

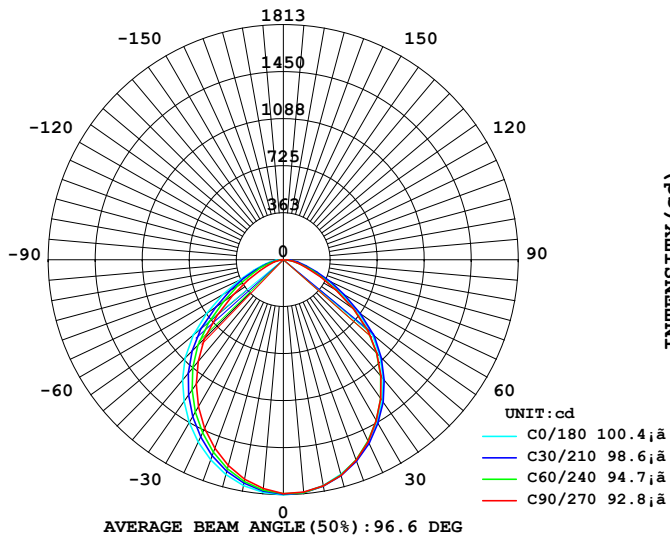
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

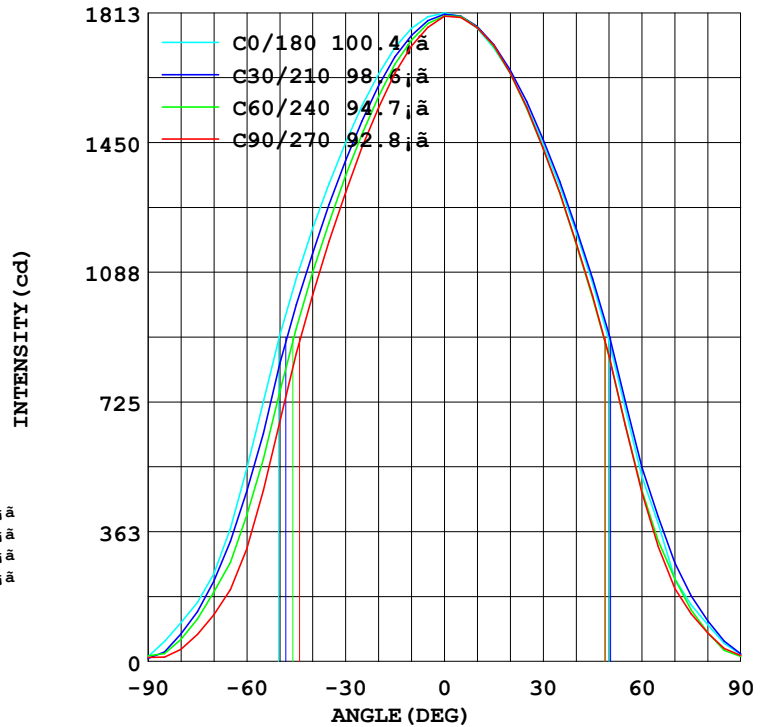
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1813	S/MH (C0/180)	1.20
MODEL	VIRAJ 6090	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.10
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	4025.7	Voltage (V)	218.8
RATED VOLTAGE (V)	218	EFFICIENCY (lm/W)	131.6	Current (A)	0.142
NOMINAL FLUX (lm)	4025.8	η up (%)	0.0	Power (W)	30.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	218.9	Effective Flux (lm)	3874.9	EEI	0.108

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 03-17-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 9.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

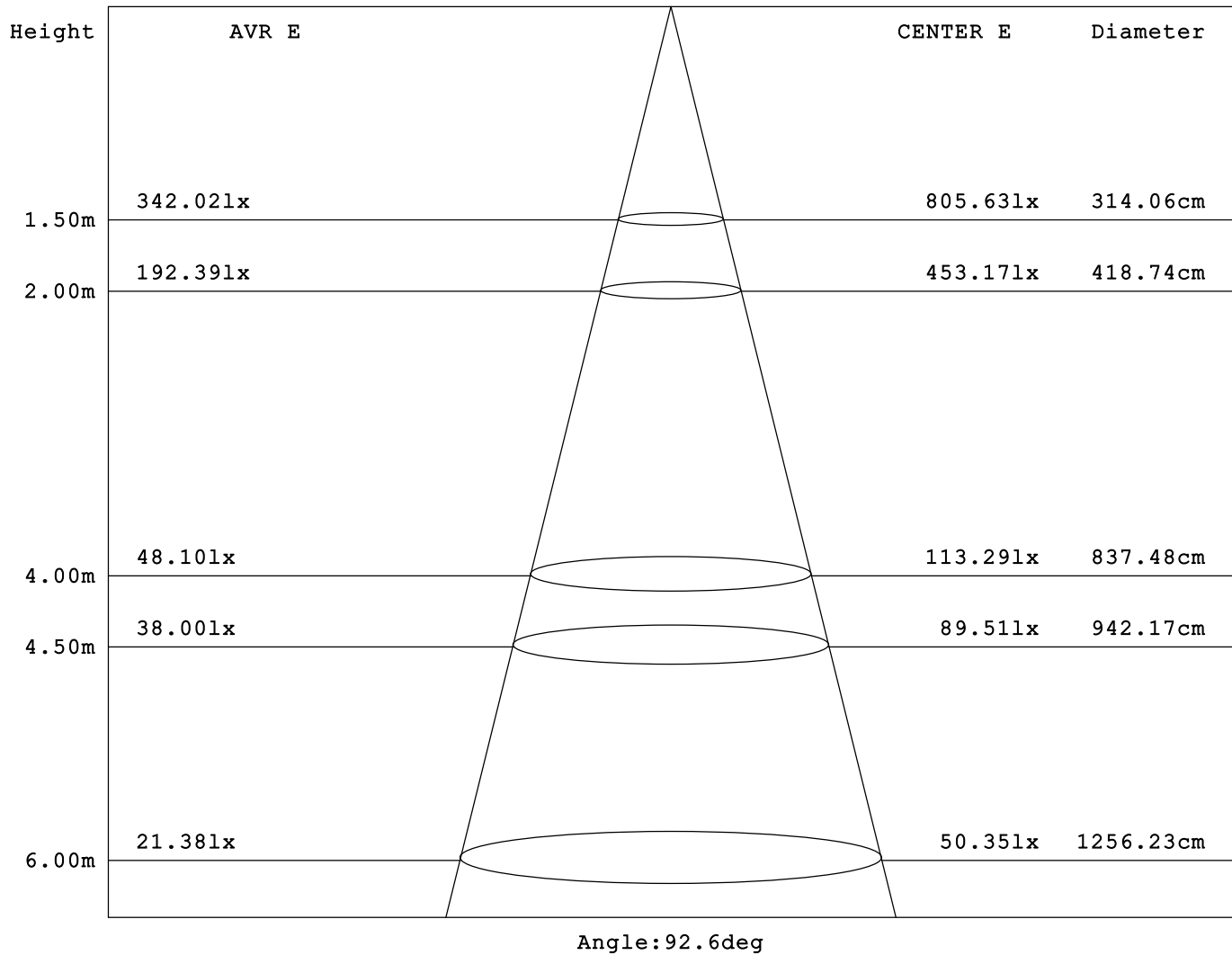
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Humidity:65.0%
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1769	1743	1720	1726	1769	1774	1771	1771	0- 10	169.8	169.8
20.0	1642	1594	1548	1571	1644	1649	1645	1651	10- 20	477.8	647.6
30.0	1450	1379	1311	1348	1446	1446	1434	1454	20- 30	699.5	1347
40.0	1210	1114	1024	1076	1200	1189	1171	1204	30- 40	802.0	2149
50.0	911.0	791.8	668.3	740.1	896.8	883.5	854.8	907.0	40- 50	767.3	2917
60.0	538.9	441.5	314.5	401.0	516.5	510.0	471.6	536.6	50- 60	577.3	3494
70.0	244.8	208.7	129.9	182.5	230.6	252.7	203.3	269.8	60- 70	333.3	3827
80.0	107.5	69.17	33.39	56.81	101.9	96.56	78.96	101.1	70- 80	153.0	3980
90.0	13.62	11.91	11.01	15.92	18.86	17.23	16.96	14.75	80- 90	45.53	4026
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:03-17-2025

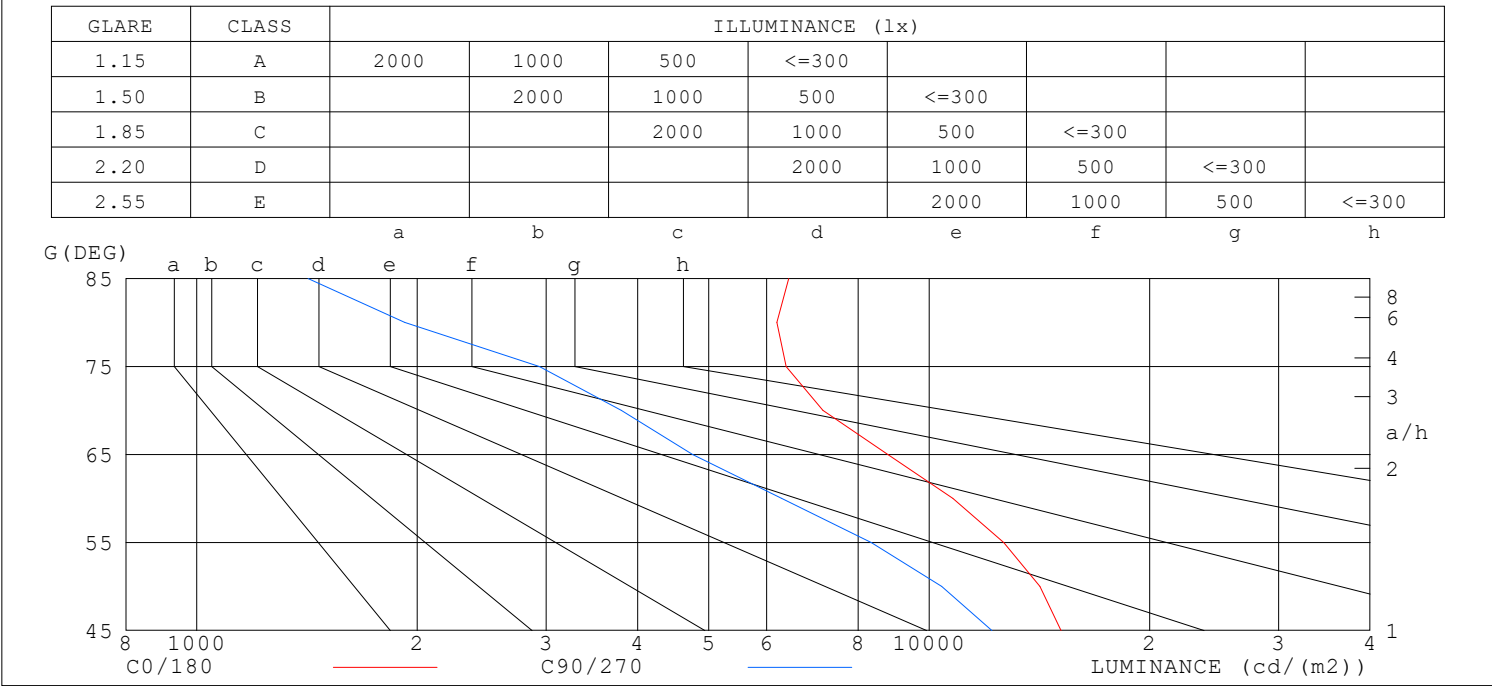
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	6430	1419
80	6195	1923
75	6381	2936
70	7159	3800
65	8783	4758
60	10779	6290
55	12646	8339
50	14174	10398
45	15145	12185

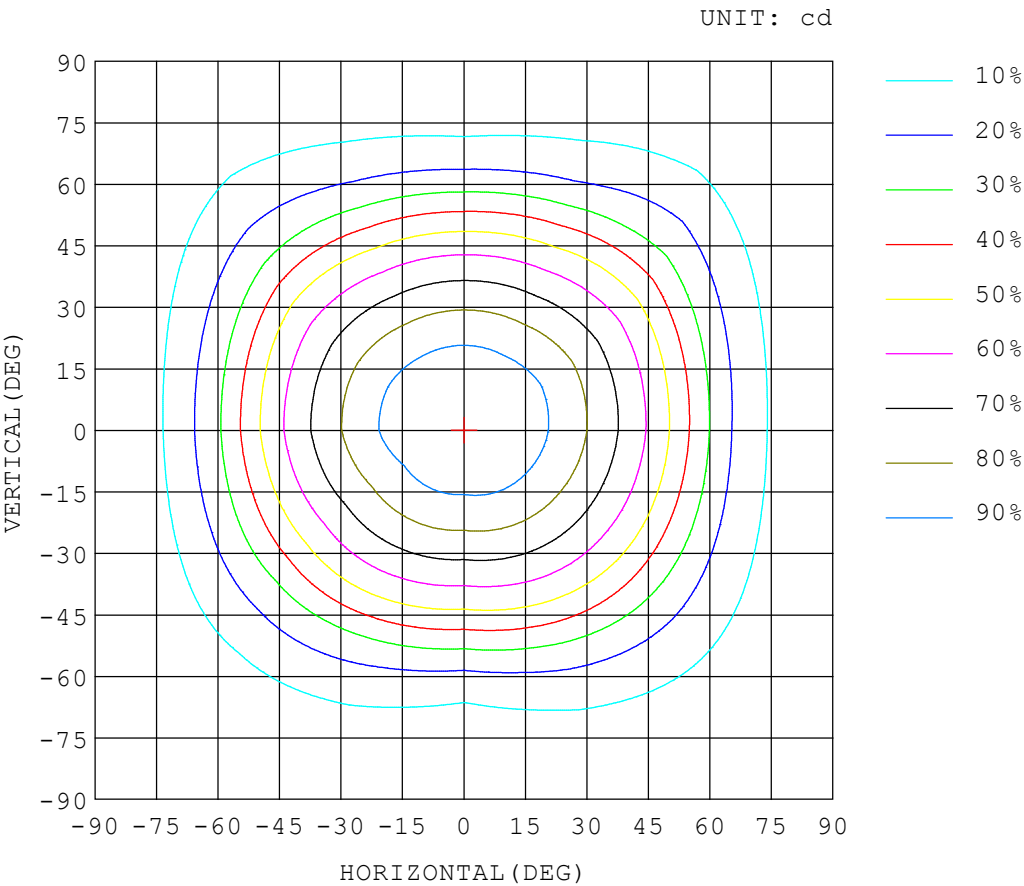
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:



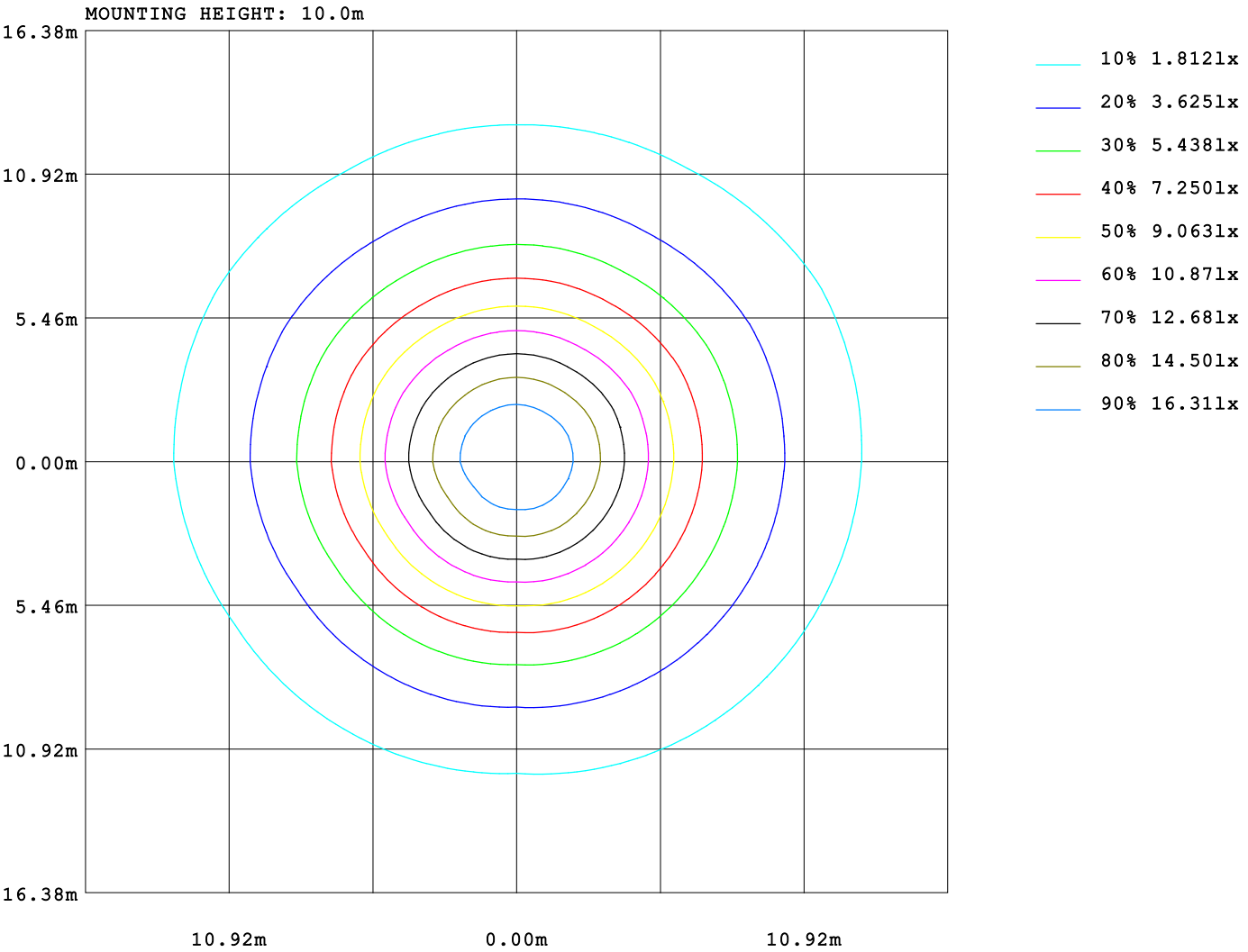
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 6090 DOUBLE DECK

TYPE: .5W 5700K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600MA

DIMENSION: 1200*60*90 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.06	0.23	0.46	0.67	0.81	0.87	0.98	1.14	1.25	1.26	1.18	1.04	0.94	0.87	0.72	0.47	0.22	0.05	13.2	0.00		
90	0.06	0.23	0.46	0.67	0.81	0.87	0.98	1.14	1.25	1.26	1.18	1.04	0.94	0.87	0.72	0.47	0.22	0.05	13.2	0.00		
80	0.08	0.37	0.91	1.62	2.29	2.90	3.48	3.98	4.18	4.20	4.06	3.61	3.05	2.41	1.71	0.99	0.40	0.08	40.3	5.46		
70	0.10	0.55	1.50	2.93	4.54	6.26	7.84	9.22	9.94	9.97	9.27	7.90	6.49	4.83	3.10	1.57	0.59	0.10	86.7	76.8		
60	0.12	0.75	2.14	4.57	7.71	11.1	14.6	17.9	19.8	19.9	18.2	15.0	11.6	8.22	5.01	2.26	0.79	0.13	160	156		
50	0.14	0.93	2.81	6.55	11.6	17.6	23.3	27.9	30.5	30.6	28.2	23.8	18.3	12.3	7.06	3.03	0.98	0.15	246	243		
40	0.15	1.08	3.54	8.50	15.9	23.9	30.7	36.1	39.2	39.3	36.3	31.1	24.5	16.7	9.01	3.77	1.14	0.17	322	319		
30	0.17	1.21	4.22	10.3	19.3	28.5	36.6	42.7	46.3	46.4	42.9	36.9	29.1	19.9	10.8	4.39	1.28	0.18	382	380		
	0.18	1.30	4.72	11.6	21.5	31.5	40.6	47.6	51.5	51.4	47.8	40.9	31.9	21.9	12.1	4.83	1.37	0.19	424	422		
	0.18	1.33	4.96	12.3	22.5	32.9	42.5	50.0	54.0	53.9	50.0	42.6	33.1	22.9	12.7	5.02	1.40	0.20	443	441		
	0.18	1.30	4.85	12.0	22.1	32.2	41.6	48.9	53.0	53.3	49.3	42.0	32.6	22.5	12.4	4.92	1.38	0.19	436	434		
	0.17	1.22	4.41	10.8	20.1	29.6	38.2	45.3	49.3	49.6	46.0	39.2	30.4	20.9	11.3	4.54	1.31	0.18	403	401		
-30	0.16	1.09	3.74	9.05	17.0	25.6	33.6	39.8	43.2	43.4	40.5	34.6	26.8	18.0	9.69	3.94	1.18	0.17	352	350		
-40	0.14	0.94	2.94	7.03	12.9	20.5	27.5	32.7	35.3	35.5	33.4	28.6	21.8	14.1	7.65	3.22	1.02	0.15	286	283		
-50	0.12	0.77	2.18	4.96	9.08	14.2	19.5	23.7	25.8	26.0	24.5	20.7	15.4	10.0	5.58	2.47	0.85	0.13	206	203		
-60	0.10	0.58	1.53	3.16	5.71	8.66	11.4	13.7	14.7	15.0	14.3	12.4	9.47	6.42	3.72	1.77	0.65	0.11	124	117		
-70	0.08	0.39	0.97	1.84	3.15	4.68	5.97	6.62	6.65	6.76	6.91	6.37	5.18	3.66	2.22	1.15	0.45	0.09	63.1	41.3		
-80	0.07	0.24	0.46	0.85	1.39	1.97	2.44	2.62	2.53	2.59	2.80	2.71	2.28	1.67	1.06	0.59	0.28	0.07	26.6	0.00		
-90	0.05	0.16	0.23	0.30	0.44	0.59	0.67	0.65	0.58	0.59	0.67	0.70	0.63	0.49	0.34	0.24	0.15	0.04	7.51	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)													
Φ t	2.26	14.4	46.6	109	198	294	382	451	488	490	457	391	304	208	117	49.2	15.4	2.38	4026			
Φ a	0.00	2.89	37.0	101	190	286	374	443	479	481	448	382	296	200	108	40.1	4.13	0.00			3875	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 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 6090 DOUBLE DECK

TYPE: .5W 5700K CRI90

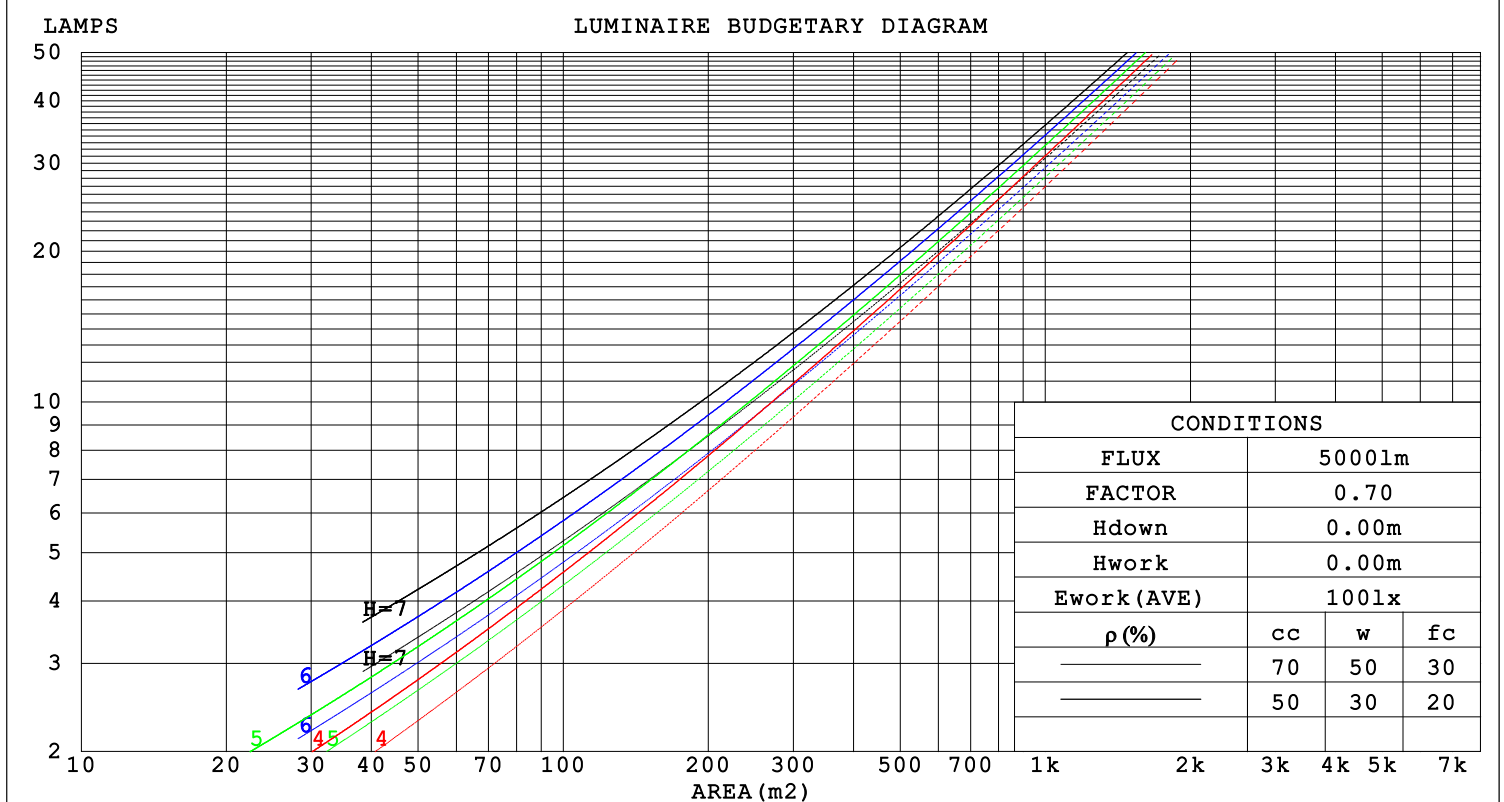
WEIGHT:

SPECIFICATION: FULHAM 600MA

DIMENSION: 1200*60*90 MM

SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.96	.93	.91	.92	.90	.89	.87
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.76	.70	.82	.75	.70	.79	.73	.68	.76	.71	.67	.74	.70	.66	.64
4.0	.75	.67	.60	.73	.66	.60	.71	.64	.59	.69	.63	.58	.67	.62	.58	.56
5.0	.67	.59	.53	.66	.58	.53	.64	.57	.52	.62	.56	.51	.60	.55	.51	.49
6.0	.61	.53	.47	.60	.52	.46	.58	.51	.46	.57	.50	.46	.55	.50	.45	.43
7.0	.56	.47	.42	.55	.47	.41	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.37	.50	.43	.37	.49	.42	.37	.48	.41	.37	.47	.41	.37	.35
9.0	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.43	.37	.33	.31
10.0	.43	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.40	.34	.30	.29



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 6090 DOUBLE DECK

TYPE: .5W 5700K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600MA

DIMENSION: 1200*60*90 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	.271	.154	.049	.264	.151	.048	.251	.144	.046	.239	.138	.044	.228	.132	.043	
2.0	.259	.142	.044	.253	.139	.043	.242	.134	.042	.231	.130	.041	.222	.125	.040	
3.0	.244	.130	.039	.238	.128	.038	.228	.124	.038	.219	.120	.037	.210	.116	.036	
4.0	.228	.118	.035	.223	.117	.034	.214	.114	.034	.206	.111	.033	.198	.108	.033	
5.0	.213	.108	.031	.209	.107	.031	.201	.104	.031	.193	.102	.030	.187	.100	.030	
6.0	.199	.100	.029	.195	.099	.028	.188	.097	.028	.182	.094	.028	.176	.092	.027	
7.0	.187	.092	.026	.183	.091	.026	.177	.090	.026	.171	.088	.026	.166	.086	.025	
8.0	.175	.086	.024	.172	.085	.024	.167	.083	.024	.162	.082	.024	.157	.080	.023	
9.0	.165	.080	.022	.163	.079	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.156	.075	.021	.154	.074	.021	.149	.073	.021	.145	.072	.020	.141	.071	.020	

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	.178	.156	.137	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.159	.114	.078	.137	.098	.068	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.062	.130	.087	.053	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.124	.078	.043	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.113	.064	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.107	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.102	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.114	.059	.023	.098	.052	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: VIRAJ 6090 DOUBLE DECK					TYPE: .5W 5700K CRI90			WEIGHT:			
SPECIFICATION: FULHAM 600MA					DIMENSION: 1200*60*90 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	21.1	22.5	21.3	22.7	22.9	19.6	21.0	19.9	21.2	21.4
	3H	21.8	23.1	22.1	23.3	23.5	20.0	21.3	20.3	21.5	21.8
	4H	22.0	23.3	22.3	23.5	23.8	20.1	21.3	20.4	21.6	21.8
	6H	22.3	23.4	22.6	23.7	24.0	20.1	21.2	20.4	21.5	21.8
	8H	22.3	23.5	22.7	23.7	24.0	20.0	21.2	20.4	21.4	21.7
	12H	22.4	23.5	22.8	23.8	24.1	20.0	21.1	20.4	21.4	21.7
4H	2H	21.2	22.5	21.5	22.7	23.0	20.0	21.2	20.3	21.5	21.7
	3H	22.1	23.2	22.5	23.5	23.8	20.6	21.7	21.0	22.0	22.3
	4H	22.5	23.4	22.8	23.8	24.1	20.8	21.8	21.2	22.1	22.4
	6H	22.8	23.7	23.2	24.0	24.4	20.9	21.7	21.2	22.1	22.4
	8H	22.9	23.7	23.3	24.1	24.5	20.8	21.6	21.2	22.0	22.4
	12H	23.0	23.8	23.4	24.1	24.5	20.8	21.5	21.2	21.9	22.3
8H	4H	22.5	23.3	22.9	23.7	24.0	20.9	21.7	21.4	22.1	22.5
	6H	22.9	23.6	23.3	24.0	24.4	21.1	21.7	21.5	22.1	22.5
	8H	23.1	23.6	23.5	24.1	24.5	21.0	21.6	21.5	22.0	22.5
	12H	23.2	23.7	23.7	24.1	24.6	21.0	21.5	21.5	22.0	22.5
12H	4H	22.5	23.2	22.9	23.6	24.0	20.9	21.7	21.4	22.0	22.4
	6H	22.9	23.5	23.3	23.9	24.3	21.1	21.6	21.5	22.1	22.5
	8H	23.0	23.5	23.5	24.0	24.5	21.1	21.6	21.5	22.0	22.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.3					+ 0.6 / - 0.8				
1.5H		+ 0.3 / - 0.3					+ 0.4 / - 0.6				
2.0H		+ 0.9 / - 0.9					+ 1.2 / - 2.1				

CIE Pub.117 Corrected 4026 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 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) $k(RI) \times RCR = 5$									
$k = 0.60$	62	52	45	62	51	45	61	51	45	39
0.80	73	62	55	72	62	55	70	61	55	48
1.00	81	71	64	80	70	64	78	71	64	57
1.25	88	78	72	86	78	72	84	76	71	64
1.50	92	84	78	91	83	77	88	81	76	69
2.00	98	91	85	97	90	85	93	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

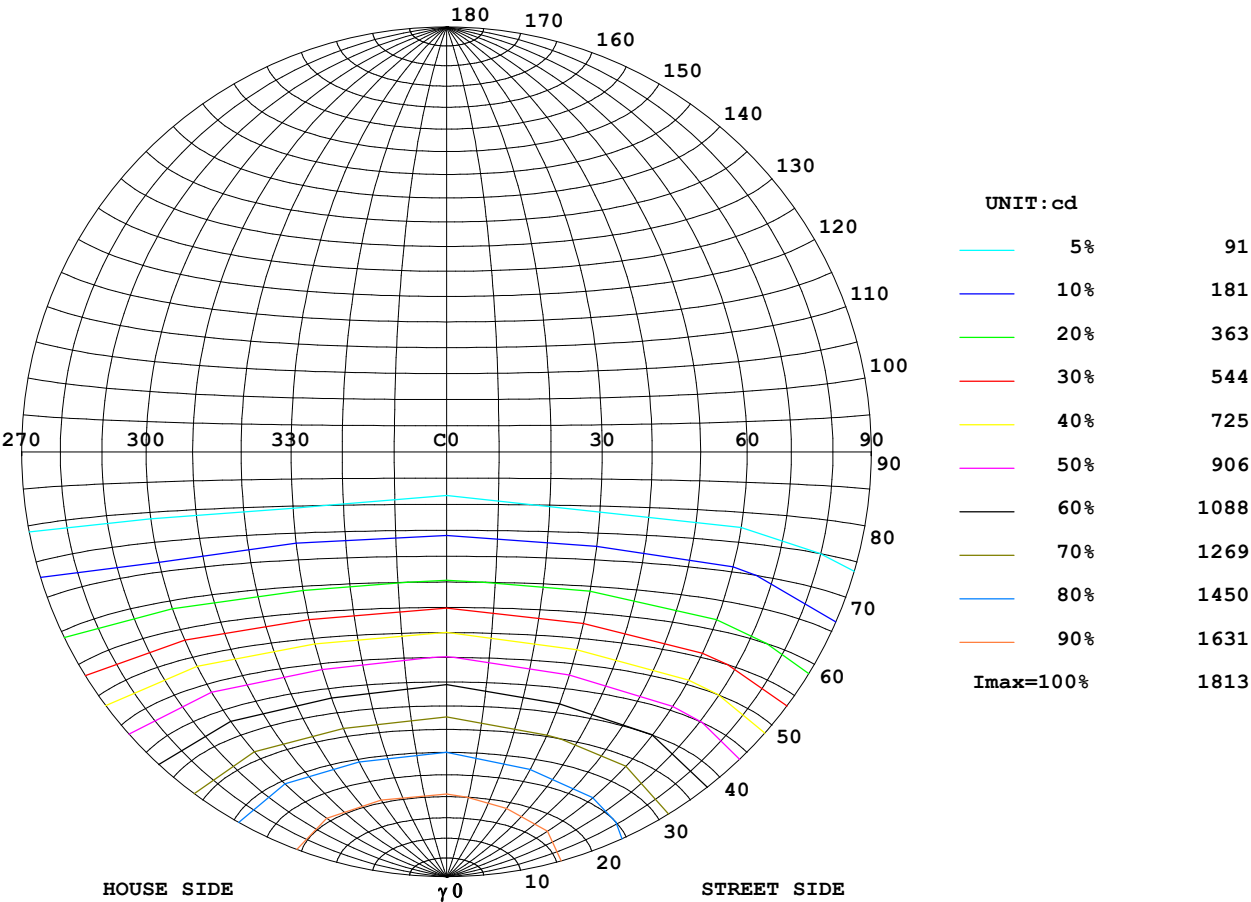
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-17-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

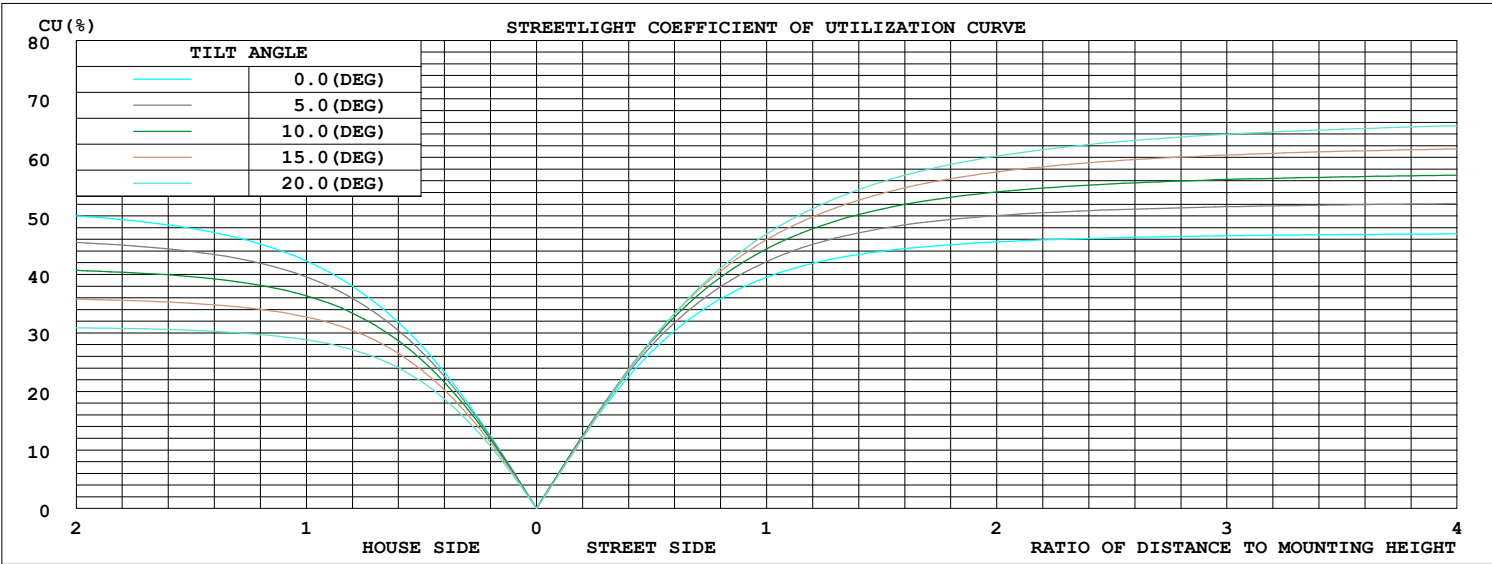
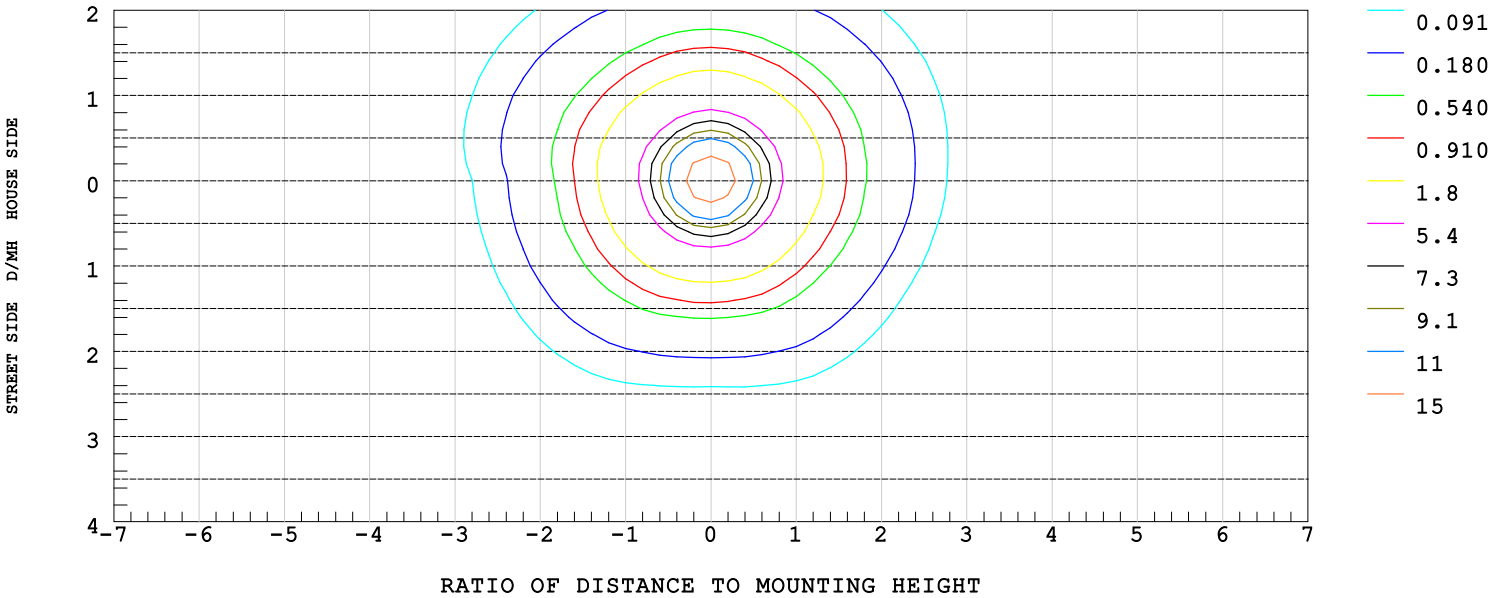
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 18.13 lx



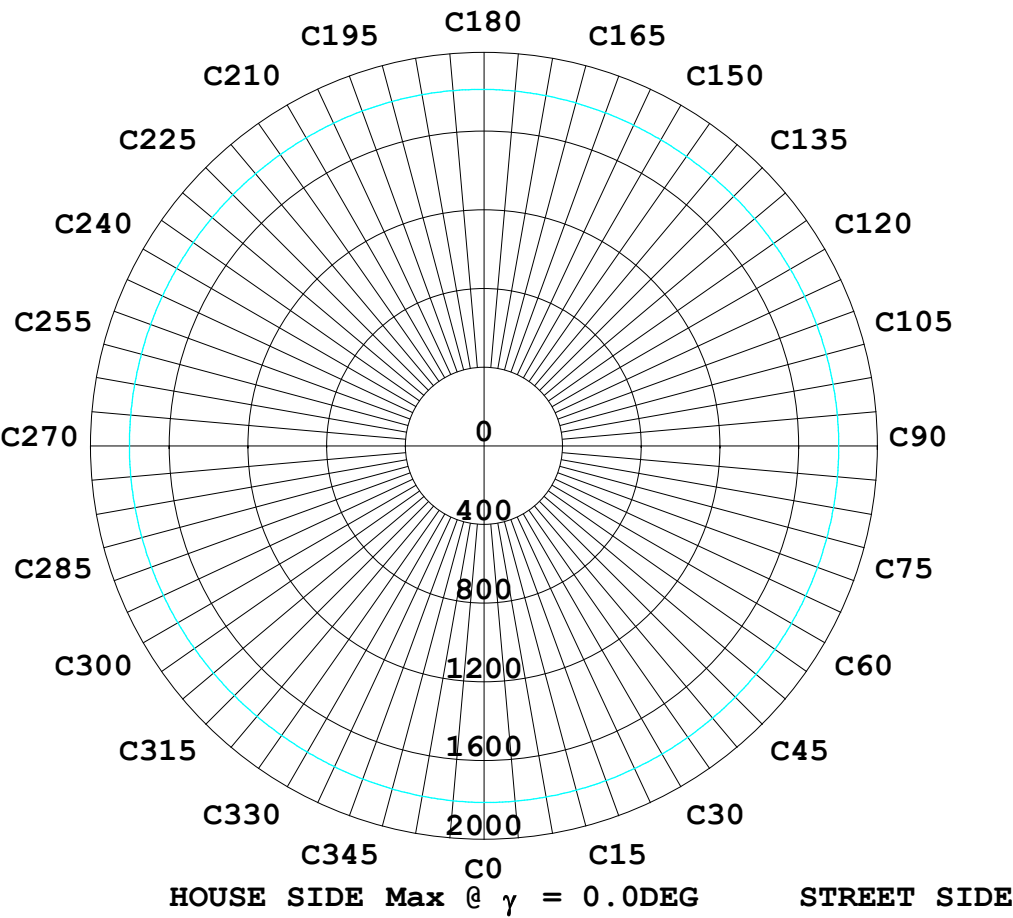
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1813	1809	1804	1803	1798	1797	1813	1809	1804	1803	1798	1797
5.0	1802	1791	1783	1772	1775	1774	1802	1803	1803	1800	1797	1799
10.0	1769	1750	1736	1720	1724	1728	1769	1775	1772	1771	1768	1774
15.0	1715	1690	1669	1644	1654	1663	1715	1724	1718	1722	1716	1727
20.0	1642	1609	1579	1548	1563	1579	1644	1653	1644	1645	1642	1661
25.0	1553	1510	1474	1437	1454	1475	1552	1564	1545	1549	1549	1575
30.0	1450	1400	1358	1311	1333	1363	1446	1459	1434	1434	1437	1471
35.0	1335	1276	1226	1173	1200	1234	1329	1342	1309	1310	1314	1358
40.0	1210	1140	1088	1024	1058	1093	1200	1211	1167	1171	1177	1231
45.0	1071	997	931	862	898	944	1056	1069	1016	1021	1029	1093
50.0	911	831	752	668	712	768	897	915	853	855	868	946
55.0	725	637	566	478	521	577	706	727	661	660	682	771
60.0	539	475	408	315	375	427	517	542	478	472	490	583
65.0	371	336	277	201	262	295	385	403	337	320	338	436
70.0	245	224	194	130	178	187	231	275	231	203	232	308
75.0	165	139	119	75.9	106	114	158	183	143	133	150	193
80.0	108	76.8	61.4	33.3	51.8	61.8	102	113	79.7	78.9	85.1	117
85.0	56.0	26.6	22.2	12.3	21.6	16.8	50.4	56.4	30.7	36.1	35.1	63.8
90.0	13.6	8.57	15.2	11.0	17.3	14.5	18.8	20.9	13.5	16.9	11.6	17.8

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K