

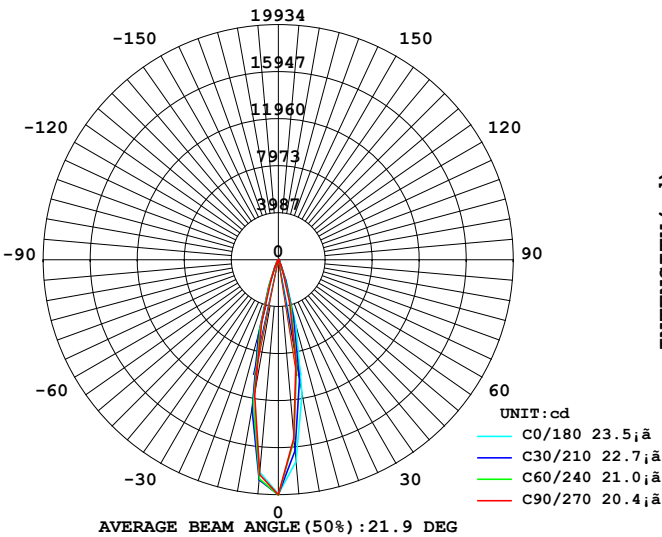
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

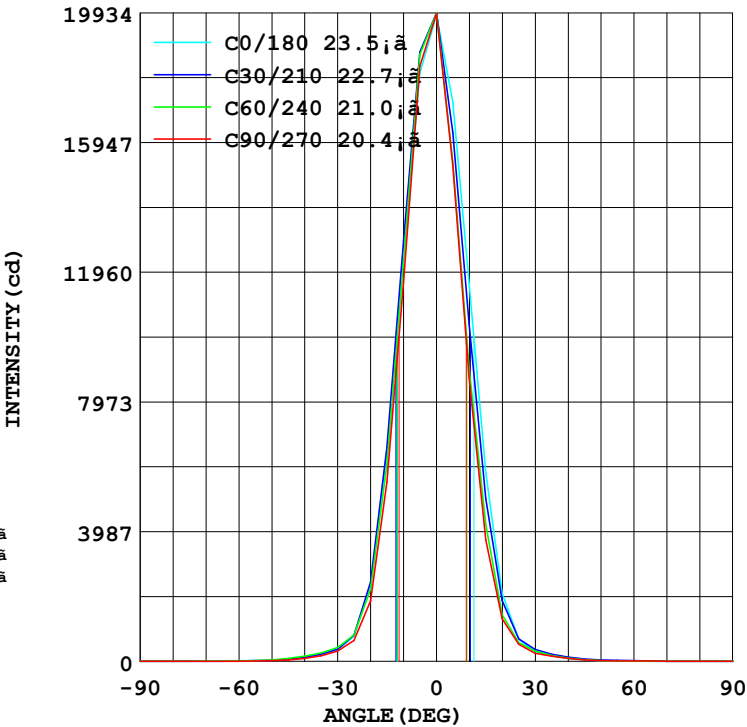
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	19934	S/MH (C0/180)	0.40
MODEL	VIRAJ 45 LENS	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.38
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3690.7	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	122.7	Current (A)	0.138
NOMINAL FLUX (lm)	3690.8	η up (%)	0.0	Power (W)	30.07
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.988
TEST VOLTAGE (V)	219.4	Effictive Flux (lm)	3045.8	EEI	0.134

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:9.300 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

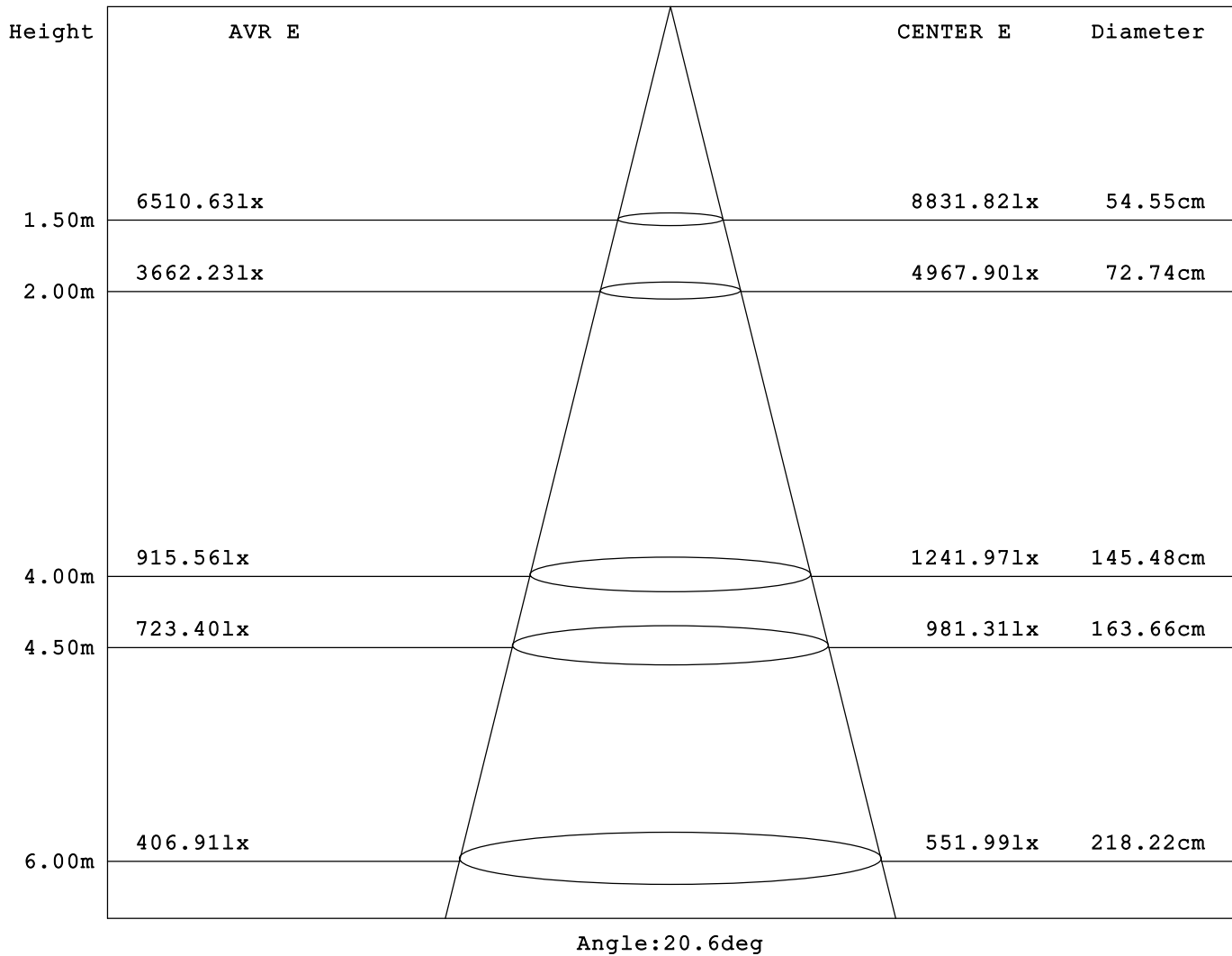
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
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SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



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 Temperature: 25.3DEG
 Operators:
 Test Date: 03-12-2025

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 45 LENS 15°

TYPE: .5W 4000K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*46*70 MM

SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1250	1261	1167	1178	1161	968.0	870.4	1046	0- 10	1456	1456
20.0	229.7	233.3	186.5	213.5	210.0	165.7	130.9	184.8	10- 20	1590	3046
30.0	35.33	40.45	32.26	39.49	30.12	34.26	25.47	35.46	20- 30	412.3	3458
40.0	11.78	14.29	9.790	13.48	9.219	11.61	8.917	12.13	30- 40	136.4	3595
50.0	3.788	3.991	1.997	4.043	2.681	3.338	2.508	3.312	40- 50	53.31	3648
60.0	2.041	1.773	0.727	1.755	1.262	1.504	1.280	1.496	50- 60	20.68	3669
70.0	1.072	0.739	0.363	0.696	0.519	0.627	0.848	0.618	60- 70	9.951	3678
80.0	0.925	0.571	0.294	0.528	0.528	0.506	0.692	0.493	70- 80	6.486	3685
90.0	0.761	0.571	0.389	0.536	0.571	0.454	0.562	0.450	80- 90	5.803	3691
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: μ A10cd									UNIT:lm	

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

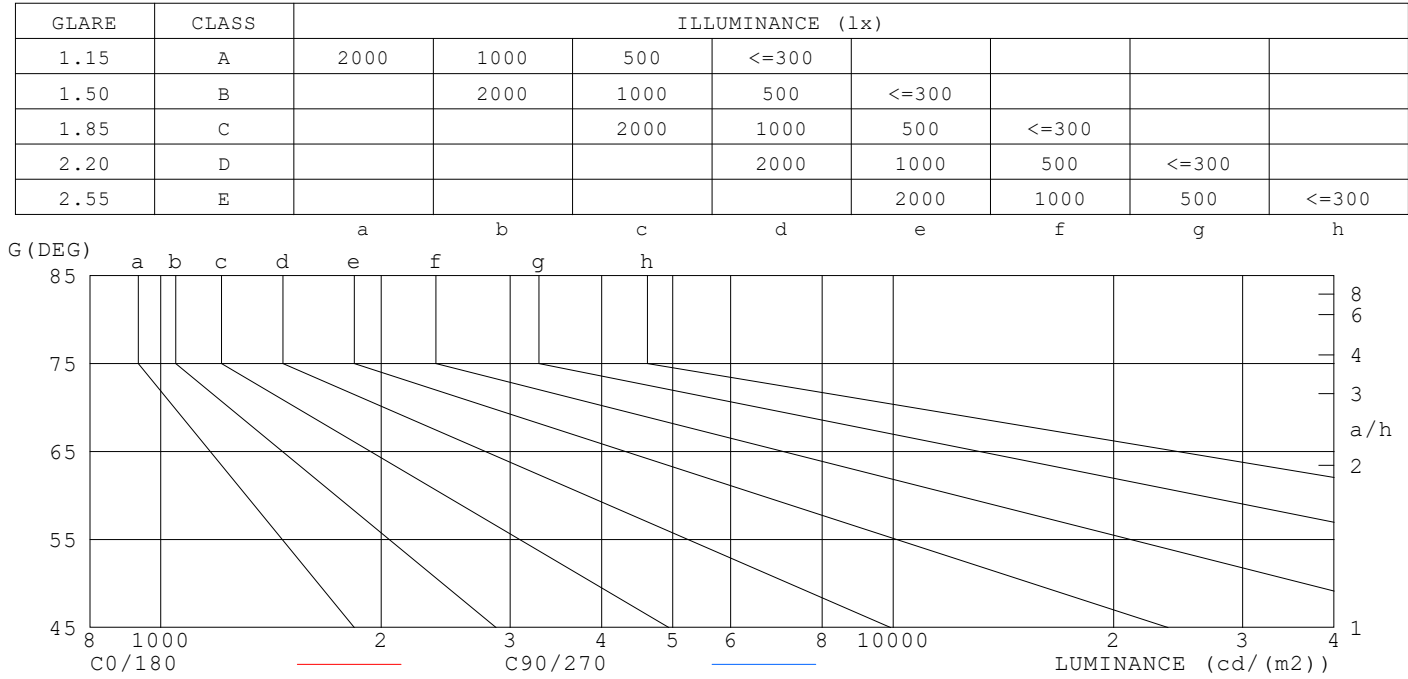
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
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NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	963	357
80	533	169
75	408	124
70	314	106
65	299	119
60	408	145
55	495	173
50	589	311
45	844	582

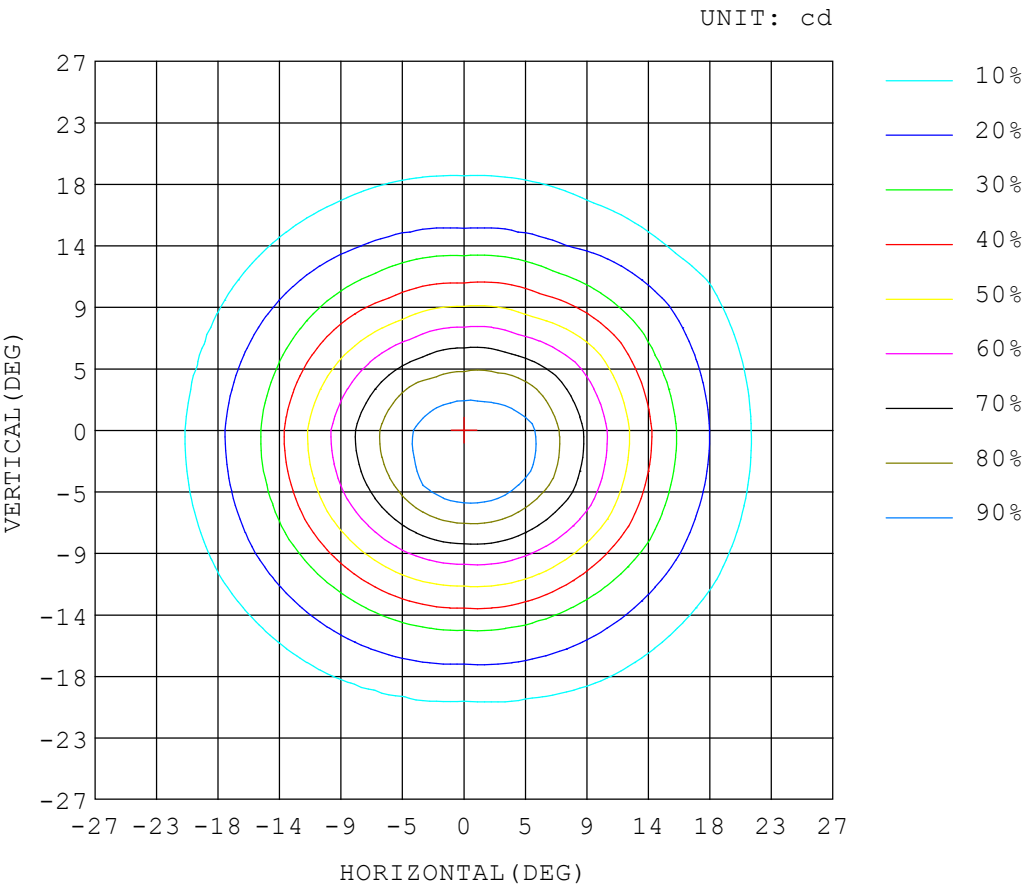
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Temperature:25.3DEG
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Test Date:03-12-2025

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Humidity:65.0%
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



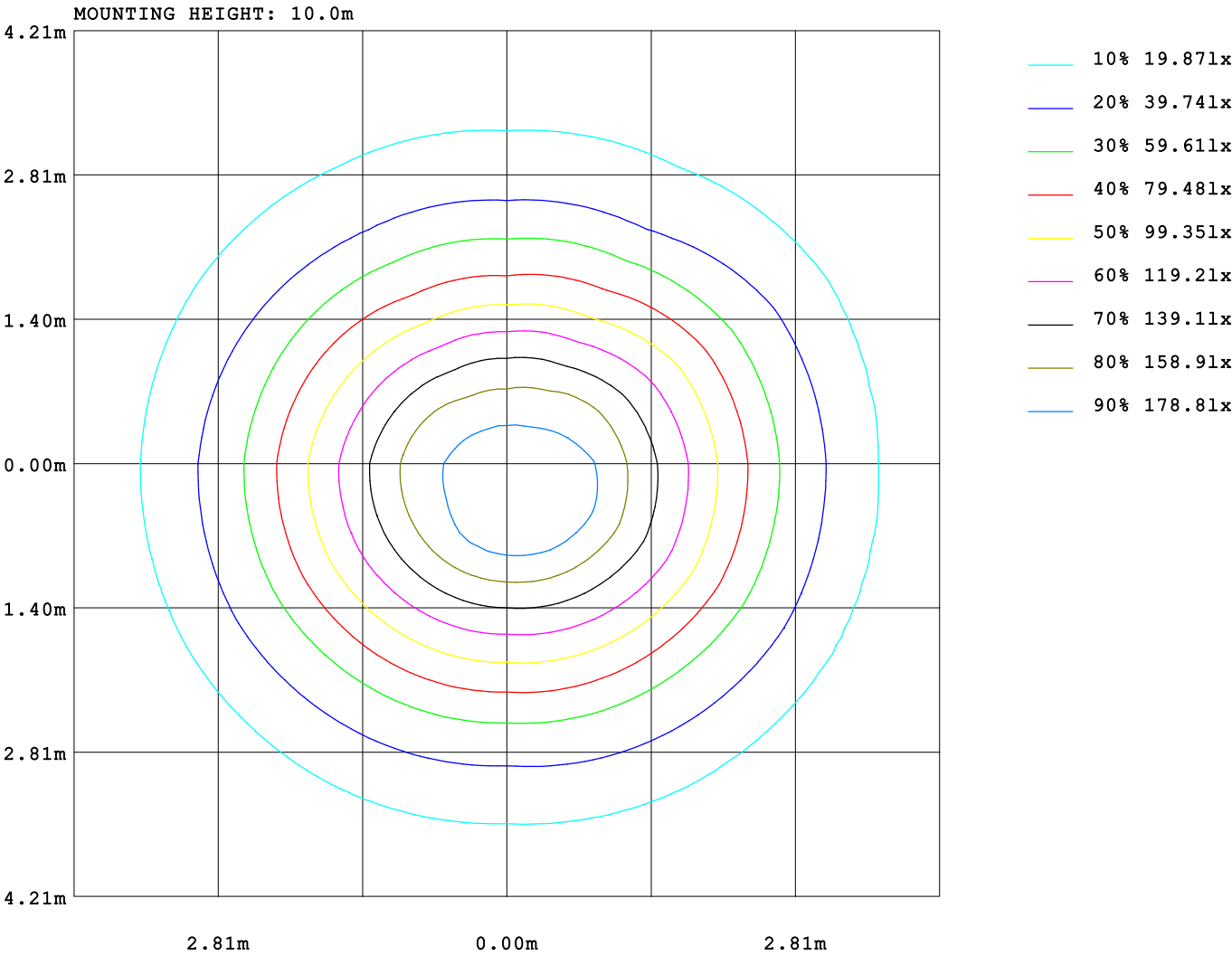
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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:9.300 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 45 LENS 15°

TYPE: .5W 4000K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*46*70 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.49	0.61	0.74	0.87	1.02	1.17	1.28	1.36	1.41	1.40	1.34	1.25	1.13	0.98	0.84	0.74	0.63	0.52	17.8	0.00		
27																						
24	0.63	0.78	0.97	1.20	1.41	1.72	2.11	2.40	2.51	2.51	2.40	2.10	1.69	1.38	1.22	1.00	0.82	0.68	27.5	0.00		
21	0.77	0.99	1.30	1.64	2.29	2.92	3.48	4.06	4.39	4.40	4.08	3.51	2.94	2.37	1.74	1.40	1.07	0.84	44.2	3.72		
18	0.93	1.28	1.72	2.66	3.62	4.91	6.65	7.87	8.30	8.30	7.89	6.69	5.07	3.92	2.95	1.93	1.45	1.03	77.2	48.8		
15	1.11	1.58	2.59	3.93	6.03	8.75	10.9	13.1	14.2	14.3	13.2	11.0	9.23	6.68	4.51	3.02	1.84	1.27	128	106		
12	1.29	2.02	3.61	5.81	9.47	13.1	17.4	20.6	22.4	22.7	21.2	18.3	14.3	10.7	6.80	4.25	2.36	1.49	198	182		
9	1.43	2.60	4.53	8.29	12.8	19.0	24.6	29.1	32.3	32.7	30.4	26.6	21.1	14.7	9.56	5.25	3.01	1.66	280	266		
	1.55	3.13	5.56	10.4	16.5	24.4	31.9	38.4	42.1	42.8	40.3	34.6	27.0	18.5	11.8	6.29	3.56	1.80	361	348		
	1.65	3.44	6.37	11.8	19.2	28.4	37.4	45.3	49.5	50.1	47.5	39.9	30.8	21.2	13.2	7.06	3.85	1.91	419	407		
	1.67	3.50	6.51	12.2	19.8	29.4	38.8	47.2	51.7	52.9	49.9	41.5	31.8	21.7	13.5	7.16	3.88	1.90	436	423		
	1.59	3.28	5.93	11.3	18.2	27.1	35.8	43.9	49.1	50.1	46.3	38.7	29.6	20.0	12.5	6.54	3.63	1.79	406	394		
-9	1.49	2.79	5.02	9.49	15.2	22.6	30.0	36.2	40.2	40.8	37.8	32.1	24.6	16.7	10.4	5.55	3.08	1.64	336	323		
-12	1.35	2.18	4.10	6.91	11.6	16.6	22.5	27.2	29.9	30.3	28.3	23.8	17.9	12.7	7.64	4.53	2.38	1.45	252	236		
-15	1.16	1.71	2.99	4.81	7.71	11.5	14.9	18.0	19.9	20.1	18.6	15.7	12.3	8.38	5.28	3.26	1.82	1.21	170	153		
-18	0.96	1.41	1.99	3.31	4.79	6.80	9.33	11.1	12.0	12.1	11.5	9.80	7.28	5.19	3.58	2.12	1.47	0.98	106	83.4		
-21	0.81	1.09	1.52	2.04	3.05	4.13	4.96	5.80	6.30	6.37	5.98	5.21	4.39	3.26	2.16	1.60	1.12	0.82	60.6	20.8		
-24	0.68	0.88	1.14	1.50	1.86	2.34	2.89	3.31	3.46	3.49	3.40	3.01	2.45	1.95	1.57	1.18	0.90	0.69	36.7	0.00		
-27	0.55	0.71	0.89	1.09	1.34	1.54	1.66	1.74	1.78	1.79	1.77	1.71	1.59	1.40	1.13	0.92	0.73	0.56	22.9	0.00		
	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)													
									6	9	12	15	18	21	24	27						
Φ t	20.1	34.0	57.5	99.5	156	227	297	357	392	398	373	316	246	172	111	63.8	37.6	22.2	3691			
Φ a	0.00	0.00	21.1	76.1	137	210	281	342	379	384	358	300	230	154	88.8	34.9	0.00	0.00			3046	

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

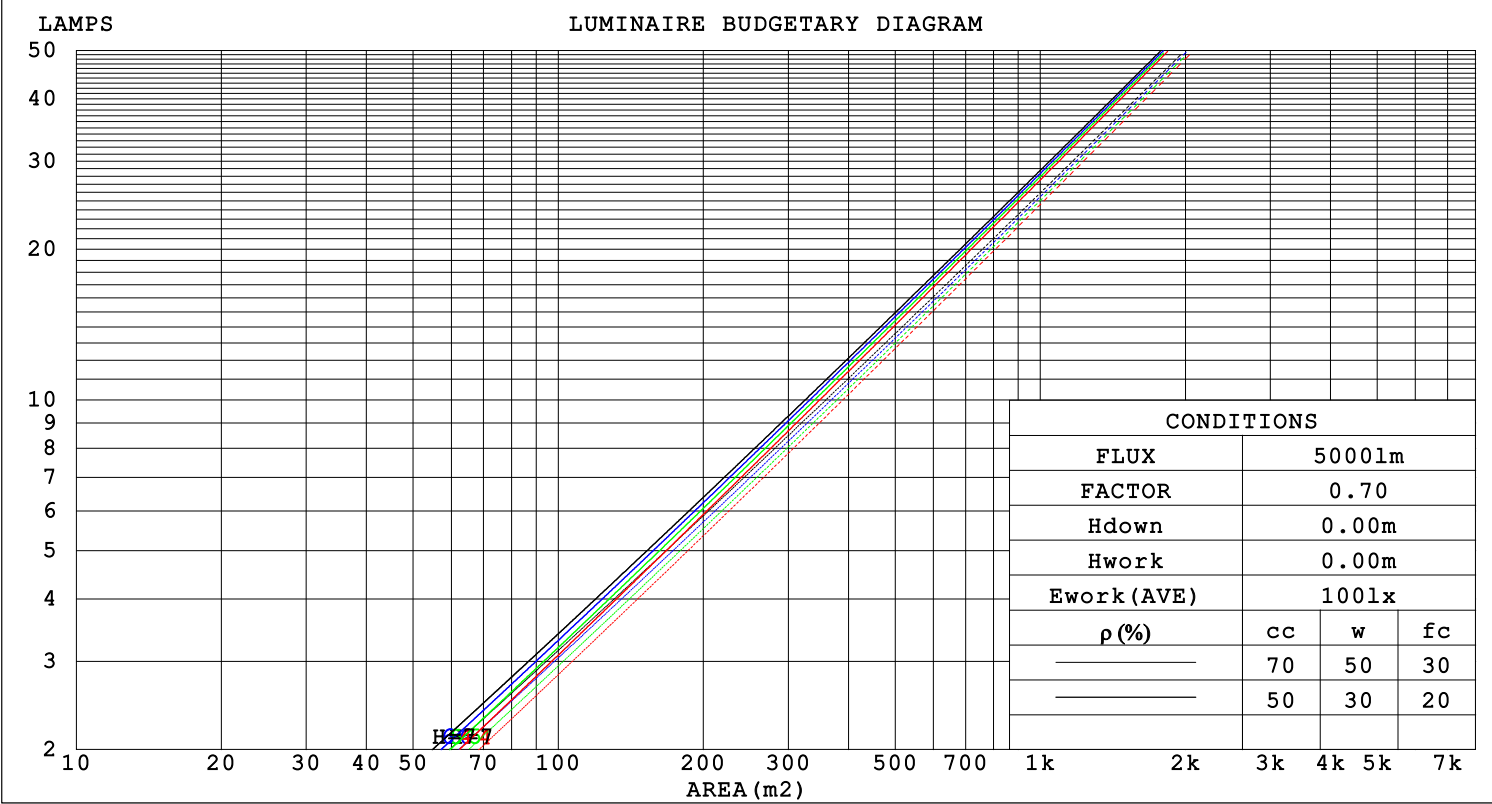
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.300 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019															
NAME: VIRAJ 45 LENS 15°								TYPE: .5W 4000K CRI90				WEIGHT:			
SPECIFICATION: FULHAM 600 MA								DIMENSION: 1200*46*70 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	1.13	1.11	1.09	1.11	1.09	1.08	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	1.00	.98	.97	.97	.96	.95	.93
3.0	1.03	.00	.97	1.02	.99	.96	.99	.97	.95	.97	.95	.93	.95	.93	.92	.90
4.0	.99	.95	.92	.98	.95	.92	.96	.93	.91	.94	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.88	.92	.89	.87	.91	.88	.86	.85
6.0	.93	.89	.86	.92	.88	.85	.91	.87	.85	.90	.87	.84	.88	.86	.84	.83
7.0	.90	.86	.83	.89	.86	.83	.88	.85	.82	.87	.84	.82	.86	.84	.82	.81
8.0	.87	.83	.81	.87	.83	.80	.86	.83	.80	.85	.82	.80	.84	.82	.80	.79
9.0	.85	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.78	.82	.80	.78	.77
10.0	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.76	.81	.78	.76	.75



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
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Test Distance:9.300 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

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

NAME: VIRAJ 45 LENS 15°

TYPE: .5W 4000K CRI90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*46*70 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	.137	.078	.025	.130	.074	.024	.118	.068	.022	.107	.062	.020	.096	.056	.018	
2.0	.126	.069	.021	.121	.067	.021	.111	.062	.019	.101	.057	.018	.093	.052	.016	
3.0	.117	.062	.019	.113	.060	.018	.104	.056	.017	.096	.053	.016	.089	.049	.015	
4.0	.109	.057	.017	.106	.055	.016	.098	.052	.016	.092	.049	.015	.086	.047	.014	
5.0	.103	.052	.015	.099	.051	.015	.093	.049	.014	.088	.046	.014	.082	.044	.013	
6.0	.097	.049	.014	.094	.048	.014	.089	.046	.013	.084	.044	.013	.079	.042	.012	
7.0	.092	.045	.013	.089	.045	.013	.085	.043	.012	.081	.041	.012	.077	.040	.012	
8.0	.087	.043	.012	.085	.042	.012	.081	.041	.012	.077	.039	.011	.074	.038	.011	
9.0	.083	.040	.011	.081	.040	.011	.078	.039	.011	.075	.037	.011	.071	.036	.010	
10.0	.080	.038	.011	.078	.038	.011	.075	.037	.010	.072	.036	.010	.069	.035	.010	

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	.168	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.075	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.053	.037	.026	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.071	.048	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.032	.067	.043	.028	.046	.031	.020	.027	.018	.012	.009	.006	.004	

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%
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 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019											
NAME: VIRAJ 45 LENS 15°					TYPE: .5W 4000K CRI90			WEIGHT:			
SPECIFICATION: FULHAM 600 MA					DIMENSION: 1200*46*70 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	2.0	2.6	2.2	2.8	2.9	2.0	2.7	2.2	2.8	2.9	
	3H	2.1	2.7	2.4	2.9	3.1	2.0	2.6	2.3	2.8	3.0
	4H	2.4	3.0	2.7	3.2	3.4	2.1	2.6	2.3	2.9	3.1
	6H	2.9	3.4	3.2	3.7	3.9	2.1	2.7	2.4	2.9	3.1
	8H	3.3	3.8	3.6	4.0	4.3	2.2	2.7	2.5	2.9	3.2
	12H	3.8	4.3	4.1	4.5	4.8	2.3	2.8	2.6	3.1	3.3
4H	2H	1.9	2.5	2.2	2.7	2.9	2.0	2.6	2.2	2.8	3.0
	3H	2.1	2.6	2.4	2.9	3.1	2.2	2.7	2.5	2.9	3.2
	4H	2.4	2.9	2.8	3.2	3.5	2.4	2.8	2.7	3.1	3.4
	6H	3.0	3.5	3.4	3.8	4.1	2.6	3.0	3.0	3.3	3.7
	8H	3.6	3.9	4.0	4.3	4.7	2.7	3.1	3.1	3.5	3.8
	12H	4.3	4.7	4.7	5.0	5.4	3.0	3.3	3.4	3.7	4.1
8H	4H	2.4	2.8	2.8	3.2	3.5	2.4	2.8	2.8	3.1	3.5
	6H	3.1	3.4	3.5	3.8	4.2	2.9	3.3	3.4	3.6	4.1
	8H	3.7	4.0	4.2	4.4	4.9	3.3	3.6	3.8	4.0	4.5
	12H	4.7	5.0	5.2	5.4	5.9	3.8	4.1	4.3	4.5	5.0
12H	4H	2.5	2.8	2.9	3.2	3.6	2.4	2.7	2.8	3.1	3.5
	6H	3.2	3.5	3.6	3.9	4.3	3.0	3.3	3.4	3.7	4.1
	8H	3.9	4.1	4.3	4.5	5.0	3.5	3.8	4.0	4.2	4.7
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 1.4					+ 1.6 / - 2.1					
1.5H	+ 2.2 / - 1.2					+ 2.8 / - 2.5					
2.0H	+ 1.7 / - 1.1					+ 1.6 / - 1.3					

CIE Pub.117 Corrected 3691 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

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:9.300 m

Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	89	84	80	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	105	103	108	104	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

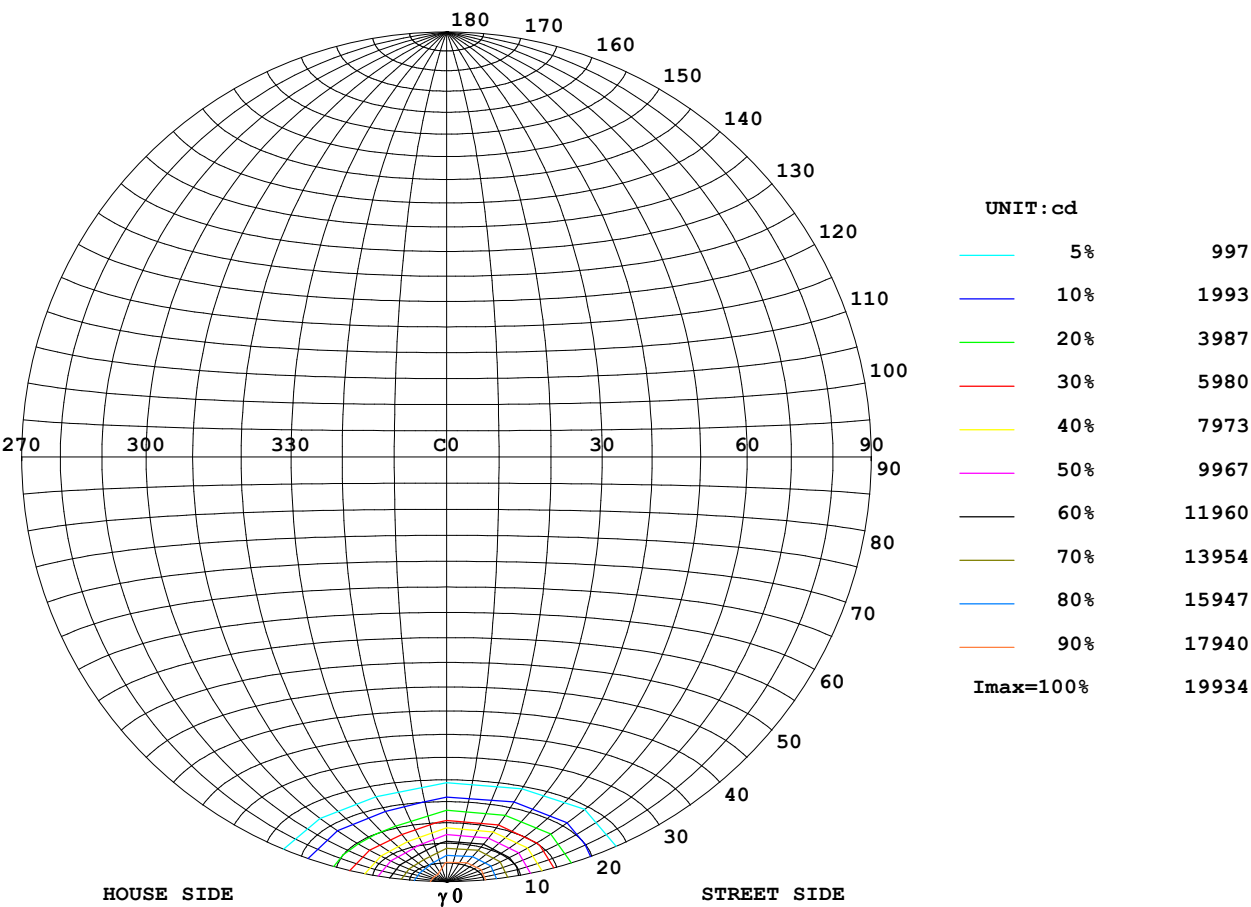
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-12-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.300 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:



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

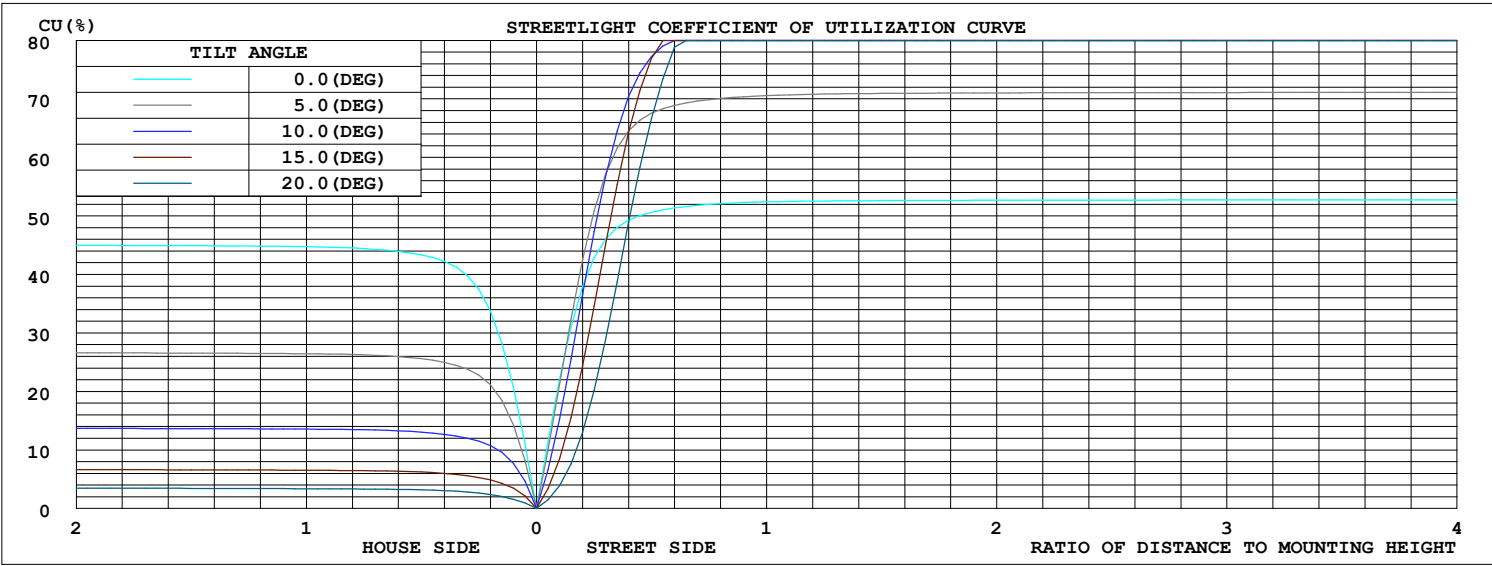
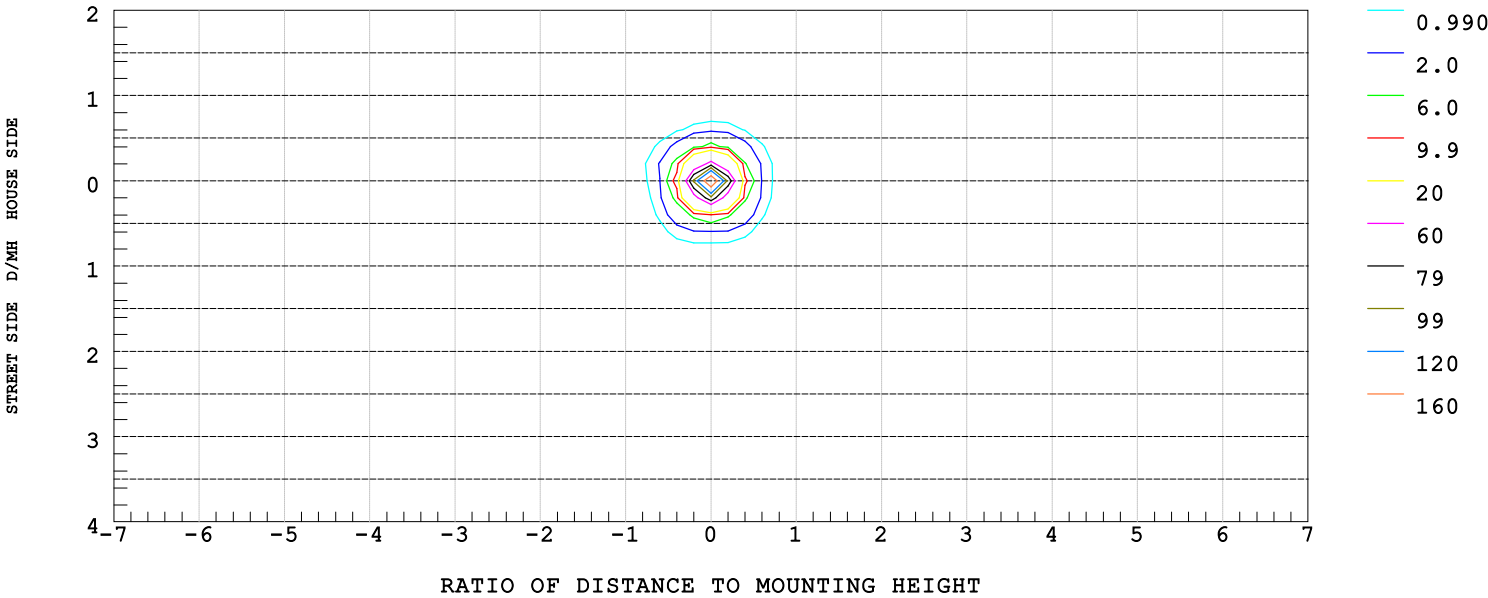
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 198.72 lx



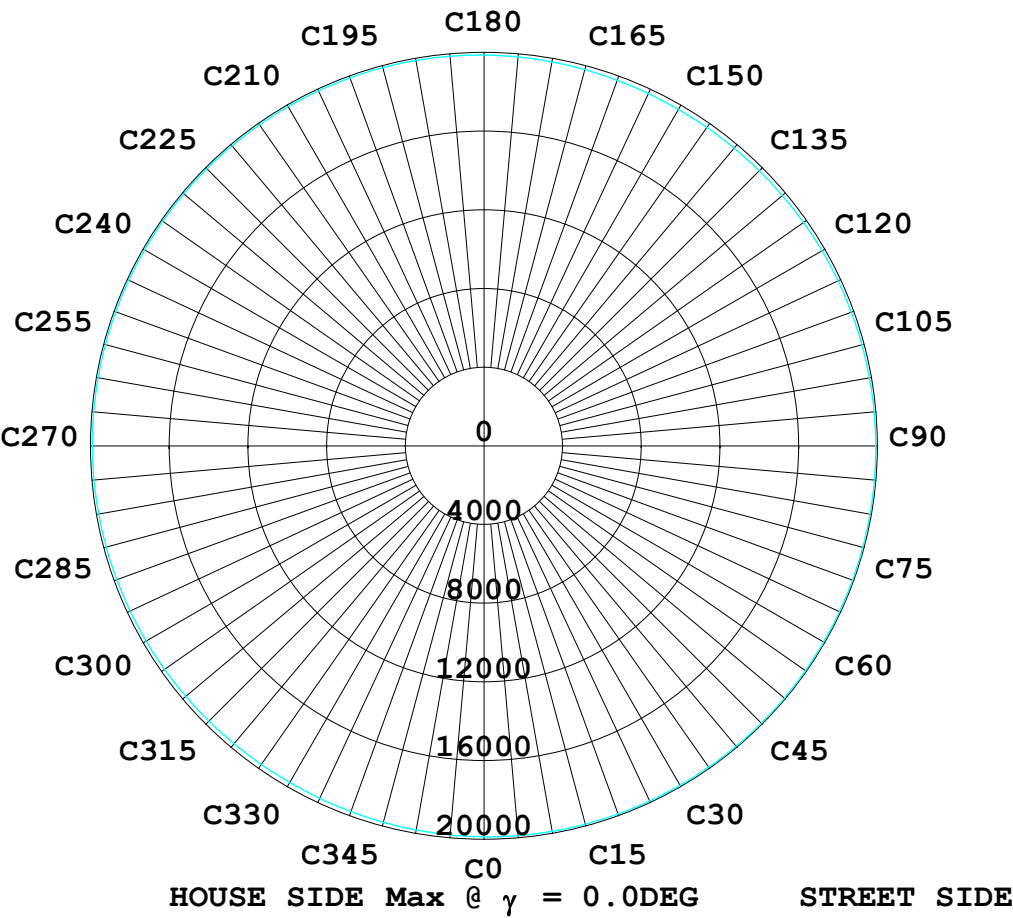
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 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:9.300 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: VIRAJ 45 LENS 15°	TYPE: .5W 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*46*70 MM	SERIAL No.:

UNIT: ;Å10cd

C (DEG)												
γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1987	1992	1993	1991	1984	1976	1987	1992	1993	1991	1984	1976
5.0	1808	1873	1865	1830	1801	1751	1718	1625	1536	1523	1578	1714
10.0	1250	1292	1229	1167	1174	1181	1161	1036	900	870	945	1147
15.0	643	659	605	551	575	599	580	500	420	374	421	577
20.0	230	244	223	187	208	219	210	187	144	131	147	223
25.0	78.4	80.3	81.1	64.7	77.2	75.1	67.9	69.4	57.3	52.3	55.5	81.3
30.0	35.3	37.9	42.9	32.2	41.2	37.7	30.1	36.8	31.6	25.4	29.7	41.2
35.0	20.3	21.7	25.9	17.5	24.8	21.6	16.9	22.1	18.2	15.9	16.6	25.3
40.0	11.7	12.7	15.8	9.79	14.4	12.5	9.21	13.1	10.0	8.91	9.40	14.8
45.0	5.96	6.77	9.63	4.11	8.34	7.13	4.31	7.40	5.08	4.16	4.16	8.77
50.0	3.78	3.45	4.53	1.99	4.20	3.88	2.68	4.50	2.17	2.50	1.97	4.65
55.0	2.83	2.43	2.80	0.99	2.63	2.46	1.89	3.33	1.01	1.66	0.92	3.30
60.0	2.04	1.80	1.73	0.73	1.73	1.77	1.26	2.47	0.54	1.28	0.56	2.43
65.0	1.26	0.80	1.32	0.50	1.32	0.67	0.61	1.36	0.36	1.00	0.36	1.31
70.0	1.07	0.42	1.05	0.36	1.02	0.36	0.52	0.98	0.28	0.85	0.26	0.98
75.0	1.05	0.35	0.90	0.32	0.86	0.31	0.58	0.84	0.26	0.75	0.25	0.84
80.0	0.93	0.35	0.80	0.29	0.76	0.29	0.53	0.75	0.26	0.69	0.24	0.74
85.0	0.84	0.38	0.74	0.31	0.71	0.33	0.48	0.69	0.26	0.63	0.25	0.68
90.0	0.76	0.44	0.70	0.39	0.67	0.41	0.57	0.59	0.32	0.56	0.29	0.61

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%
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