

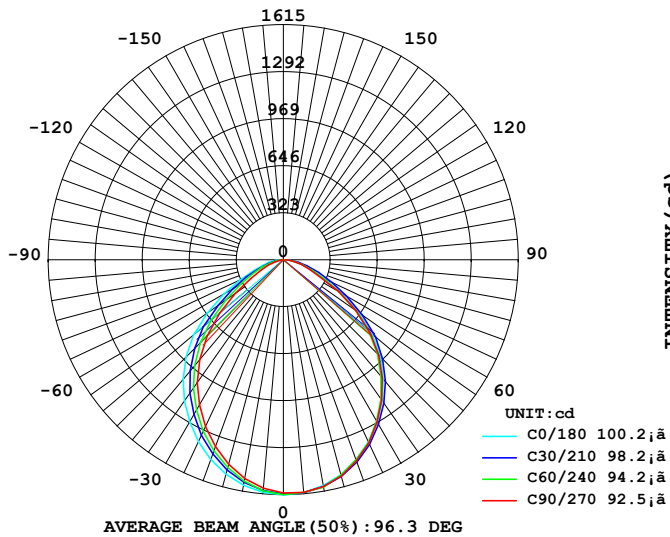
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

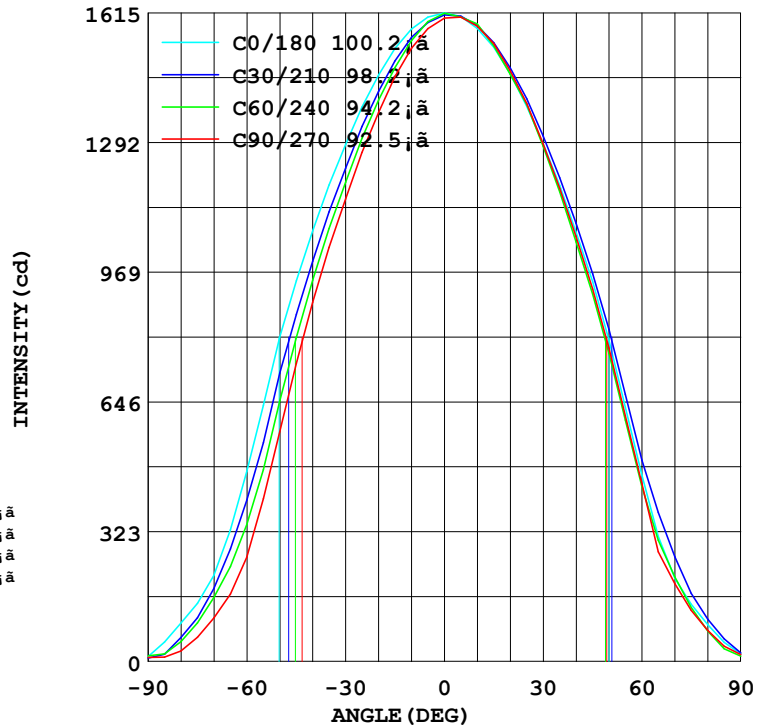
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1615	S/MH (C0/180)	1.19
MODEL	VIRAJ 6090	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.09
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3578.6	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	116.8	Current (A)	0.140
NOMINAL FLUX (lm)	3578.7	η up (%)	0.0	Power (W)	30.65
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	3444.5	EEI	0.121

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 3000K

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 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

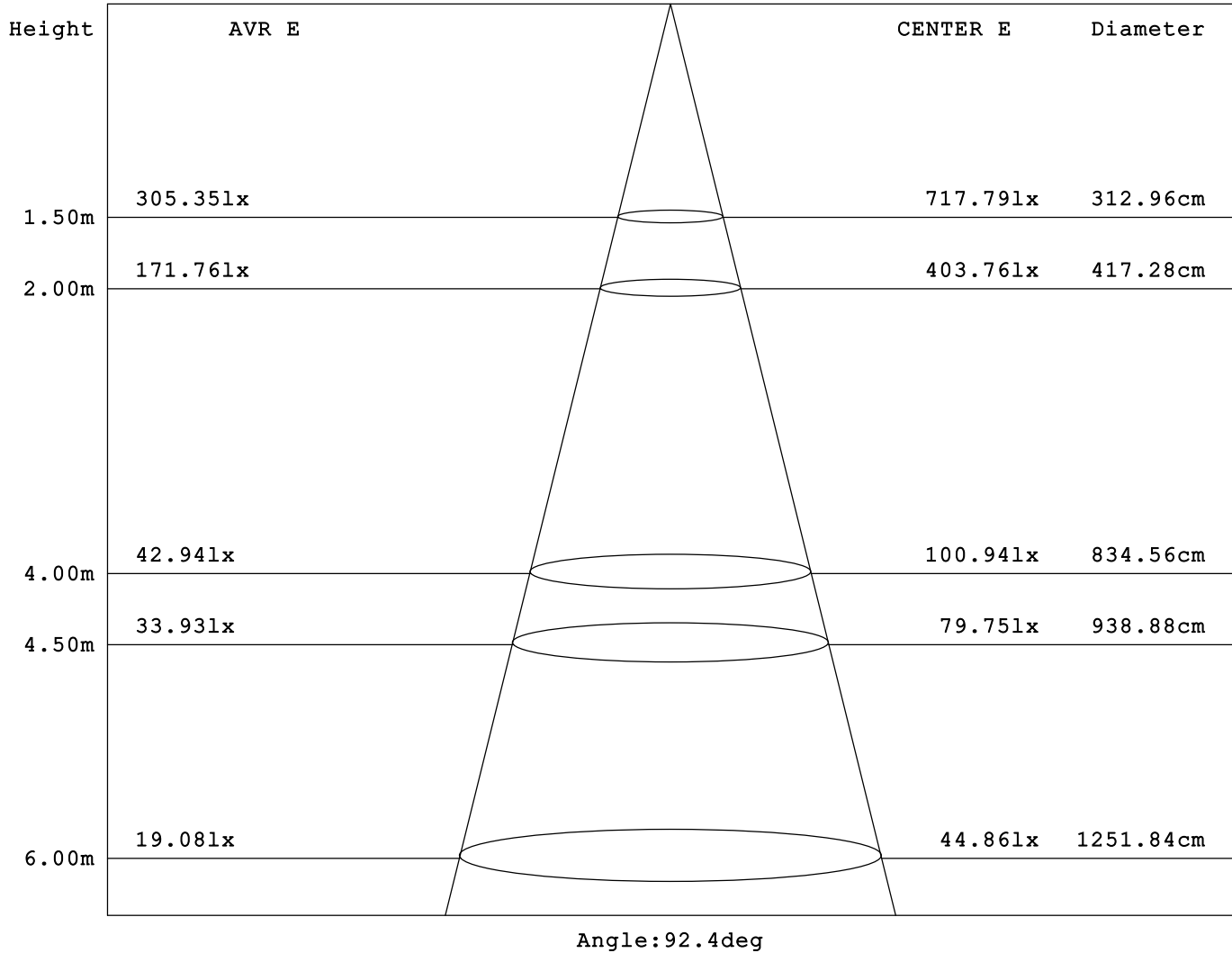
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

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 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	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: 3000K

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 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1575	1550	1527	1538	1576	1586	1582	1579	0- 10	151.3	151.3
20.0	1460	1409	1367	1396	1464	1470	1471	1473	10- 20	425.2	576.6
30.0	1287	1211	1152	1196	1290	1296	1289	1299	20- 30	622.2	1199
40.0	1072	972.7	894.3	954.5	1069	1068	1058	1075	30- 40	712.8	1912
50.0	807.4	682.9	571.4	656.7	799.1	796.6	779.3	812.3	40- 50	681.2	2593
60.0	472.5	371.0	259.6	354.7	463.7	467.4	442.0	487.2	50- 60	513.0	3106
70.0	213.7	170.3	107.5	162.0	206.4	235.1	193.5	246.4	60- 70	294.2	3400
80.0	95.03	54.28	25.90	49.72	91.42	90.11	77.07	94.94	70- 80	136.5	3537
90.0	12.63	11.10	10.28	15.11	18.41	16.92	16.96	14.21	80- 90	41.80	3579
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

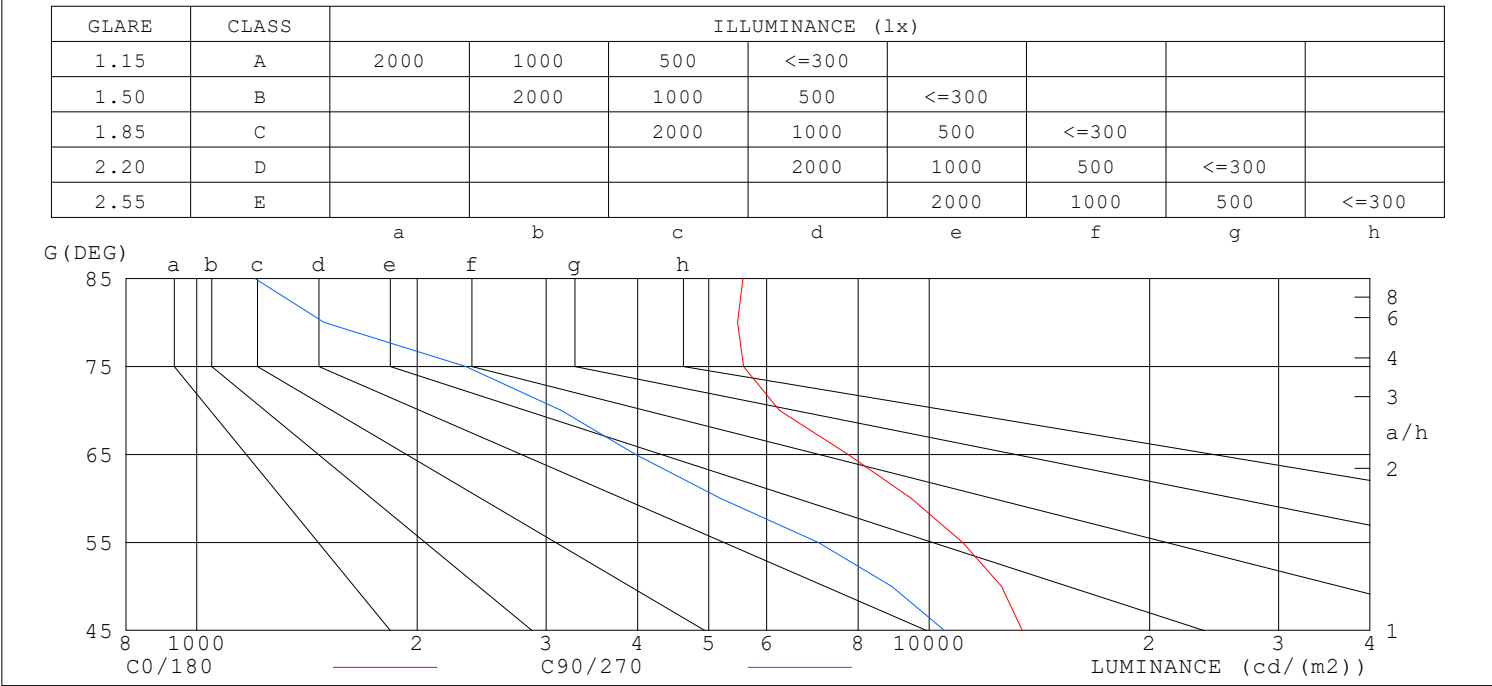
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

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 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	5571	1201
80	5473	1492
75	5579	2329
70	6249	3145
65	7752	3976
60	9451	5193
55	11118	7060
50	12562	8890
45	13399	10498

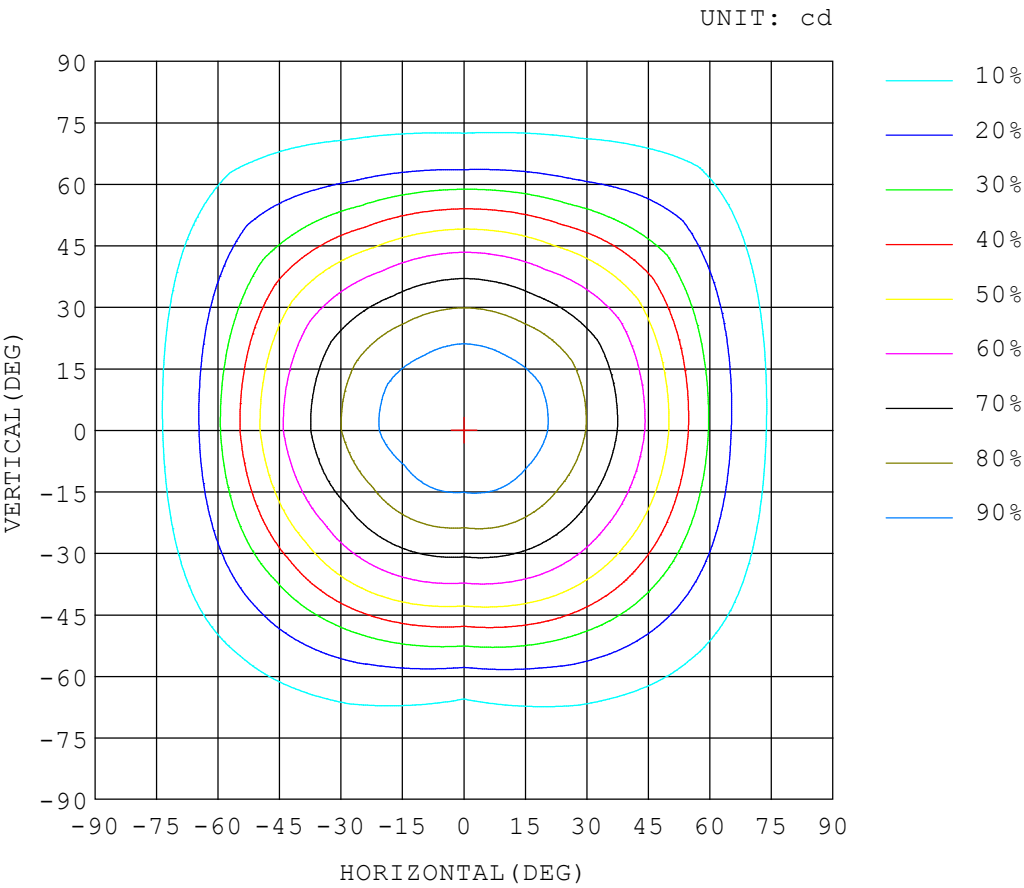
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*60*90 MM	SERIAL No.:



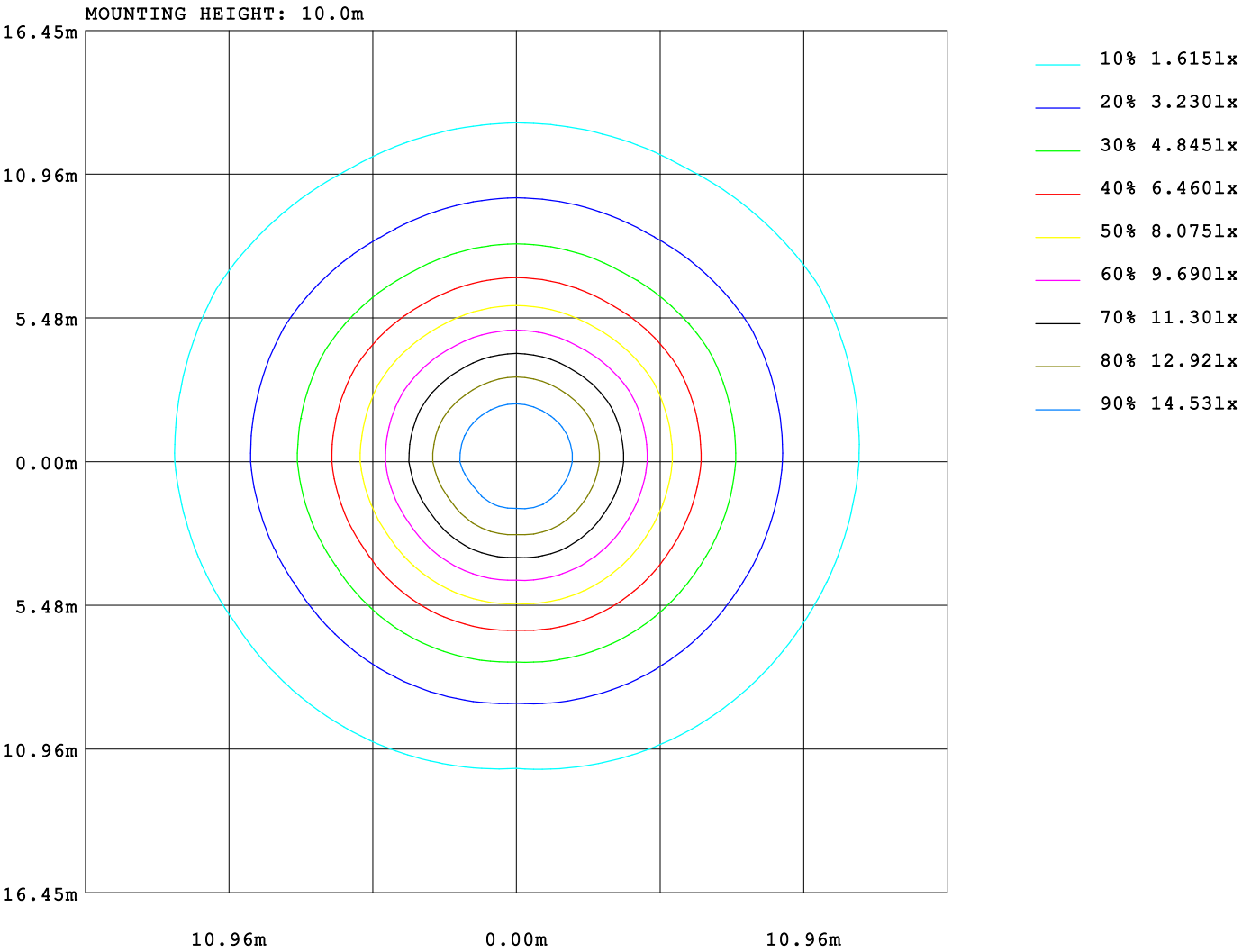
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	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: 3000K

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 3000K CRI90					WEIGHT:					
SPECIFICATION: FULHAM-600 MA										DIMENSION: 1200*60*90 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a					
	90	0.06	0.22	0.45	0.67	0.80	0.86	0.97	1.14	1.25	1.26	1.17	1.01	0.91	0.84	0.69	0.45	0.20	0.05	13.0	0.00							
	80	0.08	0.36	0.87	1.52	2.14	2.71	3.26	3.76	3.98	4.01	3.83	3.37	2.84	2.26	1.62	0.93	0.37	0.07	38.0	6.76							
	70	0.09	0.52	1.38	2.71	4.22	5.74	7.08	8.30	8.94	8.99	8.43	7.26	5.96	4.45	2.89	1.46	0.54	0.09	79.1	71.1							
	60	0.11	0.69	1.97	4.28	7.08	10.1	13.3	16.4	18.2	18.3	16.6	13.7	10.5	7.44	4.54	2.08	0.72	0.11	147	143							
	50	0.13	0.85	2.59	6.00	10.6	16.0	21.0	25.2	27.6	27.6	25.4	21.4	16.5	11.1	6.34	2.73	0.89	0.13	223	220							
	40	0.14	0.99	3.19	7.71	14.5	21.5	27.6	32.3	35.2	35.2	32.4	27.8	21.9	15.0	8.06	3.36	1.02	0.15	289	287							
	30	0.16	1.10	3.71	9.33	17.4	25.7	32.8	38.3	41.5	41.5	38.3	32.9	26.0	17.8	9.64	3.90	1.14	0.16	342	340							
		0.16	1.17	4.09	10.5	19.3	28.2	36.4	42.6	45.9	46.0	42.6	36.5	28.4	19.5	10.7	4.28	1.21	0.17	378	377							
		0.17	1.19	4.26	11.0	20.2	29.4	37.9	44.6	48.2	48.1	44.6	37.9	29.4	20.3	11.2	4.42	1.23	0.17	395	393							
		0.16	1.17	4.15	10.8	19.7	28.7	37.0	43.5	47.2	47.4	43.8	37.2	28.9	19.9	10.9	4.31	1.20	0.17	387	385							
		0.16	1.10	3.78	9.68	17.9	26.3	34.0	40.2	43.7	43.9	40.6	34.5	26.7	18.3	9.93	3.95	1.13	0.16	357	355							
	-30	0.14	0.99	3.22	8.05	15.1	22.8	29.9	35.3	38.1	38.3	35.7	30.4	23.4	15.6	8.36	3.39	1.02	0.15	310	308							
	-40	0.13	0.85	2.60	6.20	11.5	18.2	24.4	28.9	31.1	31.2	29.2	24.8	18.8	12.1	6.52	2.73	0.88	0.13	251	248							
	-50	0.11	0.69	1.96	4.40	8.06	12.5	17.2	20.8	22.4	22.5	21.1	17.8	13.1	8.51	4.67	2.06	0.72	0.11	179	176							
	-60	0.09	0.52	1.38	2.85	5.10	7.67	10.0	11.8	12.6	12.7	12.1	10.4	7.98	5.36	3.03	1.45	0.55	0.09	106	99.5							
	-70	0.08	0.35	0.87	1.66	2.80	4.12	5.23	5.71	5.60	5.63	5.79	5.34	4.28	2.95	1.75	0.93	0.37	0.08	53.6	32.0							
	-80	0.07	0.22	0.42	0.75	1.23	1.71	2.08	2.19	2.07	2.09	2.26	2.19	1.82	1.32	0.82	0.45	0.23	0.06	22.0	0.00							
	-90	0.05	0.16	0.22	0.28	0.40	0.54	0.60	0.57	0.49	0.49	0.56	0.59	0.52	0.39	0.25	0.19	0.13	0.04	6.45	0.00							
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)												20	30	40	50	60	70	80	90
Φ t	2.10	13.1	41.1	98.5	179	263	341	402	435	436	405	346	268	184	102	43.1	13.5	2.09	3579									
Φ a	0.00	2.80	32.6	90.8	171	256	334	394	427	428	397	338	261	176	94.8	35.0	3.41	0.00			3445							

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: 3000K

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 3000K CRI90

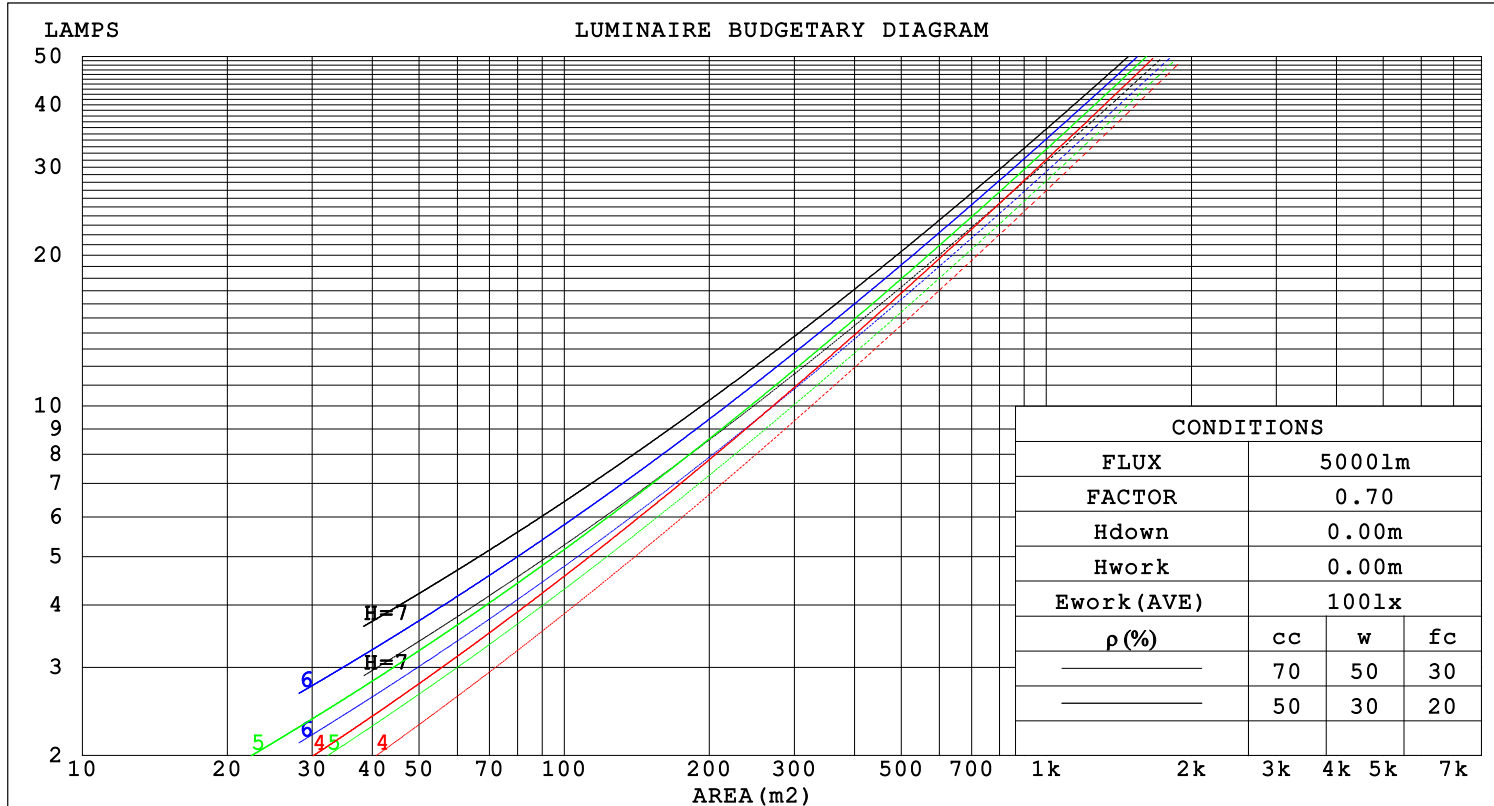
WEIGHT:

SPECIFICATION: FULHAM-600 MA

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	.86														
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	.32														
10.0	.43	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.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: 3000K

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 3000K CRI90

WEIGHT:

SPECIFICATION: FULHAM-600 MA

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	.140	.043	.242	.135	.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	.186	.100	.030	
6.0	.199	.100	.029	.195	.099	.028	.188	.096	.028	.182	.094	.028	.176	.092	.027	
7.0	.187	.092	.026	.183	.091	.026	.177	.089	.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	.157	.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: 3000K

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 3000K CRI90			WEIGHT:			
SPECIFICATION: FULHAM-600 MA					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	20.5	21.9	20.7	22.1	22.3	18.9	20.3	19.2	20.5	20.7	
	3H	21.2	22.5	21.5	22.7	22.9	19.3	20.6	19.6	20.8	
	4H	21.4	22.7	21.7	22.9	23.1	19.4	20.6	19.7	20.8	
	6H	21.7	22.8	22.0	23.1	23.3	19.3	20.5	19.7	20.7	
	8H	21.7	22.8	22.1	23.1	23.4	19.3	20.4	19.6	20.7	
	12H	21.8	22.9	22.1	23.1	23.4	19.3	20.3	19.6	20.6	
4H	2H	20.6	21.9	20.9	22.1	22.4	19.3	20.5	19.6	20.8	
	3H	21.4	22.5	21.8	22.8	23.1	19.9	20.9	20.2	21.2	
	4H	21.8	22.8	22.2	23.1	23.4	20.0	21.0	20.4	21.3	
	6H	22.1	23.0	22.5	23.3	23.7	20.1	20.9	20.4	21.3	
	8H	22.2	23.0	22.6	23.4	23.8	20.0	20.8	20.4	21.2	
	12H	22.3	23.1	22.8	23.4	23.8	20.0	20.7	20.4	21.1	
8H	4H	21.8	22.6	22.2	23.0	23.4	20.1	20.9	20.5	21.3	
	6H	22.2	22.8	22.6	23.3	23.7	20.2	20.9	20.7	21.3	
	8H	22.3	22.9	22.8	23.3	23.8	20.2	20.8	20.7	21.2	
	12H	22.5	23.0	22.9	23.4	23.9	20.2	20.7	20.7	21.2	
12H	4H	21.8	22.5	22.2	22.9	23.3	20.1	20.8	20.5	21.2	
	6H	22.2	22.7	22.6	23.2	23.6	20.2	20.8	20.7	21.2	
	8H	22.3	22.8	22.8	23.2	23.7	20.2	20.7	20.7	21.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.7 / - 0.9					
1.5H	+ 0.3 / - 0.4					+ 0.4 / - 0.6					
2.0H	+ 1.0 / - 1.0					+ 1.3 / - 2.2					

CIE Pub.117 Corrected 3579 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

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: 3000K

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 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	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		

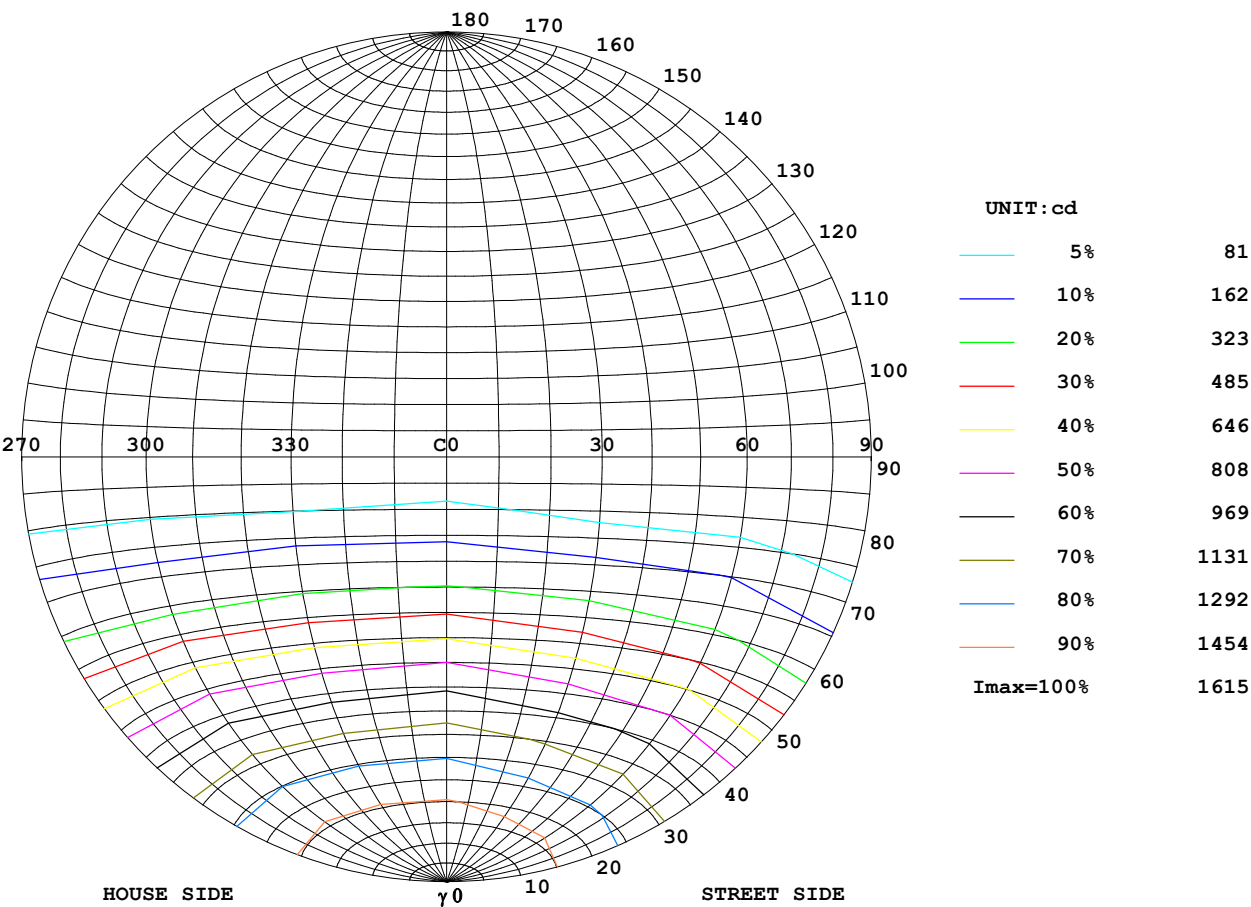
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*60*90 MM	SERIAL No.:



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

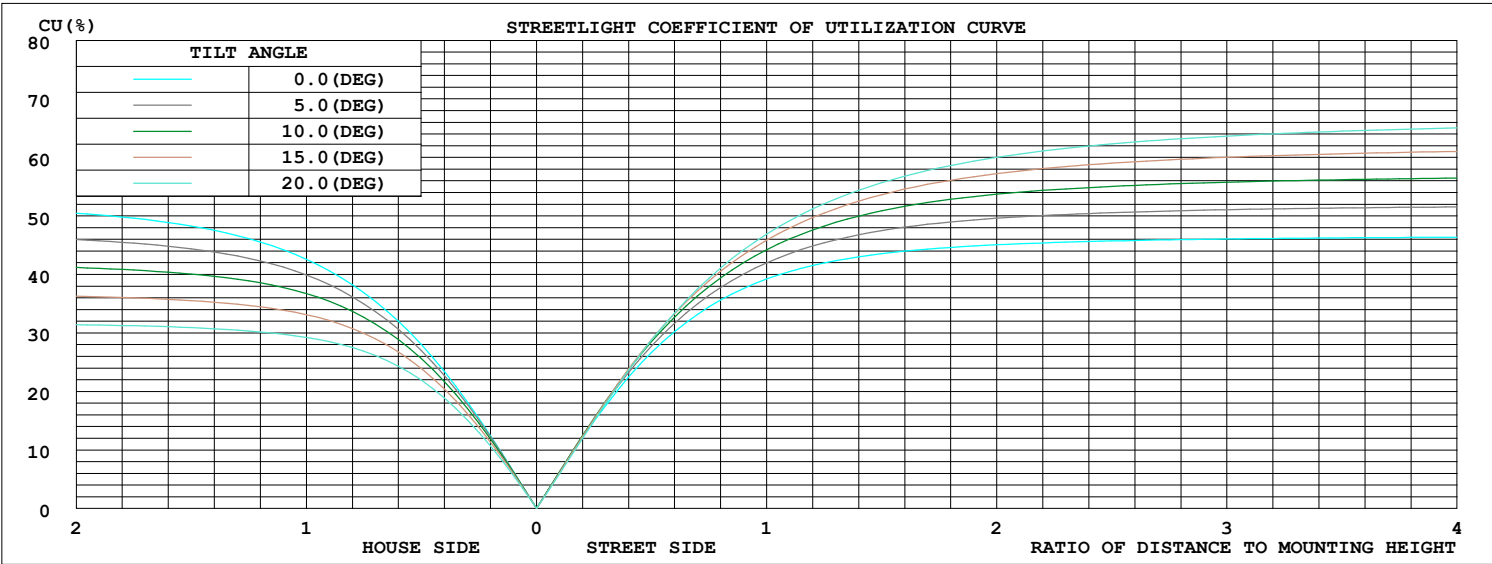
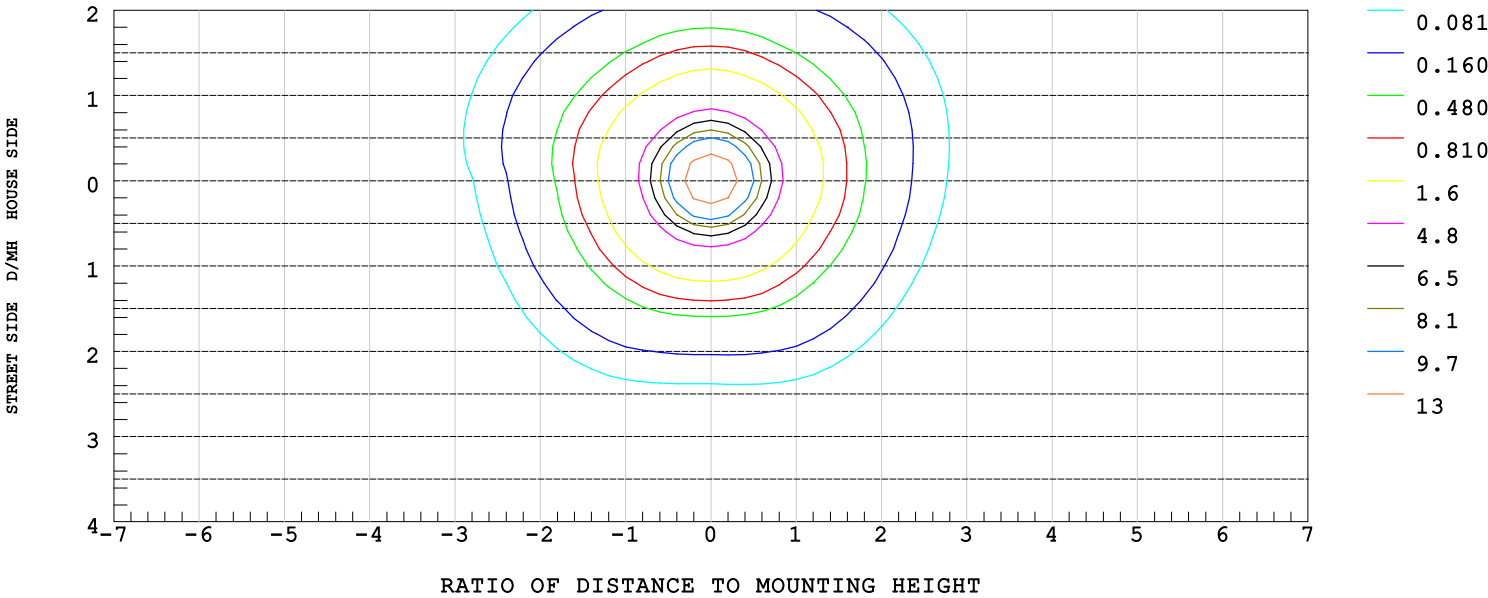
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*60*90 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 16.15 lx



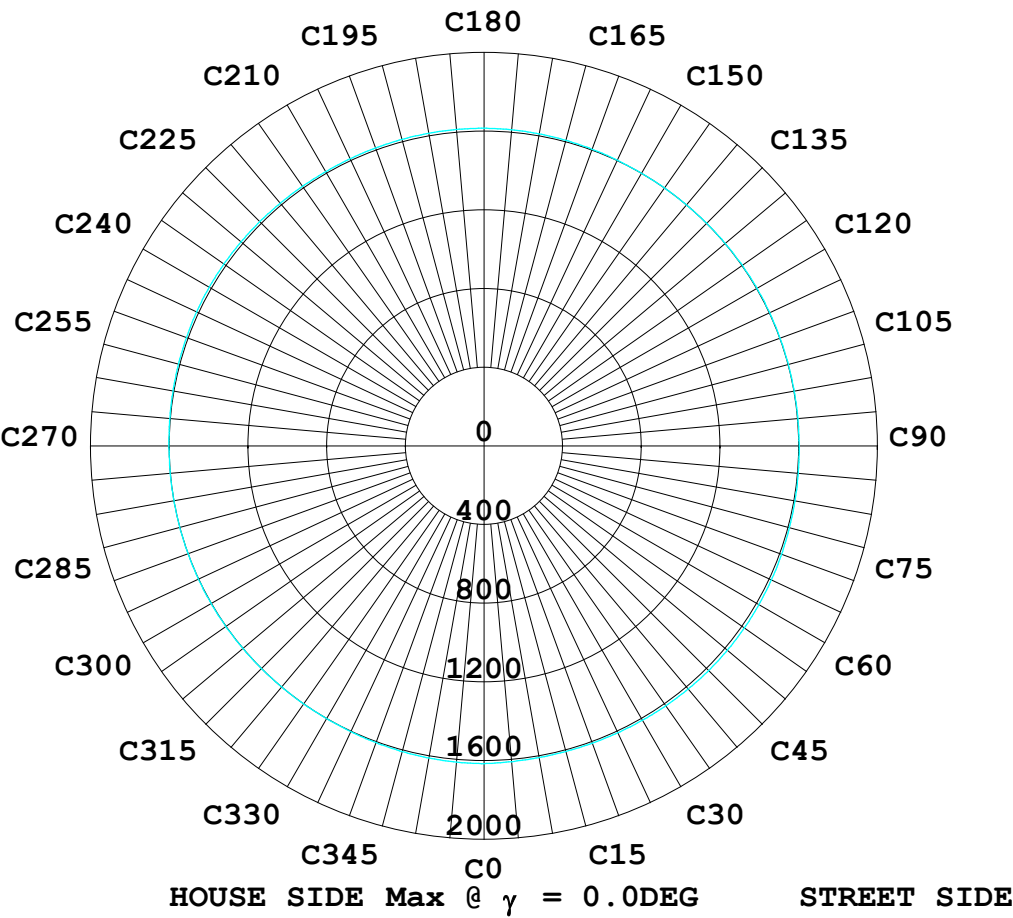
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ 6090 DOUBLE DECK	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	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: 3000K

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 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	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	1615	1610	1614	1602	1603	1601	1615	1610	1614	1602	1603	1601
5.0	1605	1591	1593	1576	1580	1579	1606	1607	1604	1604	1602	1601
10.0	1575	1554	1546	1527	1536	1540	1576	1584	1587	1582	1577	1580
15.0	1526	1495	1478	1456	1470	1481	1529	1541	1532	1538	1533	1538
20.0	1460	1420	1398	1367	1388	1403	1464	1479	1462	1471	1467	1479
25.0	1381	1332	1302	1267	1291	1315	1382	1401	1387	1389	1382	1403
30.0	1287	1228	1193	1152	1182	1210	1290	1309	1283	1289	1285	1312
35.0	1186	1119	1077	1031	1064	1097	1185	1204	1169	1178	1172	1210
40.0	1072	996	949	894	935	974	1069	1091	1045	1058	1050	1100
45.0	947	864	807	742	792	838	945	965	914	927	923	978
50.0	807	717	648	571	628	685	799	826	767	779	780	845
55.0	638	545	478	405	457	514	633	665	601	612	617	693
60.0	473	401	341	260	331	378	464	500	434	442	450	525
65.0	328	280	237	168	233	264	311	371	302	273	310	392
70.0	214	181	159	108	155	169	206	260	210	194	216	277
75.0	144	109	96.1	60.2	91.0	104	142	169	135	127	139	181
80.0	95.0	59.7	48.8	25.9	44.9	54.5	91.4	105	75.0	77.0	79.2	111
85.0	48.5	17.7	18.8	10.4	19.8	15.7	47.1	56.3	31.5	37.9	34.6	61.7
90.0	12.6	8.03	14.1	10.2	16.5	13.7	18.4	20.7	13.0	16.9	11.2	17.1

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: 3000K