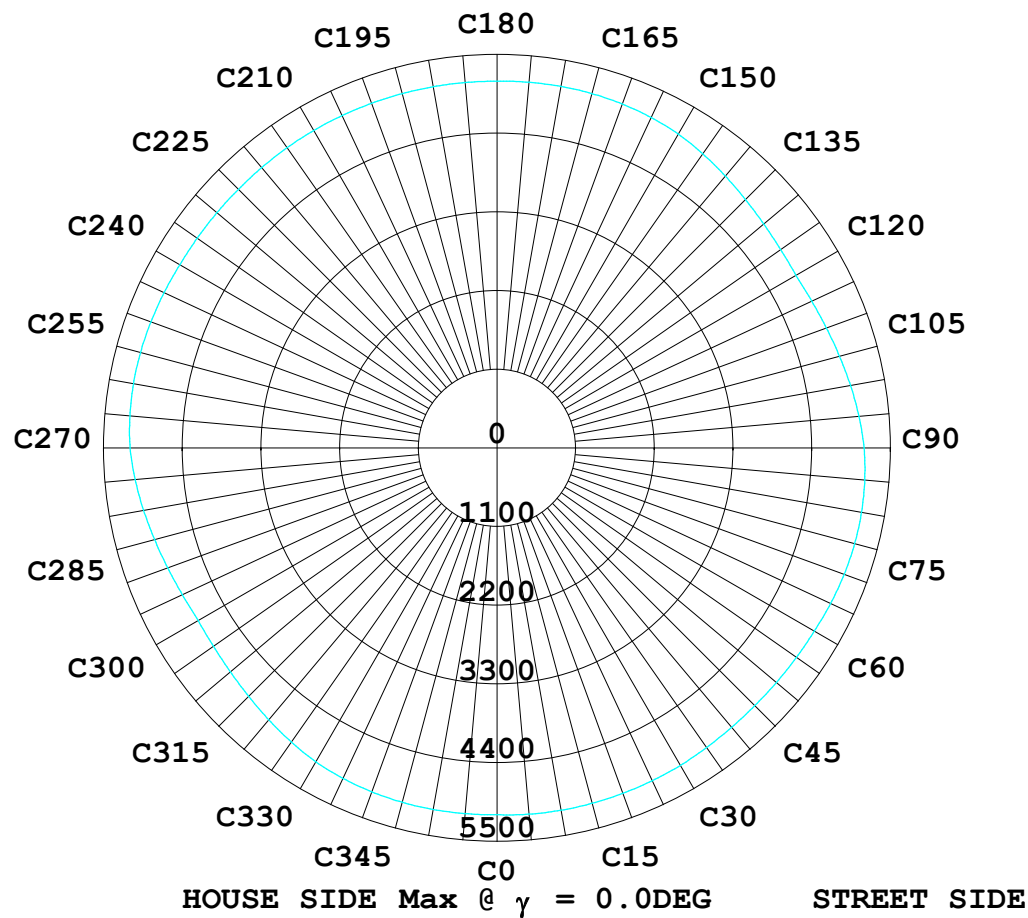
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ XTD-20	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*42*36.5 MM	SERIAL No.:



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.400 m
Remarks: 5700K

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 5700K 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	5127	5127	5121	5131	4826	5069	5127	5127	5121	5131	4826	5069
5.0	4924	4975	5047	5071	4925	5004	5023	4980	4911	4908	4785	4881
10.0	4437	4535	4669	4712	4681	4606	4625	4552	4409	4400	4350	4394
15.0	3733	3813	4030	4046	4089	3925	3951	3875	3668	3509	3553	3527
20.0	2856	2954	3167	3197	3242	3118	3144	3060	2833	2830	2697	2858
25.0	1961	2058	2244	2286	2346	2243	2253	2178	1935	1942	1817	1992
30.0	1167	1205	1367	1372	1465	1362	1384	1321	1094	1105	1010	1176
35.0	605	609	712	701	776	704	736	707	555	573	517	626
40.0	310	300	360	341	394	346	357	362	270	294	253	317
45.0	174	158	196	177	214	180	184	196	145	166	138	178
50.0	104	88.6	116	97.2	126	101	104	117	83.7	102	79.2	106
55.0	60.5	48.5	69.7	57.0	76.2	56.7	58.9	69.7	45.7	60.0	44.4	63.2
60.0	30.6	19.2	36.0	24.5	41.7	25.7	28.6	36.5	18.8	30.5	19.1	32.2
65.0	15.0	4.86	15.5	6.38	19.3	7.78	9.40	16.7	4.75	14.7	7.03	16.0
70.0	12.1	3.67	11.7	3.35	13.8	4.65	5.51	11.5	3.02	11.1	6.05	12.3
75.0	10.8	3.78	10.4	3.35	12.4	4.65	5.40	9.84	2.81	9.51	6.16	10.8
80.0	9.95	4.11	9.51	3.46	11.5	4.86	5.40	8.76	2.81	8.43	6.16	9.84
85.0	9.51	4.54	8.97	3.89	11.1	5.19	5.51	7.67	2.81	7.46	6.05	8.86
90.0	9.40	6.05	8.76	4.86	10.8	6.27	6.92	6.70	3.24	6.48	5.84	8.00

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:10.400 m
Remarks: 5700K