

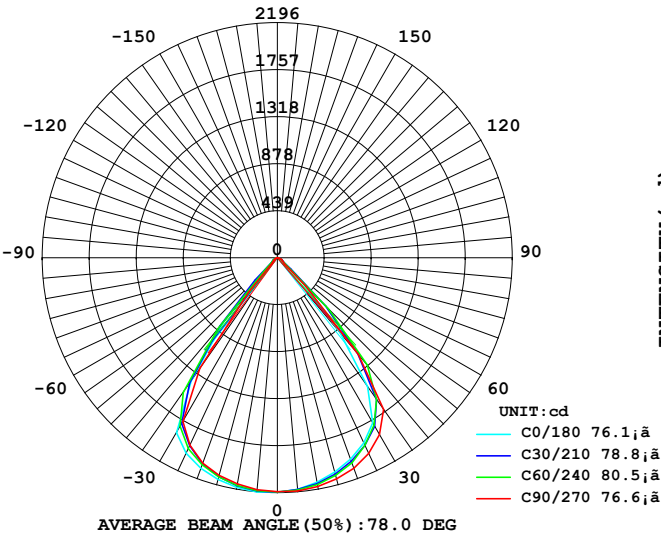
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

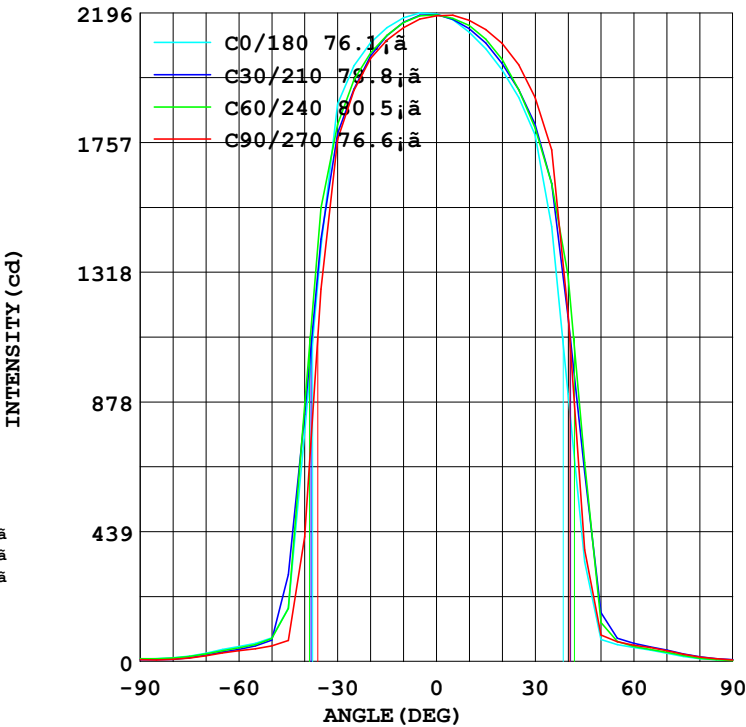
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2196	S/MH (C0/180)	1.09
MODEL	VIRAJ TRAPEZ LENS	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3080.4	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	111.4	Current (A)	0.127
NOMINAL FLUX (lm)	3080.4	η up (%)	0.0	Power (W)	27.65
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.986
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	2928.7	EEI	0.129

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:7.100 m
Remarks: 3000K

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 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

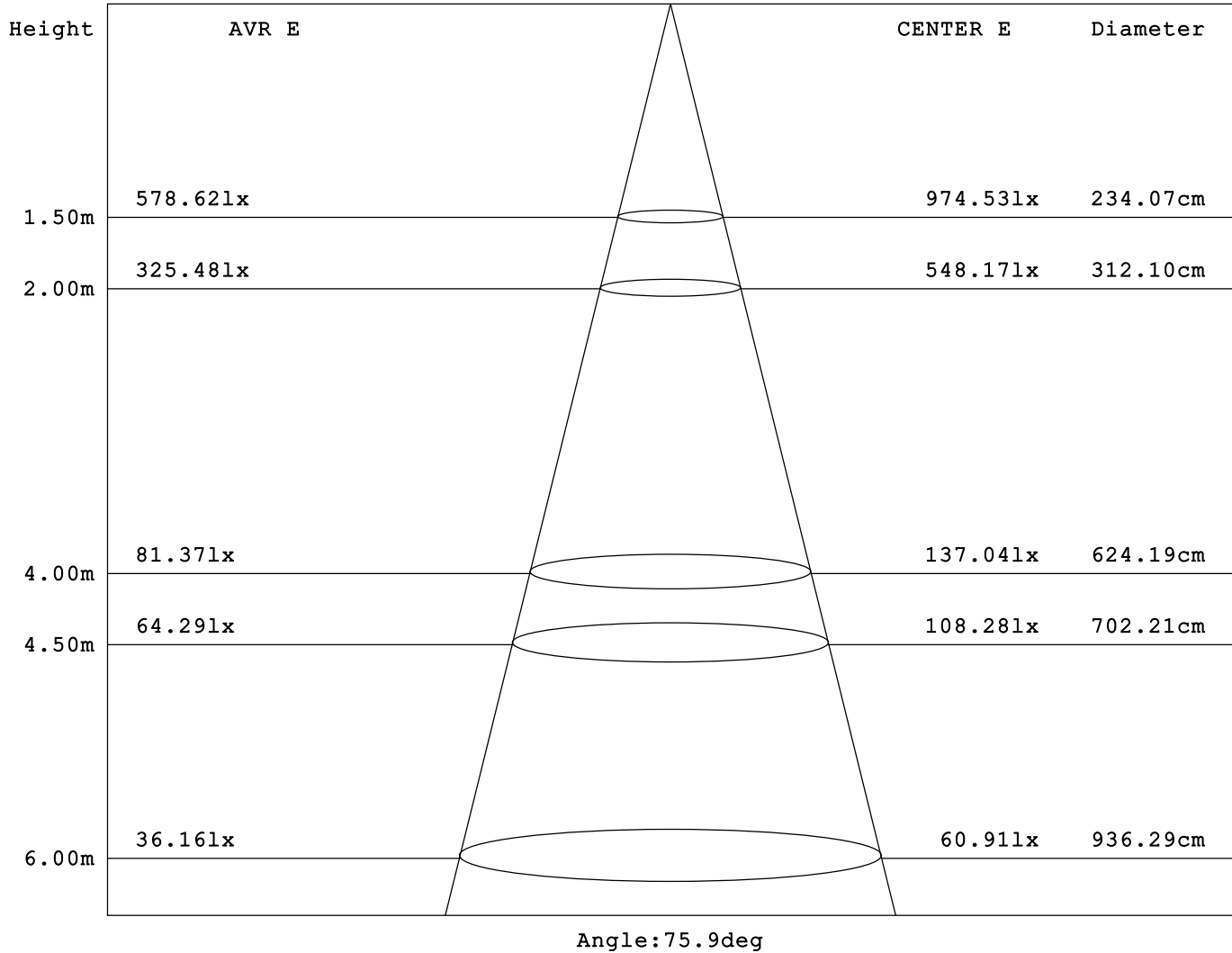
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.100 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 TRAPEZ LENS	TYPE: .5W 3000K 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:7.100 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K 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	2180	2164	2146	2130	2131	2148	2171	2182	0- 10	207.3	207.3
20.0	2094	2055	2042	1998	2003	2031	2092	2098	10- 20	596.2	803.6
30.0	1888	1803	1768	1732	1783	1813	1909	1892	20- 30	897.5	1701
40.0	776.4	851.5	422.5	873.9	906.6	1237	1180	1249	30- 40	911.2	2612
50.0	80.00	75.08	52.27	77.10	74.35	148.5	89.42	101.3	40- 50	343.3	2956
60.0	50.71	43.30	36.44	44.58	46.83	55.87	54.89	52.40	50- 60	58.43	3014
70.0	27.57	23.31	18.50	24.97	27.67	34.37	36.64	31.38	60- 70	38.18	3052
80.0	11.94	9.451	6.956	9.829	9.678	12.95	15.02	11.34	70- 80	19.68	3072
90.0	8.116	7.763	5.696	6.049	4.335	4.234	5.393	3.604	80- 90	8.345	3080
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:7.100 m
Remarks: 3000K

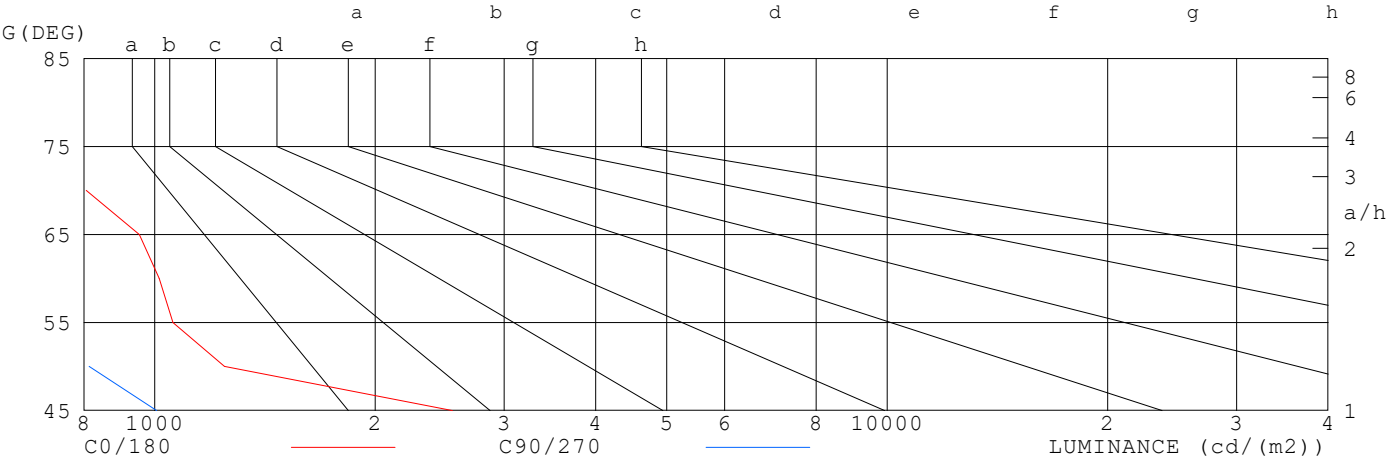
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1018	521
80	688	401
75	670	428
70	806	541
65	953	670
60	1014	729
55	1059	751
50	1245	813
45	2549	1006

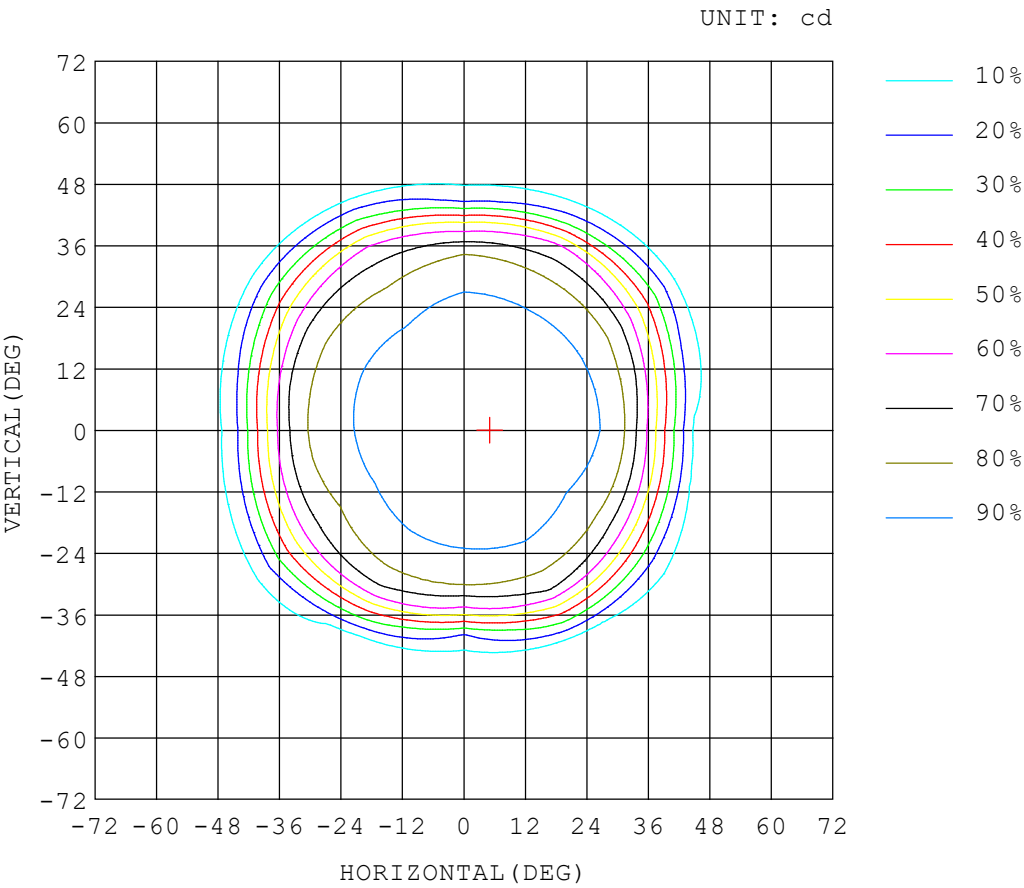
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.100 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:



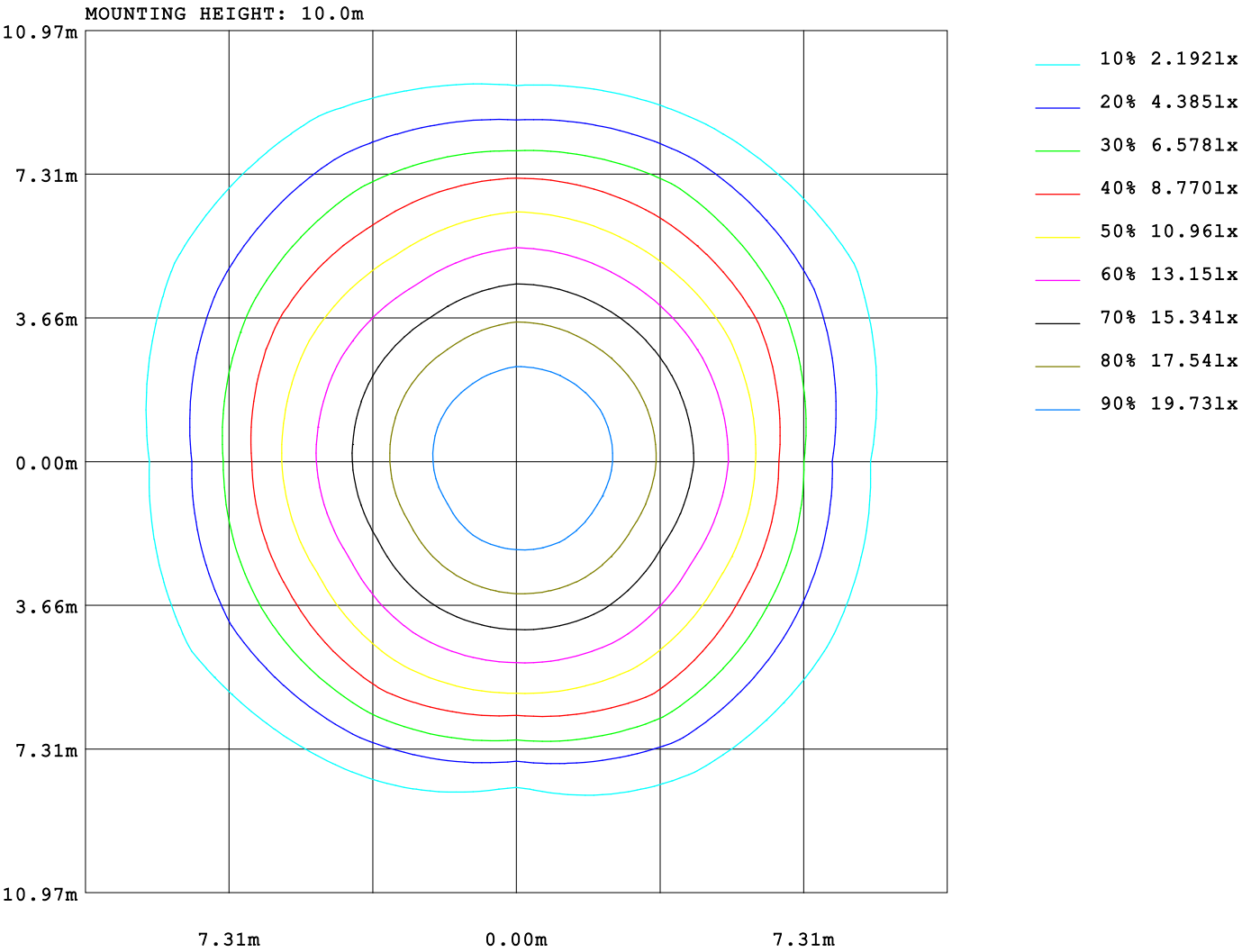
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.100 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K 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:7.100 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: VIRAJ TRAPEZ LENS										TYPE: .5W 3000K 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	0.08	0.16	0.25	0.34	0.43	0.51	0.61	0.70	0.77	0.76	0.69	0.59	0.48	0.39	0.30	0.22	0.14	0.08	7.52	0.00	
	64	0.11	0.23	0.38	0.52	0.64	0.75	0.88	0.99	1.06	1.05	0.96	0.83	0.70	0.61	0.48	0.34	0.20	0.10	10.8	0.00	
	56	0.14	0.30	0.51	0.69	0.88	1.09	1.41	1.70	1.87	1.76	1.44	1.15	0.96	0.82	0.65	0.46	0.27	0.13	16.2	0.00	
	48	0.17	0.37	0.62	0.89	1.40	3.21	7.30	10.7	11.9	11.6	9.74	5.87	2.42	1.16	0.84	0.58	0.34	0.16	69.3	57.8	
	40	0.20	0.42	0.71	1.33	4.42	12.6	21.6	27.1	30.1	30.4	27.7	21.5	11.5	3.66	1.15	0.69	0.40	0.19	196	189	
	32	0.22	0.45	0.81	2.68	11.2	22.3	30.0	34.3	37.1	37.6	35.5	31.2	22.6	10.6	2.24	0.79	0.45	0.21	281	275	
	24	0.23	0.47	0.94	4.93	16.7	28.1	33.9	37.5	40.0	40.4	38.8	35.4	28.9	16.3	4.22	0.88	0.48	0.23	329	324	
		0.24	0.48	1.01	6.70	20.0	30.5	35.9	39.4	41.5	41.9	40.5	37.4	31.7	19.4	5.55	0.95	0.50	0.24	354	350	
		0.24	0.47	1.03	7.18	21.1	31.3	36.5	40.1	42.1	42.5	41.2	38.1	32.9	20.3	5.56	0.97	0.50	0.24	363	359	
		0.23	0.46	0.95	6.83	20.6	30.9	36.2	39.8	41.9	42.3	40.9	37.8	32.4	19.6	5.01	0.91	0.49	0.24	358	353	
		0.22	0.44	0.82	5.75	18.5	29.0	34.8	38.8	41.0	41.4	39.8	36.2	30.1	17.1	4.08	0.82	0.46	0.23	340	335	
	-24	0.21	0.41	0.72	3.68	14.1	25.5	32.6	37.0	39.1	39.4	37.9	33.8	25.6	12.2	2.53	0.71	0.42	0.20	307	302	
	-32	0.18	0.37	0.62	1.67	7.90	17.7	27.3	32.6	35.0	35.2	33.5	28.1	17.1	6.12	1.32	0.61	0.37	0.18	246	241	
	-40	0.15	0.32	0.53	0.85	2.33	6.38	13.2	18.9	20.9	21.1	19.8	14.2	6.10	1.91	0.79	0.51	0.32	0.15	129	120	
	-48	0.12	0.26	0.44	0.66	0.94	1.45	1.96	3.32	3.78	4.02	3.90	2.51	1.49	0.91	0.63	0.42	0.25	0.12	27.2	10.5	
	-56	0.09	0.19	0.34	0.52	0.71	0.90	1.02	1.05	1.00	1.02	1.08	1.04	0.90	0.69	0.50	0.32	0.18	0.09	11.6	0.00	
	-64	0.07	0.13	0.24	0.38	0.53	0.67	0.74	0.75	0.73	0.73	0.75	0.73	0.65	0.51	0.35	0.22	0.12	0.07	8.37	0.00	
	-72	0.05	0.09	0.15	0.23	0.34	0.43	0.47	0.48	0.46	0.46	0.47	0.46	0.41	0.32	0.22	0.14	0.09	0.06	5.31	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)					16	24	32	40	48	56	64	72	
Φ t	2.97	6.04	11.0	45.8	143	244	317	366	391	394	375	327	247	133	36.4	10.5	5.97	2.92	3080			
Φ a	0.00	0.00	0.00	34.5	135	235	309	359	384	387	368	320	239	124	22.8	0.00	0.00	0.00		2929		

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

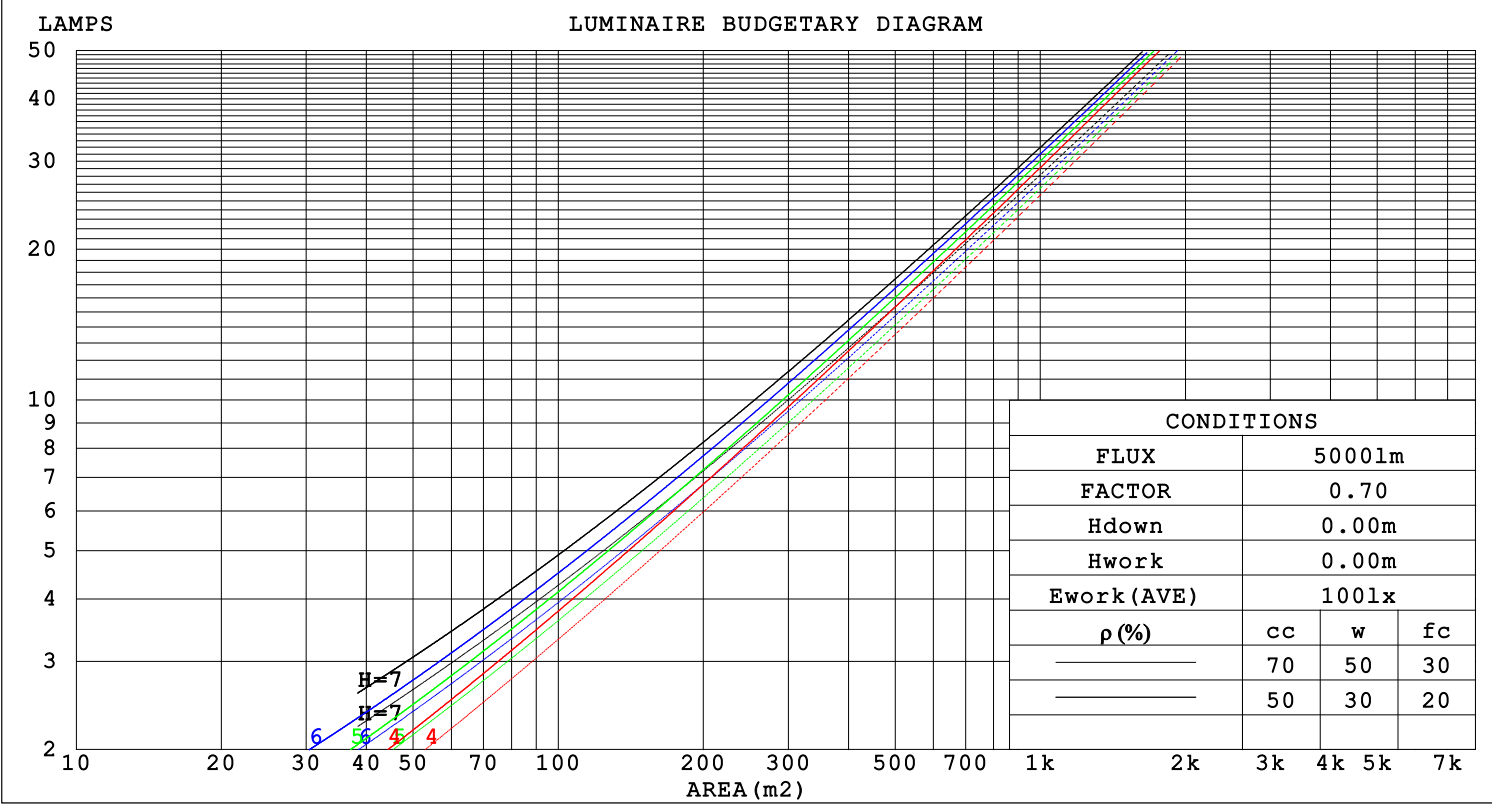
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.100 m
Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: VIRAJ TRAPEZ LENS								TYPE: .5W 3000K 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	.86	.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	.66	.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	.61	.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	.45	.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)
Humidity:65.0%
Test Distance:7.100 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: VIRAJ TRAPEZ LENS								TYPE: .5W 3000K 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	.026	.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	.159	.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	.106	.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:7.100 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: VIRAJ TRAPEZ LENS					TYPE: .5W 3000K 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	14.0	15.1	14.2	15.3	15.5	14.0	15.1	14.3	15.3	15.5
	3H	13.9	14.9	14.2	15.1	15.4	13.9	14.9	14.2	15.1	15.3
	4H	13.9	14.8	14.2	15.1	15.3	13.9	14.8	14.2	15.0	15.3
	6H	13.9	14.7	14.2	15.0	15.2	13.8	14.7	14.1	14.9	15.2
	8H	13.8	14.7	14.2	14.9	15.2	13.8	14.6	14.1	14.9	15.1
	12H	13.8	14.6	14.2	14.9	15.2	13.7	14.5	14.1	14.8	15.1
4H	2H	13.8	14.7	14.1	15.0	15.2	13.8	14.8	14.1	15.0	15.2
	3H	13.8	14.6	14.1	14.8	15.1	13.8	14.6	14.1	14.8	15.1
	4H	13.7	14.5	14.1	14.8	15.1	13.7	14.4	14.1	14.8	15.1
	6H	13.7	14.4	14.1	14.7	15.0	13.7	14.3	14.1	14.6	15.0
	8H	13.7	14.3	14.1	14.6	15.0	13.6	14.2	14.0	14.6	15.0
	12H	13.7	14.3	14.1	14.6	15.0	13.6	14.2	14.0	14.5	14.9
8H	4H	13.6	14.2	14.0	14.6	14.9	13.6	14.2	14.0	14.6	14.9
	6H	13.6	14.1	14.0	14.5	14.9	13.6	14.1	14.0	14.5	14.9
	8H	13.6	14.0	14.1	14.5	14.9	13.6	14.0	14.0	14.4	14.9
	12H	13.7	14.0	14.1	14.5	15.0	13.6	14.0	14.1	14.4	14.9
12H	4H	13.6	14.1	14.0	14.5	14.9	13.6	14.1	14.0	14.5	14.9
	6H	13.6	14.0	14.0	14.4	14.9	13.6	14.0	14.0	14.4	14.8
	8H	13.6	14.0	14.1	14.4	14.9	13.6	13.9	14.0	14.4	14.8
Variations with the observer position at spacings:											
S = 1.0H		+ 3.0 / - 6.5					+ 3.3 / - 5.5				
1.5H		+ 5.6 / - 6.6					+ 5.9 / - 5.8				
2.0H		+ 3.5 / - 0.9					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 3080 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

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:7.100 m
 Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K 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	82	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		

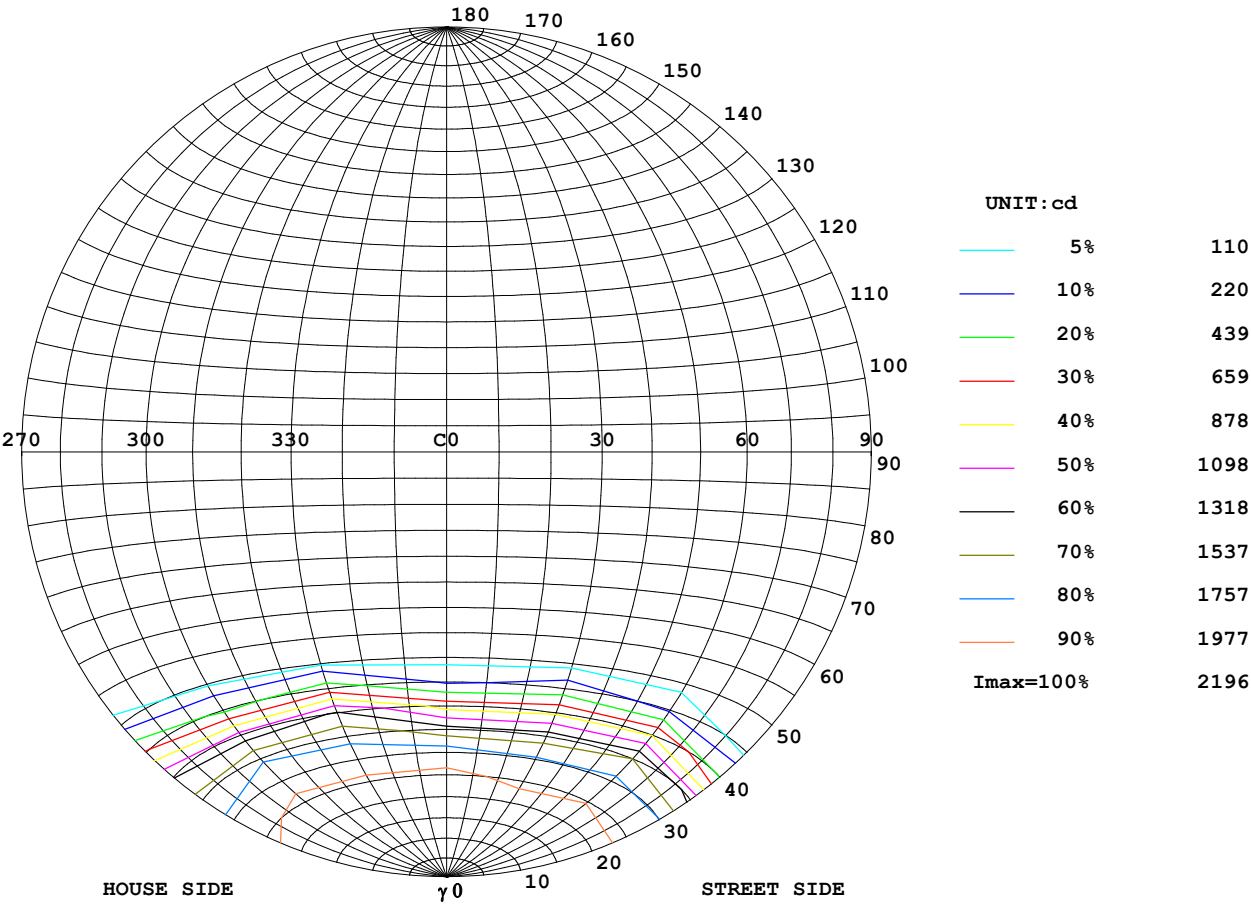
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-21-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.100 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K 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:7.100 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*59*67 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 21.93 lx



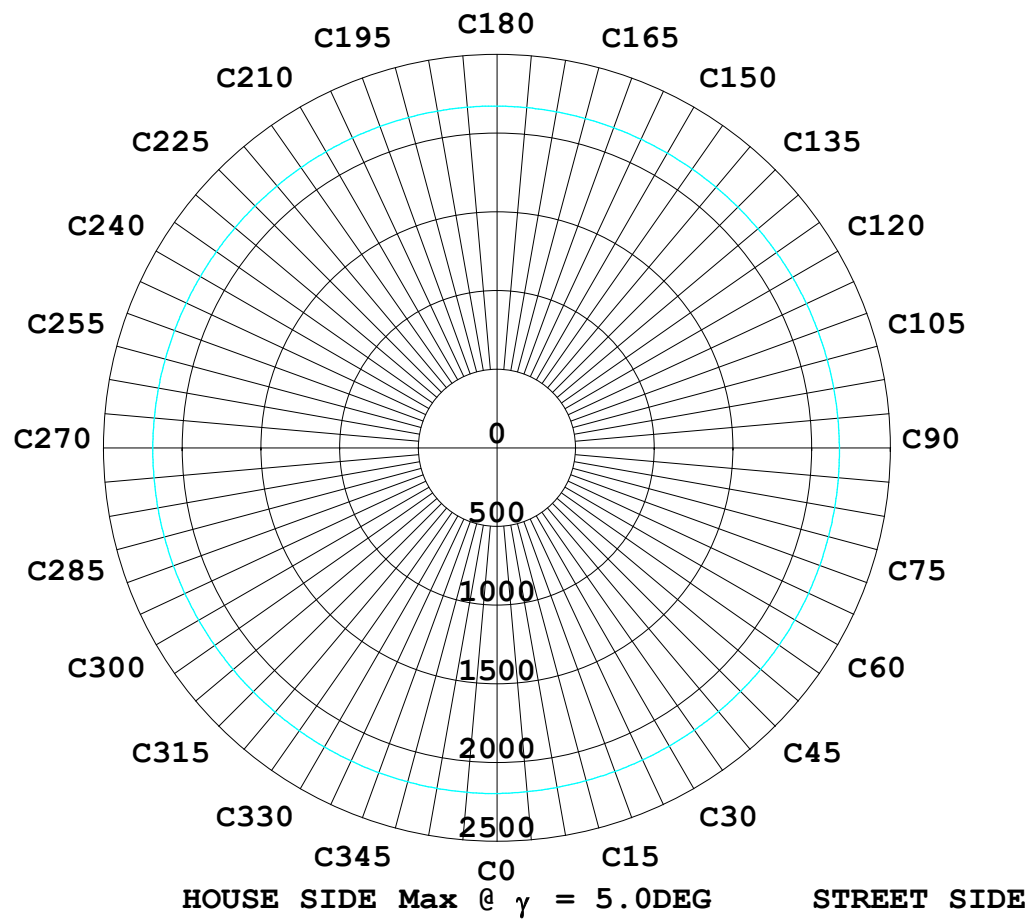
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.100 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: VIRAJ TRAPEZ LENS	TYPE: .5W 3000K 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:7.100 m
Remarks: 3000K

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 3000K 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	2193	2191	2190	2186	2187	2186	2193	2191	2190	2186	2187	2186
5.0	2196	2188	2186	2175	2169	2163	2172	2174	2178	2188	2189	2194
10.0	2180	2165	2163	2146	2140	2119	2131	2143	2154	2171	2179	2186
15.0	2146	2119	2120	2104	2085	2056	2074	2094	2106	2140	2148	2158
20.0	2094	2051	2060	2042	2016	1980	2003	2025	2038	2092	2092	2103
25.0	2016	1938	1969	1933	1919	1851	1910	1936	1935	2020	2014	2017
30.0	1888	1788	1818	1768	1763	1701	1783	1819	1807	1909	1884	1900
35.0	1404	1430	1536	1261	1481	1457	1472	1618	1617	1732	1698	1656
40.0	776	837	866	423	784	964	907	1167	1307	1180	1332	1165
45.0	180	294	180	71.1	114	455	337	641	673	378	539	605
50.0	80.0	72.5	77.5	52.2	72.7	81.4	74.3	165	132	89.4	82.7	120
55.0	60.7	52.0	57.3	43.0	56.5	56.1	56.8	79.0	67.4	66.8	58.3	76.0
60.0	50.7	40.8	45.7	36.4	46.1	43.0	46.8	61.0	50.7	54.8	46.7	58.0
65.0	40.2	32.0	35.9	28.3	37.2	33.7	38.4	48.9	40.1	46.7	38.4	45.4
70.0	27.5	21.2	25.4	18.5	26.8	23.1	27.6	37.9	30.8	36.6	29.2	33.5
75.0	17.3	11.9	16.3	11.0	17.0	13.4	16.3	25.5	19.9	24.4	17.9	21.5
80.0	11.9	7.56	11.3	6.95	11.4	8.21	9.67	15.1	10.7	15.0	9.57	13.1
85.0	8.87	5.49	8.67	4.53	7.91	5.29	5.84	9.57	5.79	9.47	5.09	8.31
90.0	8.11	6.40	9.12	5.69	6.65	5.44	4.33	5.44	3.02	5.39	2.47	4.73

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:7.100 m
Remarks: 3000K