

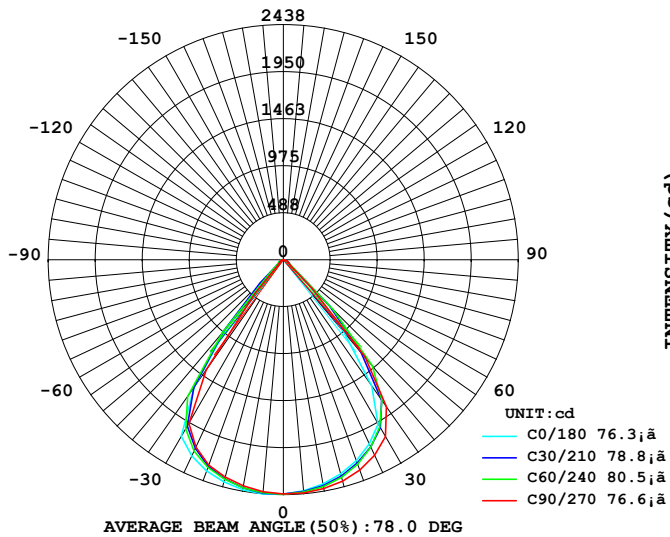
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

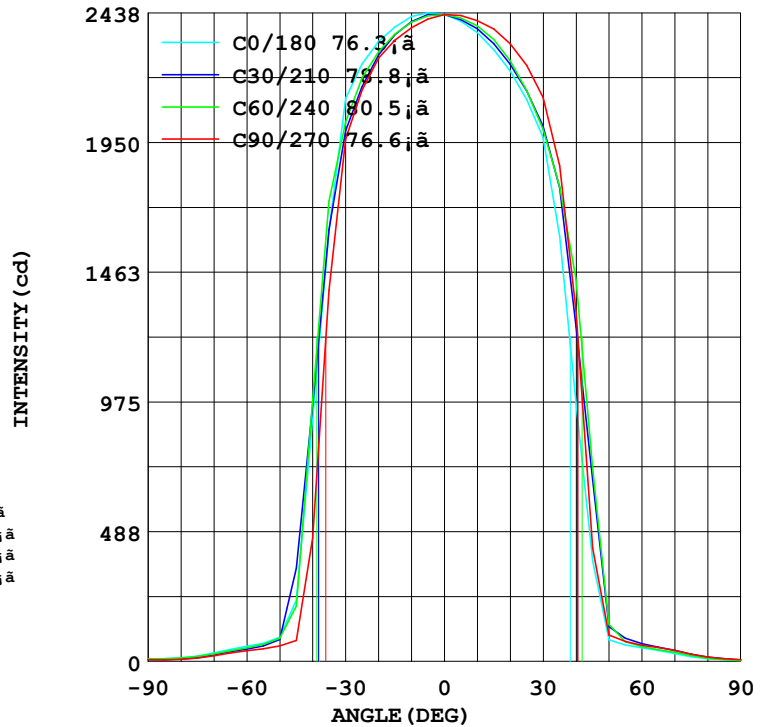
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2442	S/MH (C0/180)	1.10
MODEL	VIRAJ TRAPEZ LENS	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3423.6	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	124.4	Current (A)	0.127
NOMINAL FLUX (lm)	3423.6	η up (%)	0.0	Power (W)	27.51
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.985
TEST VOLTAGE (V)	219.5	Effictive Flux(lm)	3253.9	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.500 m
 Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

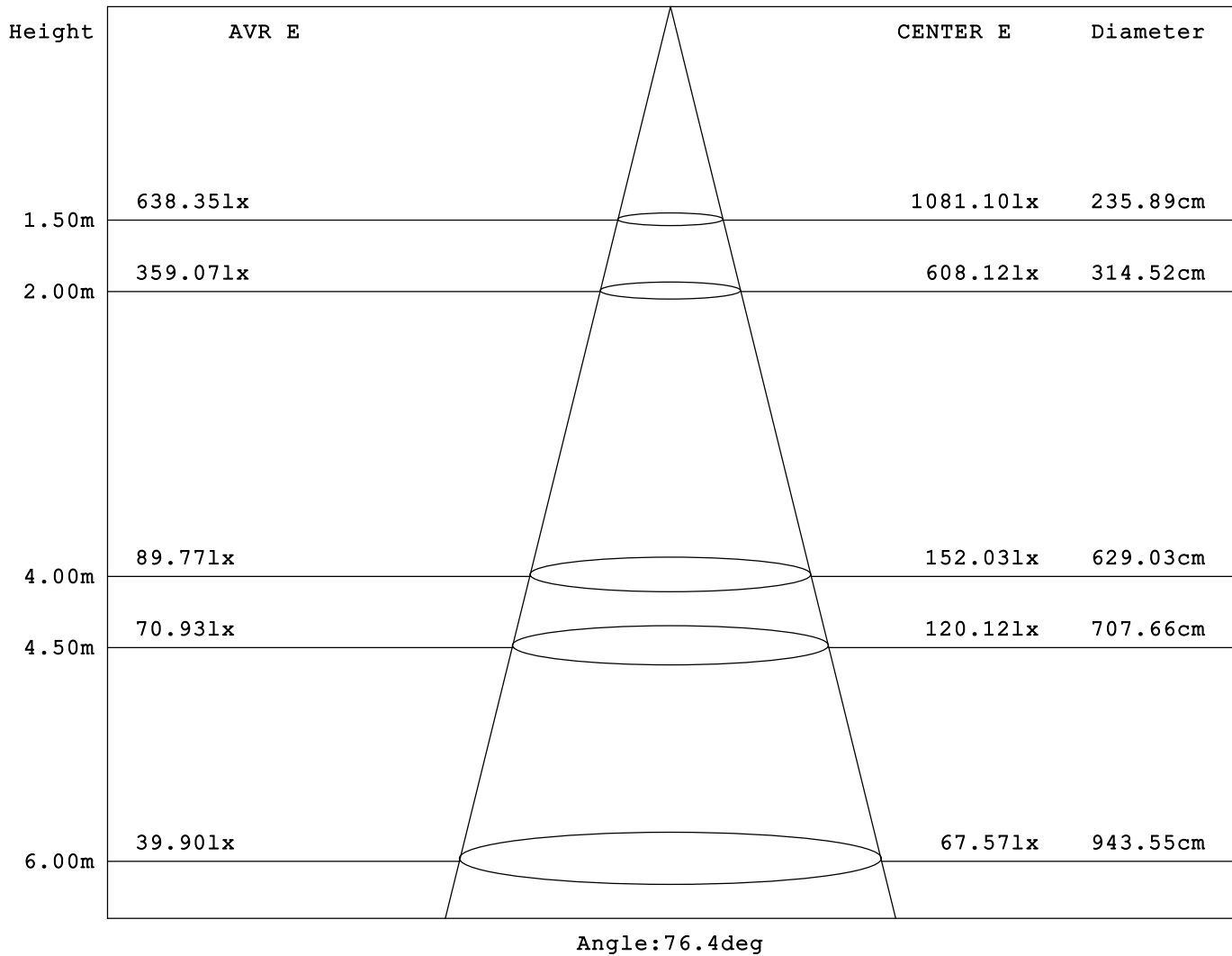
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.500 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2424	2403	2383	2362	2364	2384	2408	2426	0- 10	230.2	230.2
20.0	2330	2286	2267	2220	2219	2251	2322	2334	10- 20	662.1	892.4
30.0	2116	2011	1963	1915	1969	2006	2120	2111	20- 30	996.9	1889
40.0	916.2	974.6	464.7	941.3	971.4	1347	1316	1422	30- 40	1012	2902
50.0	90.84	84.99	58.04	83.84	80.77	134.6	99.73	140.4	40- 50	383.4	3285
60.0	56.92	48.54	40.50	49.10	51.46	61.48	61.14	59.00	50- 60	64.91	3350
70.0	31.61	26.38	20.47	27.22	29.92	37.82	41.06	35.74	60- 70	42.47	3392
80.0	13.55	10.60	7.762	10.68	10.40	14.09	16.76	12.90	70- 80	21.89	3414
90.0	8.943	8.381	6.243	6.750	4.668	4.584	6.018	4.134	80- 90	9.234	3424
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:03-21-2025

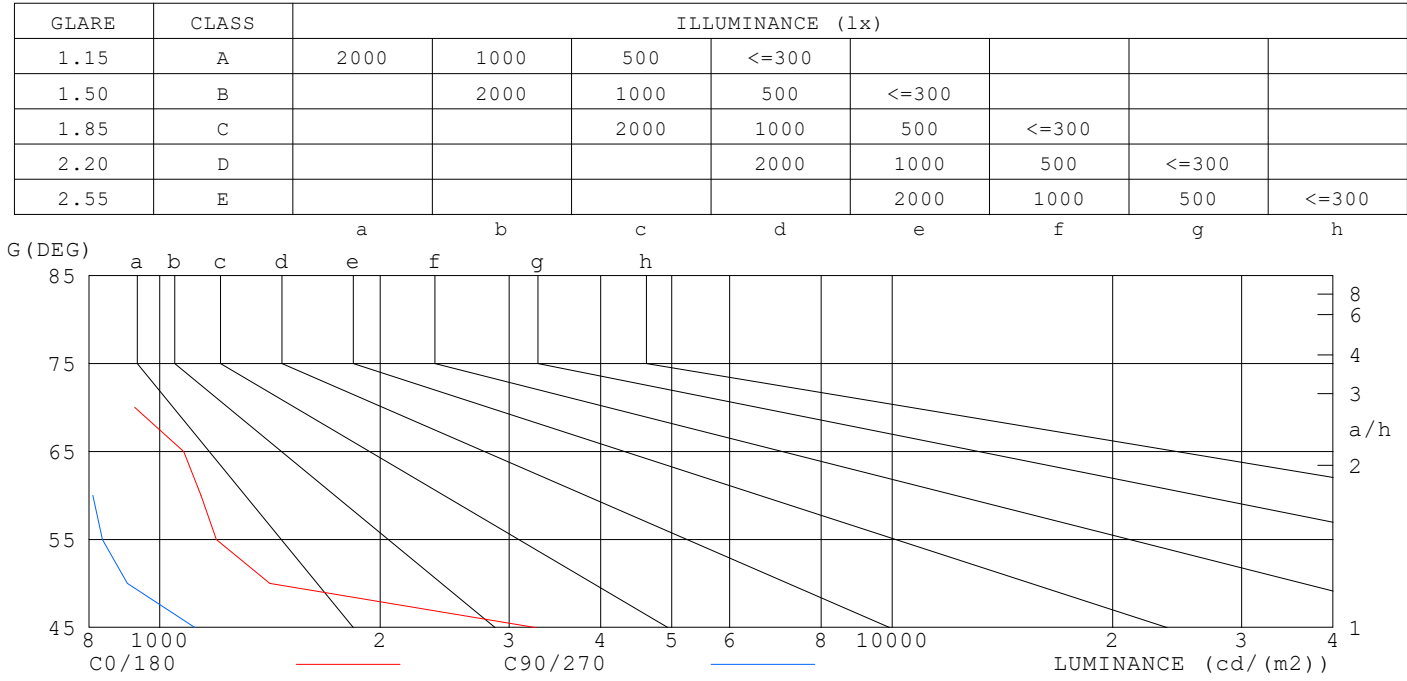
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1149	568
80	781	447
75	765	476
70	924	599
65	1078	743
60	1138	810
55	1194	835
50	1413	903
45	3259	1117

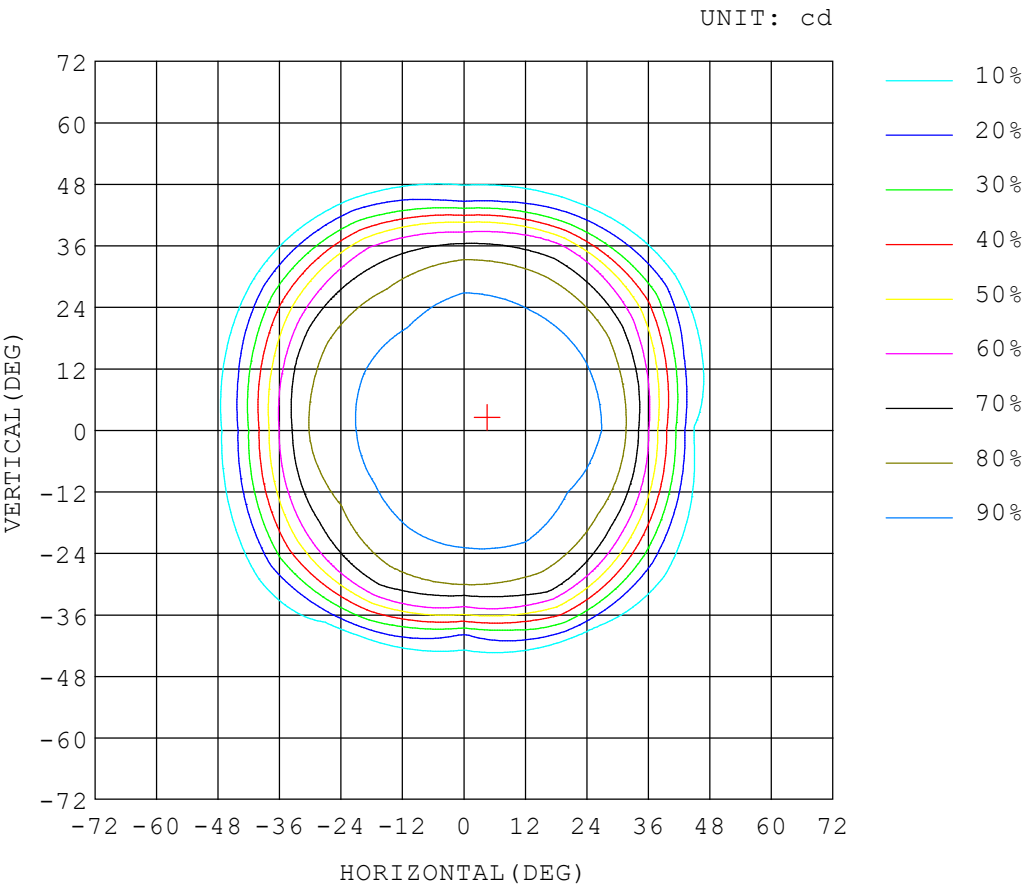
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:



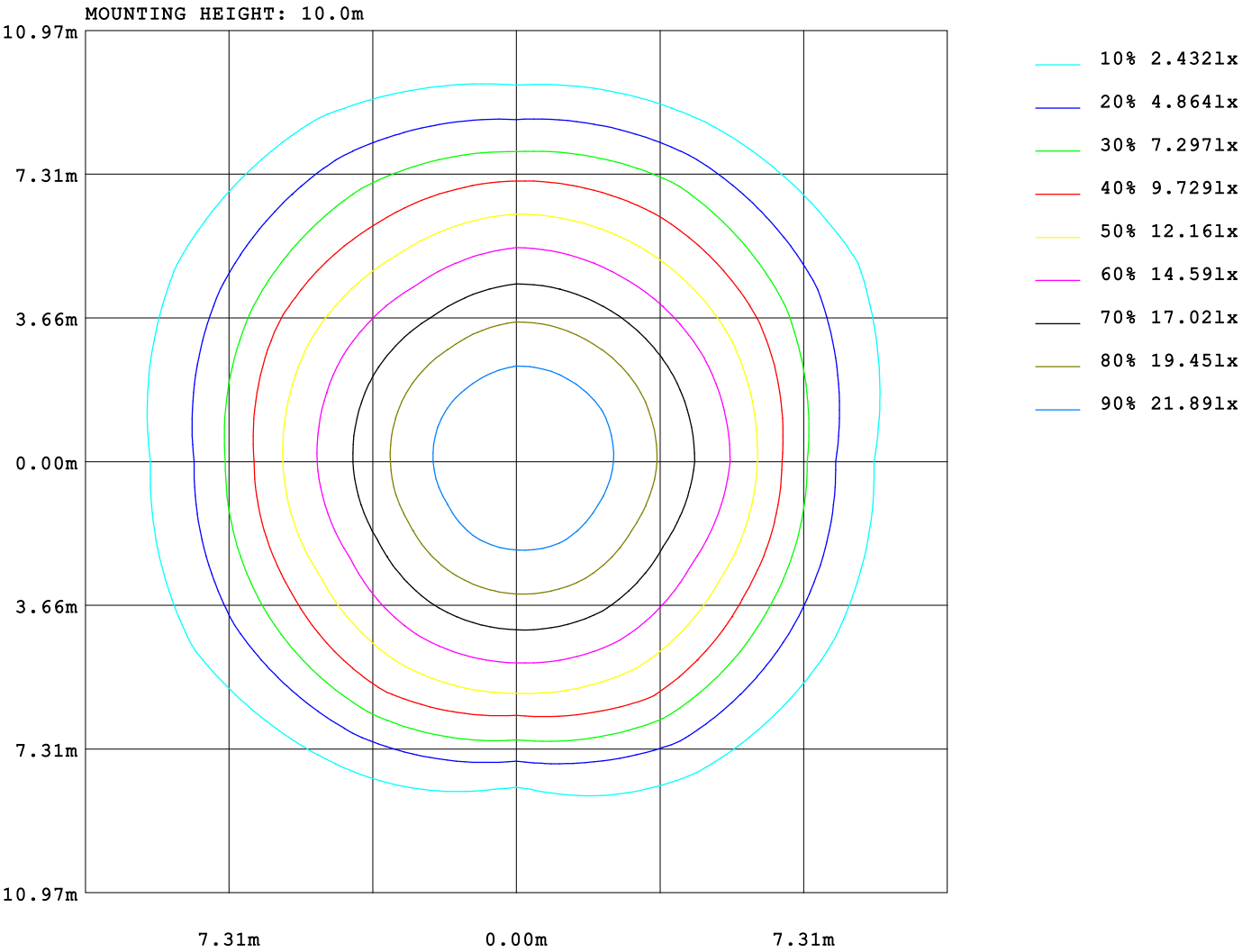
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: VIRAJ TRAPEZ LENS										TYPE: .5W 4000K CRI90					WEIGHT:				
SPECIFICATION: FULHAM 600 MA										DIMENSION: 1200*59*67 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	72	0.09	0.18	0.27	0.38	0.47	0.56	0.67	0.78	0.86	0.85	0.77	0.66	0.54	0.45	0.35	0.25	0.16	0.09	8.38	0.00
	64	0.12	0.25	0.42	0.57	0.71	0.82	0.97	1.10	1.18	1.17	1.07	0.93	0.79	0.68	0.54	0.39	0.23	0.12	12.0	0.00
	56	0.15	0.33	0.56	0.76	0.97	1.19	1.54	1.86	2.08	1.97	1.62	1.29	1.08	0.92	0.73	0.53	0.31	0.15	18.0	0.00
	48	0.18	0.40	0.68	0.98	1.43	3.31	7.87	11.7	13.2	13.0	11.0	6.74	2.90	1.41	0.95	0.66	0.39	0.18	77.2	64.1
	40	0.22	0.46	0.78	1.31	4.39	13.6	23.6	29.8	32.9	33.3	30.8	24.2	13.3	4.60	1.46	0.78	0.45	0.21	217	208
	32	0.24	0.50	0.87	2.51	11.9	24.4	33.1	38.0	41.1	41.7	39.5	34.9	25.6	12.4	2.99	0.91	0.50	0.24	312	306
	24	0.25	0.52	0.95	5.11	18.0	30.9	37.6	41.6	44.3	44.9	43.2	39.5	32.4	18.8	5.18	1.07	0.54	0.26	365	360
		0.26	0.53	1.02	7.21	21.7	33.7	39.8	43.7	46.0	46.5	45.1	41.6	35.5	22.2	6.65	1.17	0.56	0.27	394	389
		0.26	0.52	1.09	7.81	23.0	34.6	40.5	44.5	46.7	47.2	45.8	42.4	36.8	23.3	6.68	1.14	0.56	0.28	404	399
		0.25	0.50	1.03	7.42	22.4	34.1	40.1	44.1	46.5	47.0	45.4	42.0	36.3	22.5	6.02	1.04	0.55	0.27	398	393
		0.24	0.48	0.89	6.19	20.0	32.0	38.5	43.1	45.5	46.0	44.3	40.3	33.7	19.7	4.88	0.93	0.52	0.26	378	373
		0.22	0.45	0.78	3.91	15.1	28.0	36.0	41.0	43.4	43.8	42.2	37.7	28.9	14.1	3.01	0.81	0.48	0.23	341	336
	-24	0.20	0.41	0.68	1.77	8.32	19.2	30.2	36.1	38.8	39.2	37.3	31.6	19.5	7.15	1.53	0.69	0.42	0.20	274	268
	-32	0.17	0.35	0.58	0.92	2.47	6.83	14.4	20.9	23.1	23.5	22.3	16.1	7.06	2.23	0.89	0.58	0.36	0.17	143	133
	-40	0.13	0.28	0.48	0.72	1.03	1.58	2.17	3.65	4.16	4.49	4.44	2.89	1.70	1.02	0.70	0.47	0.28	0.14	30.3	11.7
	-48	0.10	0.21	0.37	0.57	0.78	0.99	1.13	1.16	1.11	1.14	1.20	1.17	1.00	0.77	0.56	0.36	0.21	0.11	12.9	0.00
	-56	0.08	0.14	0.26	0.41	0.58	0.74	0.82	0.84	0.81	0.81	0.84	0.81	0.73	0.57	0.40	0.25	0.14	0.08	9.30	0.00
	-64	0.06	0.10	0.16	0.26	0.37	0.47	0.52	0.53	0.51	0.51	0.52	0.51	0.46	0.36	0.25	0.16	0.10	0.07	5.90	0.00
	-72																				
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72
Φ t		3.22	6.61	11.9	48.8	154	267	350	405	433	438	418	366	279	154	43.8	12.1	6.76	3.33	3424	
Φ a		0.00	0.00	0.00	36.0	145	258	341	397	425	430	410	357	270	144	29.0	0.00	0.00	0.00		3254

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

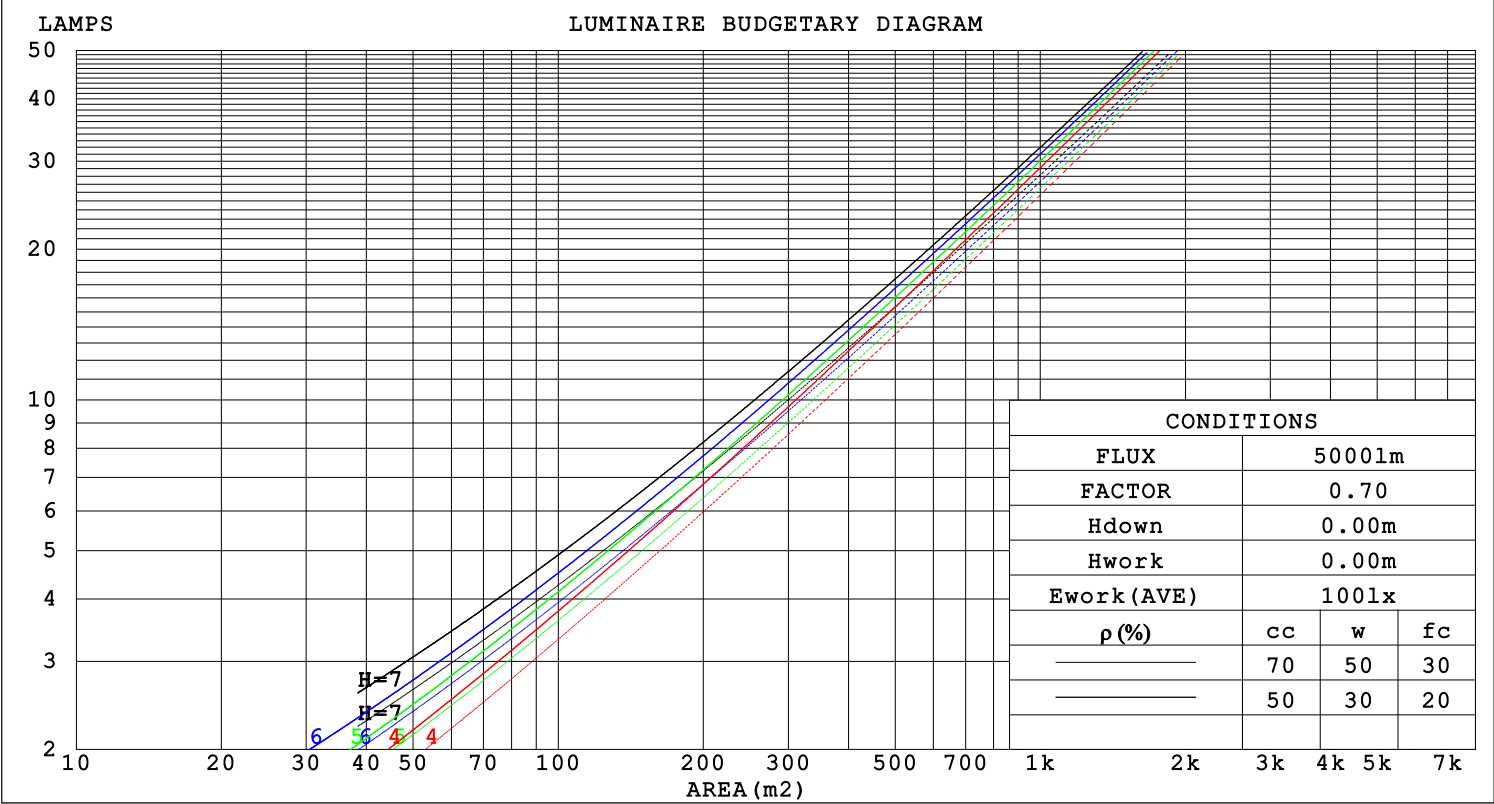
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY					
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019					
NAME: VIRAJ TRAPEZ LENS		TYPE: .5W 4000K CRI90		WEIGHT:	
SPECIFICATION: FULHAM 600 MA		DIMENSION: 1200*59*67 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	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.99	.00	.98	.96	.96	.95	.94	.92
2.0	1.01	.96	.92	.99	.95	.91	.96	.92	.89	.93	.90	.87	.90	.88	.85	.84
3.0	.93	.87	.83	.91	.86	.82	.89	.84	.81	.86	.82	.79	.84	.81	.78	.76
4.0	.86	.79	.75	.84	.79	.74	.82	.77	.73	.80	.76	.72	.78	.74	.71	.70
5.0	.79	.73	.68	.78	.72	.67	.76	.71	.67	.74	.70	.66	.73	.69	.65	.64
6.0	.73	.67	.62	.72	.66	.62	.71	.65	.61	.69	.64	.61	.68	.64	.60	.59
7.0	.68	.61	.57	.67	.61	.56	.66	.60	.56	.65	.60	.56	.64	.59	.55	.54
8.0	.63	.57	.52	.63	.56	.52	.62	.56	.52	.60	.55	.51	.59	.55	.51	.50
9.0	.59	.53	.48	.59	.52	.48	.58	.52	.48	.57	.51	.48	.56	.51	.47	.46
10.0	.55	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.48	.44	.43



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
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Test Distance:7.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: VIRAJ TRAPEZ LENS								TYPE: .5W 4000K CRI90			WEIGHT:			
SPECIFICATION: FULHAM 600 MA								DIMENSION: 1200*59*67 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	.201	.114	.036	.194	.111	.035	.181	.104	.033	.169	.098	.031	.159	.092	.030															
2.0	.193	.106	.032	.187	.103	.032	.177	.098	.030	.167	.093	.029	.157	.089	.028															
3.0	.184	.098	.029	.179	.096	.029	.170	.092	.028	.161	.088	.027	.153	.085	.026															
4.0	.176	.091	.027	.171	.090	.027	.163	.087	.026	.156	.084	.025	.149	.081	.025															
5.0	.167	.085	.025	.164	.084	.024	.156	.081	.024	.150	.079	.024	.144	.077	.023															
6.0	.160	.080	.023	.156	.079	.023	.150	.077	.022	.144	.075	.022	.138	.073	.022															
7.0	.152	.075	.021	.149	.074	.021	.144	.073	.021	.138	.071	.021	.133	.069	.020															
8.0	.145	.071	.020	.143	.070	.020	.138	.069	.020	.133	.067	.019	.128	.066	.019															
9.0	.139	.067	.019	.137	.067	.019	.132	.065	.018	.128	.064	.018	.124	.063	.018															
10.0	.133	.064	.018	.131	.063	.018	.127	.062	.017	.123	.061	.017	.119	.060	.017															

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.148	.114	.086	.127	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.139	.099	.069	.119	.086	.060	.082	.060	.042	.047	.035	.025	.015	.011	.008	
5.0	.131	.088	.057	.112	.076	.049	.077	.053	.035	.045	.031	.021	.014	.010	.007	
6.0	.124	.079	.047	.107	.068	.041	.073	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.118	.072	.040	.101	.062	.034	.070	.044	.024	.041	.026	.015	.013	.008	.005	
8.0	.112	.066	.034	.097	.057	.030	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.107	.061	.029	.092	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.103	.057	.026	.089	.049	.022	.061	.035	.016	.036	.020	.010	.012	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: VIRAJ TRAPEZ LENS					TYPE: .5W 4000K CRI90			WEIGHT:		
SPECIFICATION: FULHAM 600 MA					DIMENSION: 1200*59*67 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	14.6	15.7	14.9	15.9	16.1	14.5	15.6	14.7	15.8	15.9
3H	14.6	15.6	14.8	15.8	16.0	14.4	15.4	14.6	15.6	15.8
4H	14.5	15.4	14.8	15.7	15.9	14.3	15.3	14.6	15.5	15.7
6H	14.5	15.3	14.8	15.6	15.8	14.2	15.1	14.6	15.4	15.6
8H	14.4	15.3	14.8	15.5	15.8	14.2	15.1	14.5	15.3	15.6
12H	14.4	15.2	14.8	15.5	15.8	14.2	15.0	14.5	15.3	15.5
4H 2H	14.4	15.3	14.7	15.6	15.8	14.3	15.2	14.6	15.4	15.7
3H	14.4	15.2	14.7	15.4	15.7	14.2	15.0	14.5	15.3	15.6
4H	14.3	15.1	14.7	15.4	15.7	14.2	14.9	14.5	15.2	15.5
6H	14.3	15.0	14.7	15.3	15.6	14.1	14.8	14.5	15.1	15.4
8H	14.3	14.9	14.7	15.3	15.6	14.1	14.7	14.5	15.0	15.4
12H	14.3	14.9	14.7	15.2	15.6	14.1	14.6	14.5	15.0	15.4
8H 4H	14.2	14.8	14.6	15.2	15.5	14.1	14.7	14.5	15.0	15.4
6H	14.2	14.7	14.6	15.1	15.5	14.0	14.5	14.5	14.9	15.3
8H	14.2	14.6	14.7	15.1	15.5	14.0	14.5	14.5	14.9	15.3
12H	14.3	14.6	14.7	15.1	15.5	14.0	14.4	14.5	14.8	15.3
12H 4H	14.2	14.7	14.6	15.1	15.5	14.0	14.6	14.4	14.9	15.3
6H	14.2	14.6	14.6	15.0	15.5	14.0	14.4	14.5	14.8	15.3
8H	14.2	14.6	14.7	15.0	15.5	14.0	14.4	14.5	14.8	15.3
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / - 6.6					+ 3.4 / - 5.5				
1.5H	+ 5.6 / - 6.8					+ 5.9 / - 5.8				
2.0H	+ 4.2 / - 1.0					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 3424 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	70	81	75	70	81	74	70	66
0.80	90	83	79	90	83	79	88	82	79	74
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	100	96	93	88
2.00	107	102	98	105	101	98	103	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	102	105	103	100	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	111	109	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

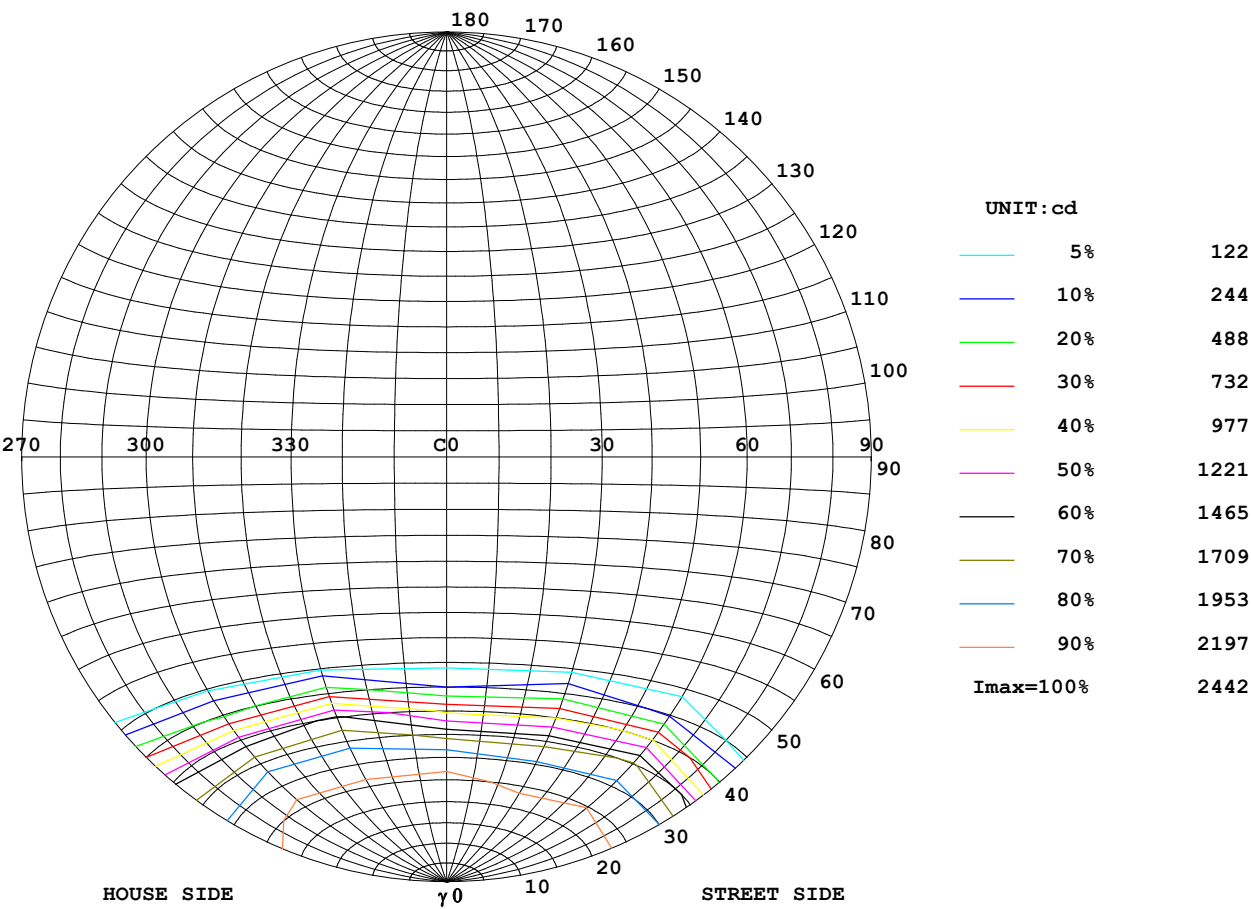
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-21-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

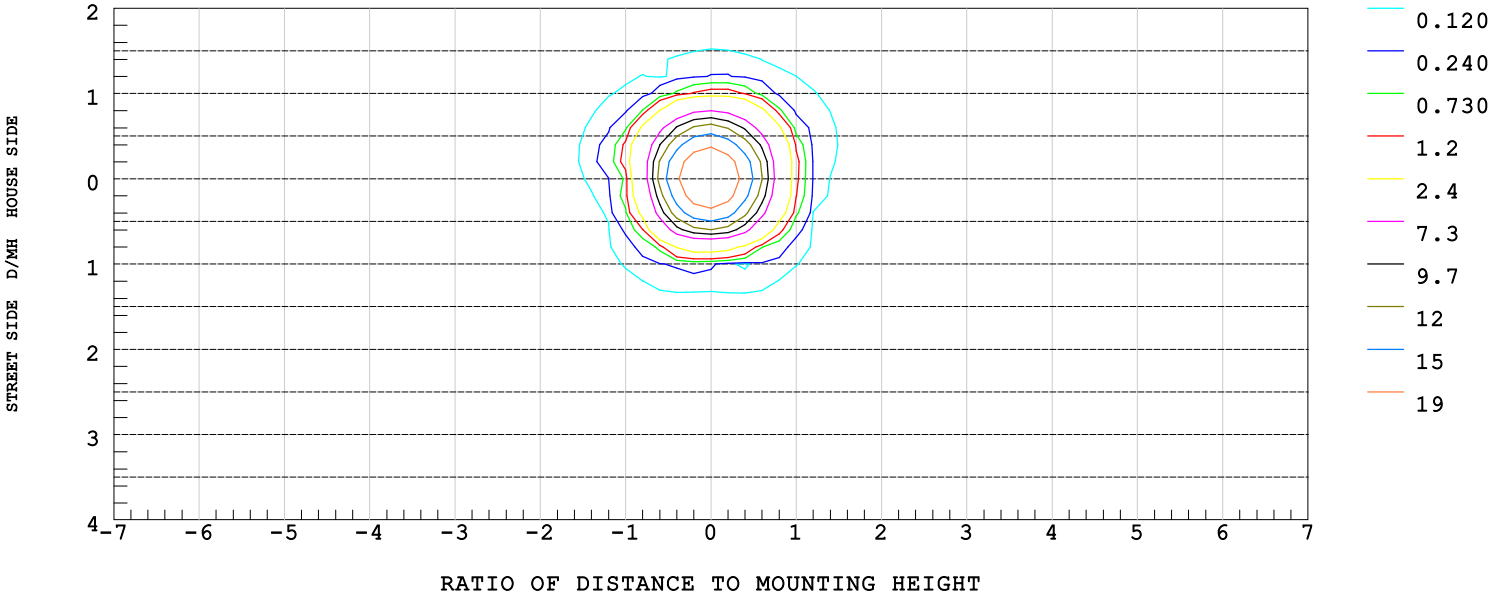
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 24.32 lx



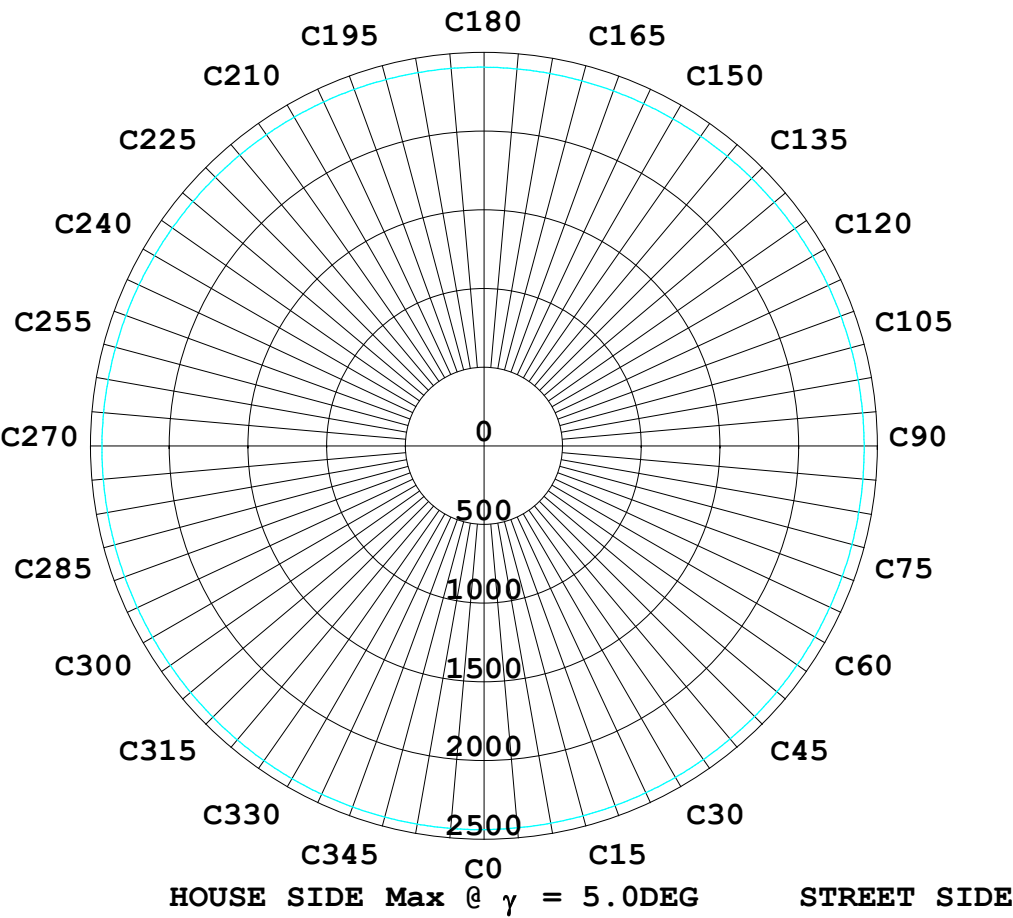
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2432	2431	2432	2431	2428	2431	2432	2431	2432	2431	2428	2431
5.0	2438	2432	2427	2415	2411	2400	2407	2413	2418	2428	2432	2442
10.0	2424	2404	2402	2383	2371	2353	2364	2378	2389	2408	2422	2430
15.0	2385	2355	2358	2335	2320	2280	2299	2322	2337	2377	2385	2401
20.0	2330	2280	2292	2267	2237	2204	2219	2244	2258	2322	2327	2341
25.0	2245	2159	2192	2146	2126	2049	2111	2144	2145	2240	2241	2249
30.0	2116	1994	2028	1963	1951	1880	1969	2012	2000	2120	2100	2123
35.0	1617	1623	1730	1395	1644	1594	1597	1779	1784	1862	1894	1854
40.0	916	964	985	465	852	1030	971	1259	1436	1316	1501	1344
45.0	230	350	209	78.9	127	471	379	683	726	425	622	711
50.0	90.8	82.9	87.0	58.0	80.4	87.2	80.7	130	139	99.7	93.2	188
55.0	68.5	58.7	64.1	47.8	62.6	61.2	62.2	86.9	74.1	74.6	65.3	86.9
60.0	56.9	45.9	51.1	40.5	51.0	47.1	51.4	66.9	56.0	61.1	52.3	65.6
65.0	45.5	36.2	40.4	31.3	41.0	37.0	41.9	53.8	44.1	52.0	43.0	51.2
70.0	31.6	24.1	28.6	20.4	29.4	25.0	29.9	41.8	33.8	41.0	32.9	38.5
75.0	19.7	13.7	18.5	12.3	18.7	14.4	17.5	27.6	21.7	27.2	20.4	24.6
80.0	13.5	8.55	12.6	7.76	12.5	8.83	10.4	16.4	11.7	16.7	10.8	14.9
85.0	10.0	6.13	9.73	4.95	8.66	5.79	6.24	10.2	6.30	10.5	5.73	9.50
90.0	8.94	6.86	9.90	6.24	7.36	6.13	4.66	5.90	3.26	6.01	2.86	5.40

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4000K