

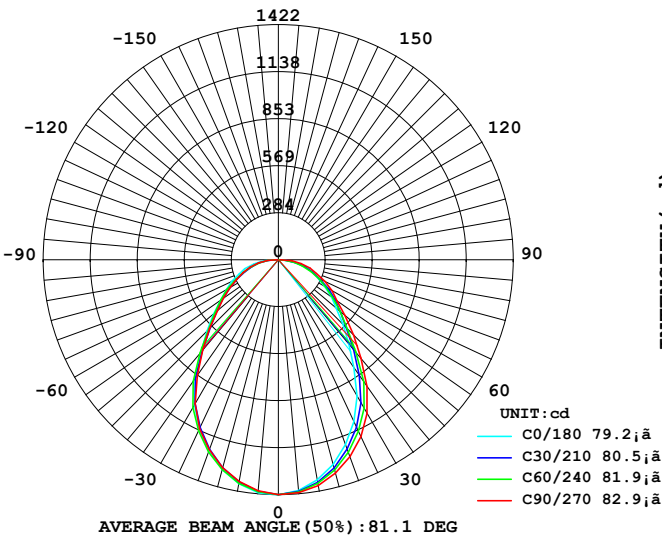
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

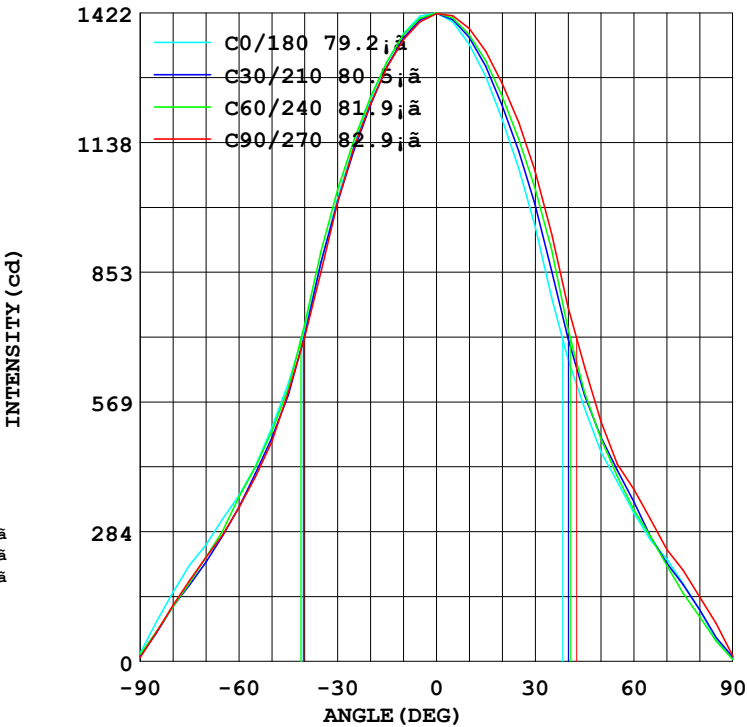
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1422	S/MH (C0/180)	1.09
MODEL	NEBULA 2X2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.09
NOMINAL POWER (W)	35	TOTAL FLUX (lm)	2937.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	84.1	Current (A)	0.155
NOMINAL FLUX (lm)	2937.9	η up (%)	0.0	Power (W)	34.93
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	2833.1	EEI	0.168

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:

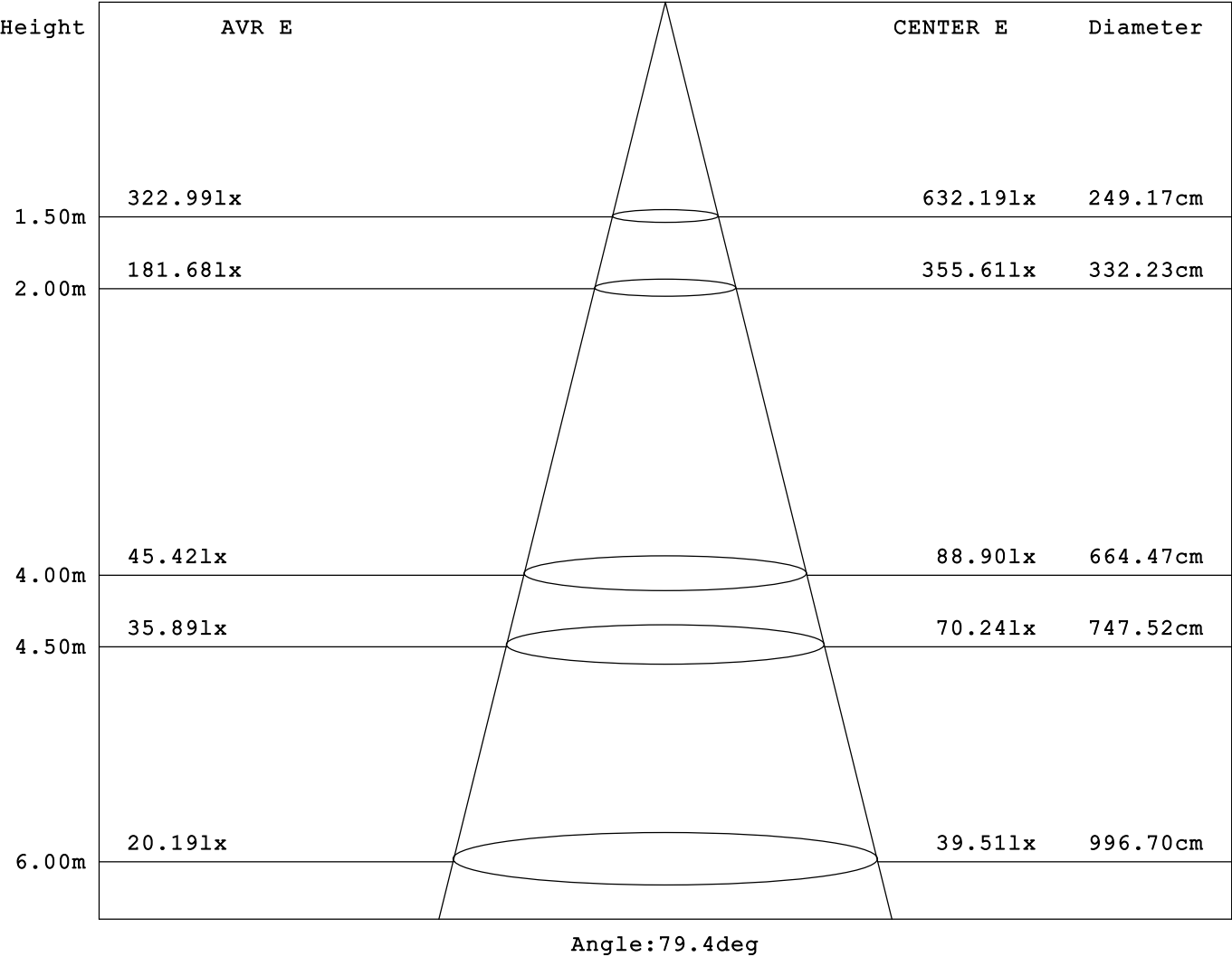
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1377	1371	1364	1356	1354	1371	1388	1386	0- 10	133.2	133.2
20.0	1233	1229	1223	1202	1189	1229	1268	1256	10- 20	368.2	501.5
30.0	1016	1021	1007	981.1	954.7	1020	1076	1059	20- 30	519.6	1021
40.0	726.7	726.6	711.1	677.1	662.7	718.7	777.0	769.2	30- 40	545.6	1567
50.0	511.6	496.4	481.1	470.1	459.0	489.5	526.2	520.1	40- 50	463.4	2030
60.0	362.8	348.5	336.4	328.2	325.4	341.0	376.9	368.4	50- 60	374.1	2405
70.0	255.2	222.4	228.0	202.3	224.1	212.5	245.4	234.6	60- 70	282.0	2687
80.0	151.2	119.8	122.1	100.7	112.0	104.8	140.4	127.2	70- 80	182.1	2869
90.0	18.68	13.26	8.754	11.64	8.212	6.723	11.73	13.49	80- 90	69.18	2938
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:06-05-2025

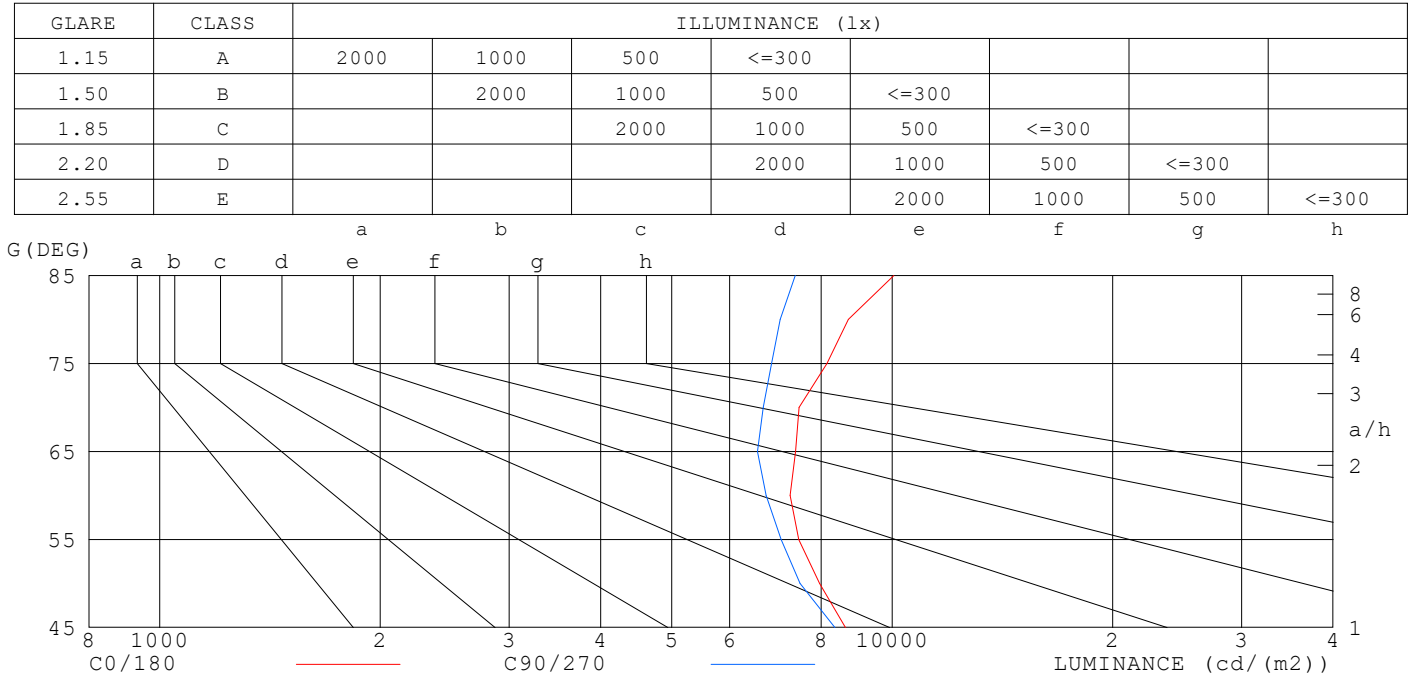
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	10055	7373
80	8711	7037
75	8146	6848
70	7462	6668
65	7380	6547
60	7258	6729
55	7453	7054
50	7960	7485
45	8633	8355

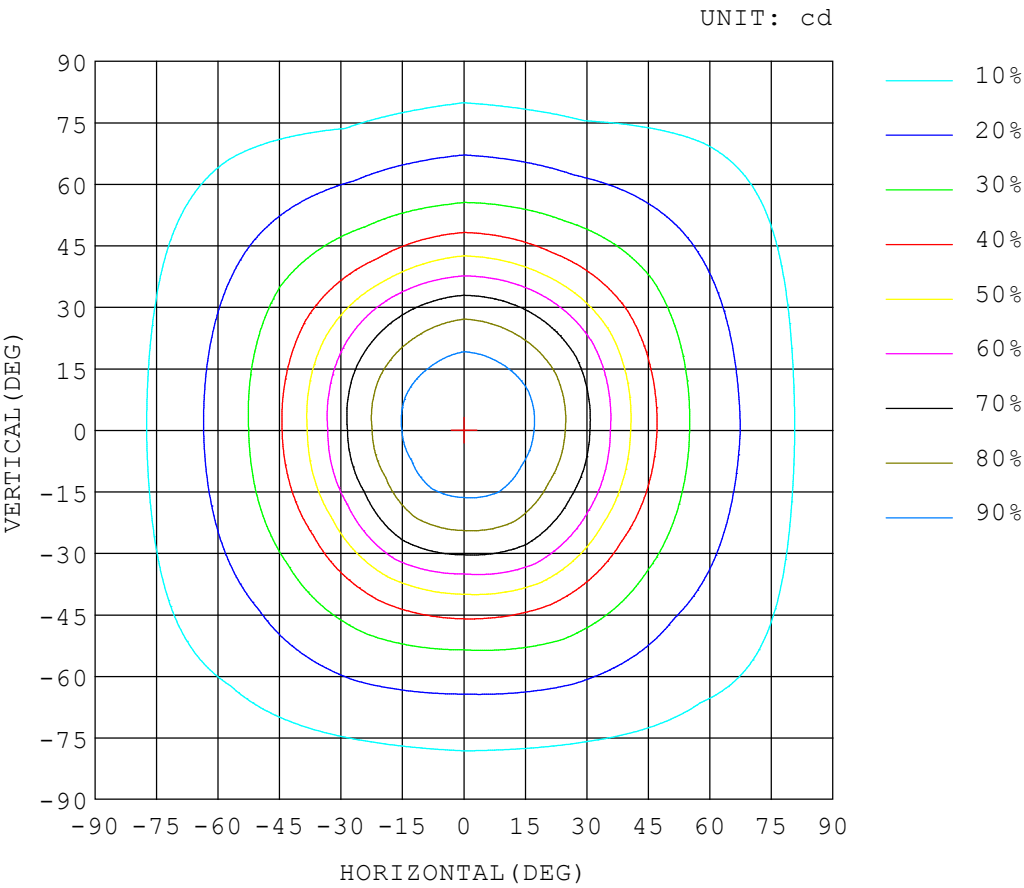
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:



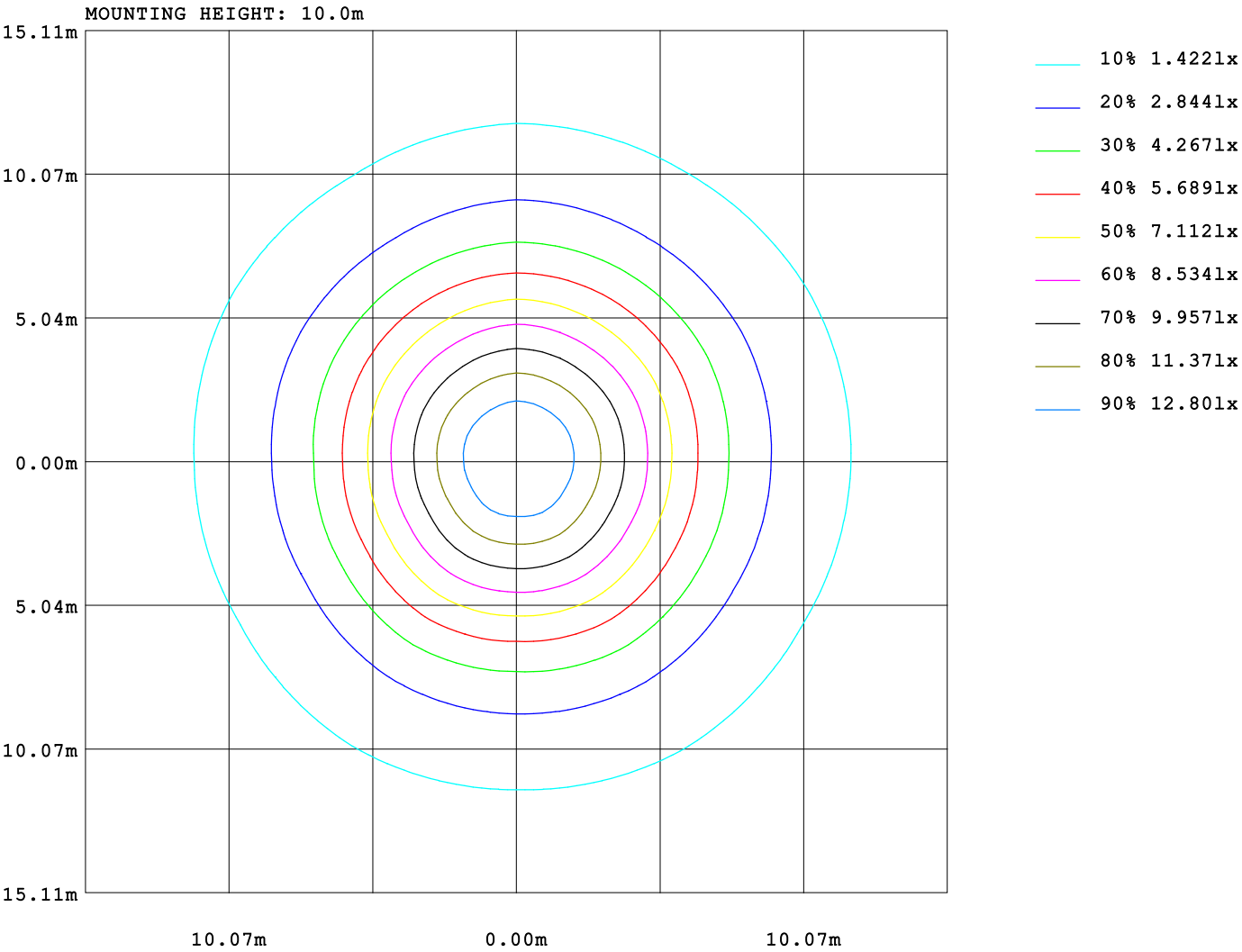
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: NEBULA 2X2										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM 800 MA										DIMENSION: 595*595*112 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a				
	0.03	0.16	0.35	0.58	0.80	1.00	1.32	1.81	2.24	2.31	2.01	1.63	1.36	1.16	0.90	0.59	0.28	0.07	18.6	0.00						
90																										
80	0.06	0.33	0.87	1.62	2.38	3.08	3.90	4.91	5.69	5.78	5.18	4.32	3.55	2.85	2.07	1.25	0.56	0.11	48.5	29.6						
70	0.08	0.54	1.49	2.71	3.99	5.37	6.79	8.19	9.18	9.29	8.49	7.21	5.85	4.44	3.09	1.86	0.81	0.15	79.6	75.2						
60	0.10	0.76	2.04	3.65	5.64	7.81	9.81	11.7	13.0	13.2	12.2	10.5	8.43	6.18	4.09	2.38	1.03	0.19	113	111						
50	0.13	0.96	2.49	4.60	7.45	10.4	13.5	16.6	19.0	19.3	17.2	14.2	11.0	7.98	5.12	2.86	1.22	0.22	155	153						
40	0.15	1.12	2.88	5.53	9.13	13.2	18.4	23.9	27.5	27.8	24.7	19.5	14.1	9.70	6.05	3.28	1.39	0.24	209	208						
30	0.17	1.24	3.19	6.26	10.4	16.4	24.1	30.9	34.8	35.1	31.7	25.5	17.7	11.3	6.78	3.64	1.51	0.26	261	261						
	0.18	1.32	3.41	6.73	11.5	18.9	28.0	35.3	39.5	39.8	36.1	29.4	20.5	12.5	7.31	3.88	1.60	0.28	297	296						
	0.19	1.37	3.51	6.91	12.0	20.0	29.7	37.4	42.0	42.3	38.3	31.0	21.8	13.2	7.57	4.01	1.66	0.29	314	313						
	0.19	1.36	3.48	6.84	11.8	19.7	29.3	36.9	41.6	42.0	37.8	30.6	21.5	13.0	7.50	3.98	1.65	0.28	310	309						
	0.18	1.30	3.33	6.52	11.1	18.0	26.9	34.4	38.8	39.1	35.3	28.4	19.7	12.1	7.11	3.79	1.58	0.27	288	288						
-30	0.16	1.20	3.07	5.94	9.86	15.2	22.8	29.9	33.5	33.8	30.7	24.3	16.5	10.6	6.47	3.50	1.48	0.26	250	249						
-40	0.14	1.07	2.73	5.14	8.43	12.5	17.6	22.7	25.6	25.9	23.6	18.6	13.3	9.05	5.63	3.12	1.34	0.24	197	196						
-50	0.12	0.90	2.31	4.22	6.90	10.0	13.2	16.0	17.7	17.9	16.4	13.8	10.6	7.38	4.67	2.68	1.17	0.21	147	145						
-60	0.10	0.70	1.84	3.27	5.29	7.63	9.84	11.4	12.2	12.3	11.7	10.3	8.07	5.73	3.71	2.20	0.97	0.18	108	105						
-70	0.08	0.48	1.30	2.39	3.77	5.30	6.77	7.84	8.40	8.48	8.04	7.08	5.69	4.18	2.78	1.67	0.74	0.14	75.2	69.3						
-80	0.06	0.28	0.71	1.38	2.27	3.20	4.07	4.78	5.23	5.29	4.96	4.35	3.56	2.68	1.80	1.06	0.49	0.10	46.3	26.8						
-90	0.03	0.14	0.28	0.48	0.79	1.14	1.47	1.73	1.91	1.96	1.87	1.68	1.40	1.06	0.72	0.45	0.24	0.06	17.4	0.00						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	2.14	15.2	39.3	74.8	124	190	268	337	379	382	347	283	205	135	83.4	46.2	19.7	3.55	2938							
Φ a	0.00	7.86	33.3	68.8	118	183	262	331	373	377	341	277	199	130	77.8	40.9	14.2	0.13		2833						

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS

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

NAME: NEBULA 2X2

TYPE: 3000K CRI-90

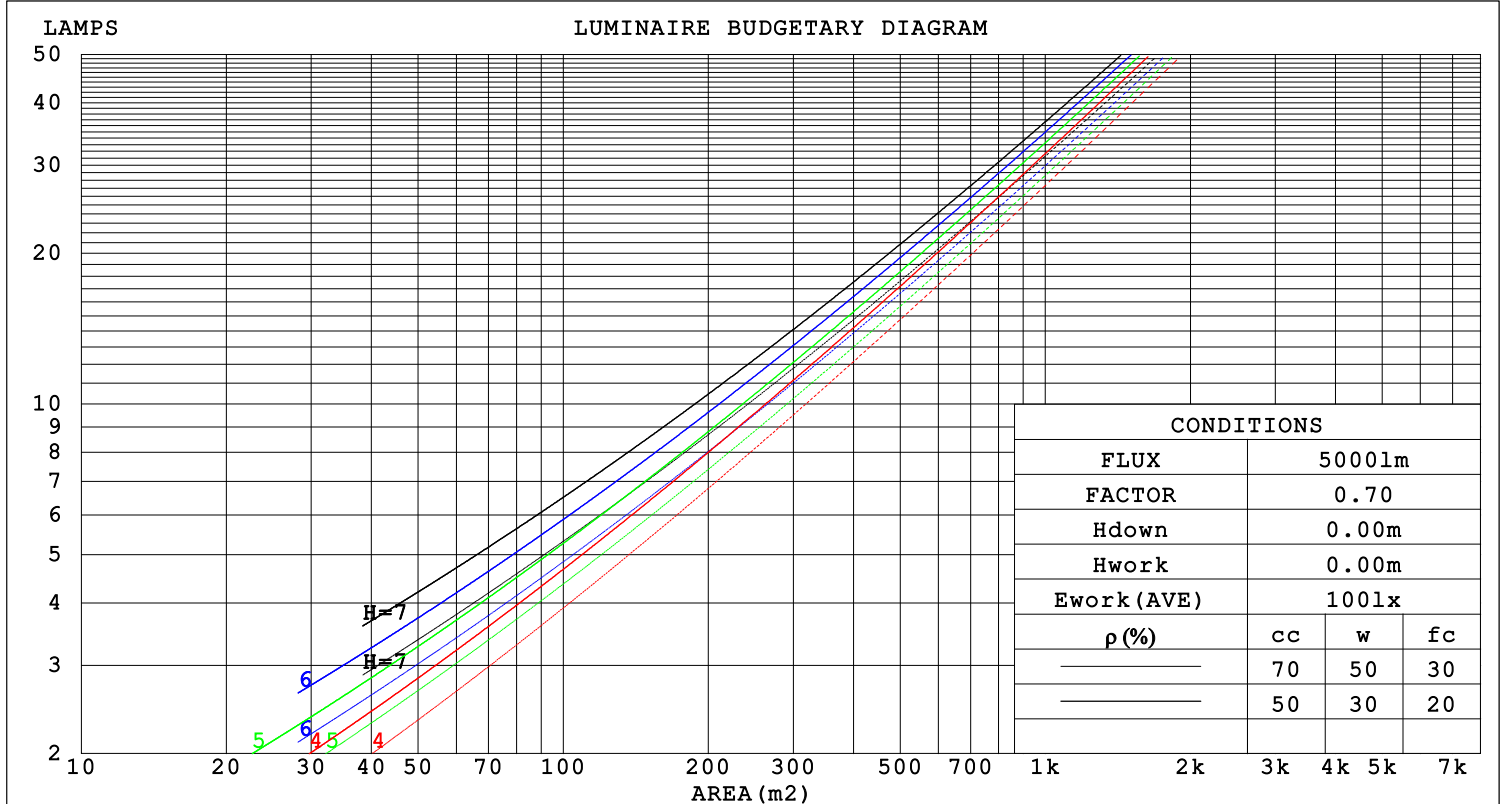
WEIGHT:

SPECIFICATION: FULHAM 800 MA

DIMENSION: 595*595*112 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															



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-05-2025

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

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: NEBULA 2X2							TYPE: 3000K CRI-90					WEIGHT:		
SPECIFICATION: FULHAM 800 MA							DIMENSION: 595*595*112 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	.295	.168	.053	.288	.164	.052	.275	.158	.050	.262	.151	.049	.251	.146	.047	
2.0	.274	.150	.046	.268	.148	.045	.257	.143	.044	.246	.138	.043	.236	.134	.042	
3.0	.253	.135	.040	.248	.133	.040	.238	.129	.039	.228	.125	.038	.219	.122	.038	
4.0	.234	.121	.036	.229	.120	.035	.220	.117	.035	.212	.114	.034	.204	.111	.034	
5.0	.217	.110	.032	.212	.109	.032	.204	.106	.031	.197	.104	.031	.190	.102	.031	
6.0	.201	.101	.029	.198	.100	.029	.191	.098	.028	.184	.096	.028	.178	.094	.028	
7.0	.188	.093	.026	.185	.092	.026	.178	.090	.026	.172	.088	.026	.167	.087	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.084	.024	.162	.082	.024	.157	.081	.024	
9.0	.165	.080	.022	.163	.079	.022	.158	.078	.022	.153	.077	.022	.149	.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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.087	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.161	.114	.077	.138	.099	.066	.095	.068	.047	.055	.040	.027	.018	.013	.009	
4.0	.153	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.082	.041	.119	.071	.036	.082	.049	.025	.048	.029	.015	.015	.010	.005	
7.0	.131	.074	.035	.113	.065	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.103	.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:06-05-2025

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 LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: NEBULA 2X2					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 800 MA					DIMENSION: 595*595*112 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	19.2	20.6	19.4	20.8	21.0	19.1	20.5	19.4	20.7	20.9
	3H	20.8	22.1	21.1	22.4	22.6	20.6	21.9	20.9	22.2	22.4
	4H	21.7	22.9	22.0	23.2	23.4	21.3	22.6	21.7	22.8	23.1
	6H	22.5	23.7	22.8	24.0	24.2	22.0	23.2	22.3	23.4	23.7
	8H	22.9	24.0	23.2	24.3	24.6	22.2	23.4	22.6	23.7	23.9
	12H	23.2	24.3	23.5	24.6	24.9	22.4	23.5	22.8	23.8	24.1
4H	2H	19.7	21.0	20.0	21.2	21.5	19.7	20.9	20.0	21.2	21.4
	3H	21.5	22.6	21.9	22.9	23.2	21.4	22.5	21.7	22.8	23.1
	4H	22.5	23.5	22.9	23.9	24.2	22.3	23.3	22.7	23.6	23.9
	6H	23.5	24.4	23.9	24.8	25.1	23.1	24.0	23.5	24.3	24.7
	8H	24.0	24.8	24.4	25.2	25.6	23.4	24.2	23.8	24.6	25.0
	12H	24.3	25.1	24.7	25.5	25.9	23.7	24.4	24.1	24.8	25.2
8H	4H	22.8	23.7	23.3	24.0	24.4	22.6	23.4	23.0	23.8	24.2
	6H	24.0	24.7	24.4	25.1	25.5	23.6	24.3	24.0	24.7	25.1
	8H	24.5	25.1	25.0	25.6	26.0	24.0	24.7	24.5	25.1	25.5
	12H	25.0	25.5	25.5	26.0	26.4	24.4	24.9	24.9	25.4	25.8
12H	4H	22.9	23.6	23.3	24.0	24.4	22.7	23.4	23.1	23.8	24.2
	6H	24.1	24.7	24.5	25.1	25.6	23.7	24.3	24.2	24.7	25.2
	8H	24.7	25.2	25.1	25.6	26.1	24.2	24.7	24.7	25.2	25.7
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H		+ 0.1 / - 0.1					+ 0.2 / - 0.2				
2.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2938 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 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) $k(RI) \times RCR = 5$									
$k = 0.60$	63	52	46	62	52	46	61	52	46	40
0.80	72	62	55	71	61	55	70	61	55	48
1.00	80	70	63	79	69	63	77	70	62	56
1.25	87	77	70	85	76	70	83	75	69	62
1.50	91	82	76	89	81	75	87	79	74	67
2.00	97	89	83	95	88	83	92	86	81	74
2.50	101	93	88	99	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	107	102	98	105	100	96	101	97	94	85
5.00	109	105	101	107	103	100	103	99	97	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

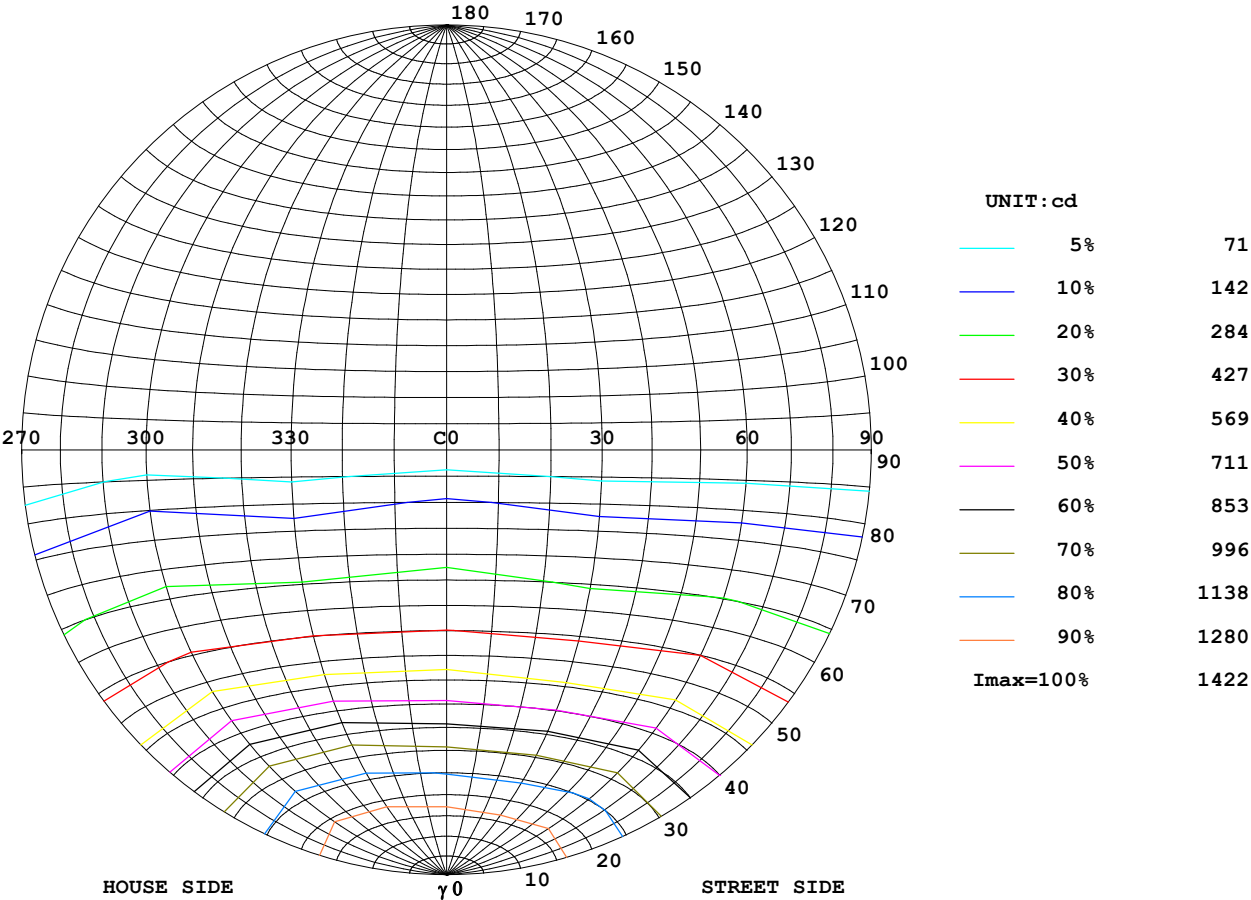
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-05-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

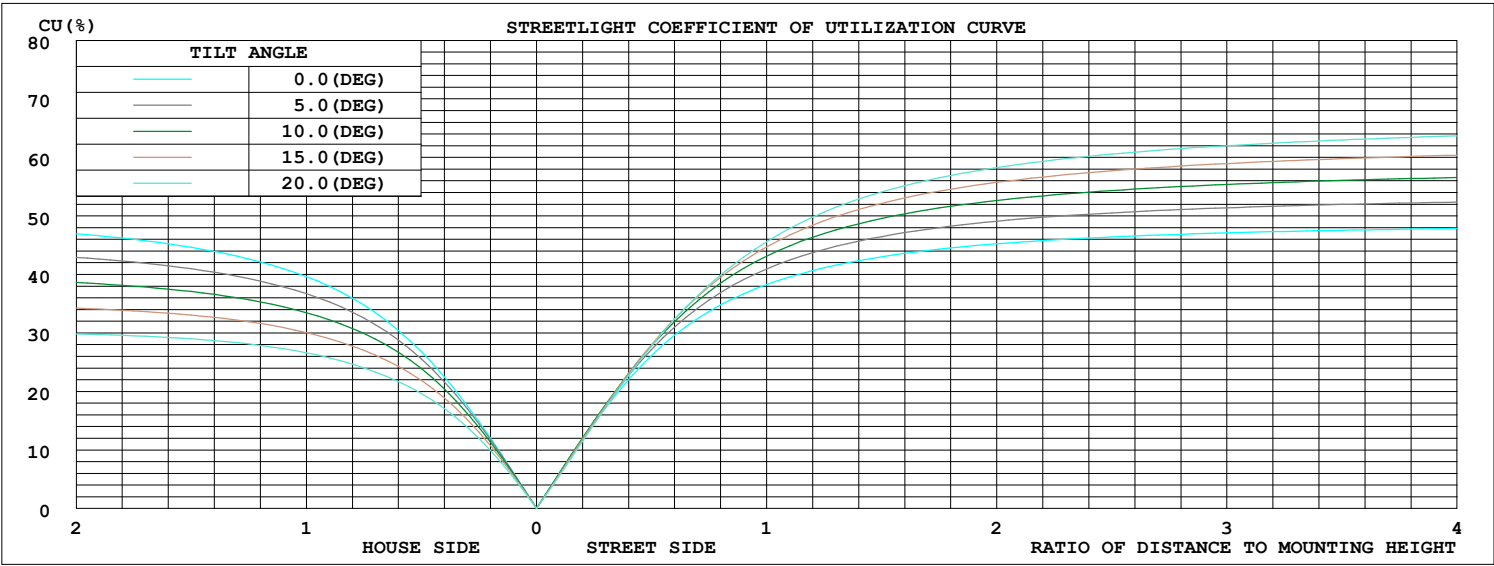
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 14.22 lx



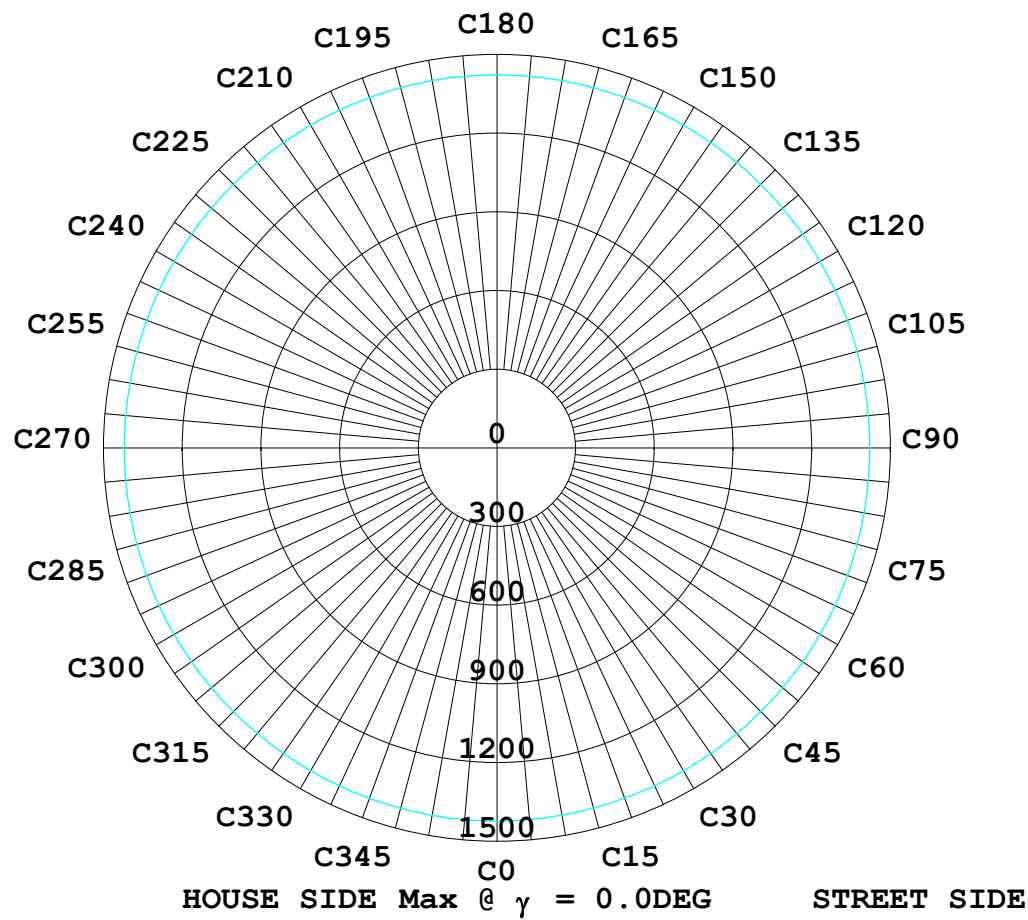
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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 LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: NEBULA 2X2	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 595*595*112 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1422	1421	1422	1421	1422	1421	1422	1421	1422	1421	1422	1421
5.0	1415	1407	1410	1403	1405	1397	1402	1407	1411	1416	1415	1417
10.0	1377	1368	1375	1364	1363	1348	1354	1368	1374	1388	1385	1387
15.0	1315	1304	1314	1303	1299	1276	1282	1305	1317	1338	1332	1331
20.0	1233	1221	1238	1223	1220	1183	1189	1219	1239	1268	1258	1254
25.0	1132	1121	1144	1128	1123	1079	1081	1119	1145	1182	1167	1162
30.0	1016	1008	1035	1007	1009	954	955	1002	1038	1076	1064	1054
35.0	875	875	900	854	862	802	797	856	902	937	936	925
40.0	727	714	739	711	702	652	663	709	729	777	769	769
45.0	610	584	599	591	579	541	555	583	589	646	621	628
50.0	512	490	503	481	486	455	459	491	488	526	513	527
55.0	428	412	426	405	406	385	394	419	406	433	428	443
60.0	363	338	360	336	342	315	325	350	332	377	365	372
65.0	312	274	286	277	276	251	267	274	275	313	290	305
70.0	255	217	228	228	214	191	224	215	210	245	228	241
75.0	211	168	173	177	161	145	170	168	149	200	166	187
80.0	151	120	120	122	108	93.7	112	112	97.2	140	115	139
85.0	87.6	62.5	65.5	64.2	53.0	37.2	47.1	52.2	44.5	83.4	61.0	80.9
90.0	18.6	10.9	15.6	8.75	14.2	9.02	8.21	9.47	3.97	11.7	8.21	18.7

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-05-2025

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