

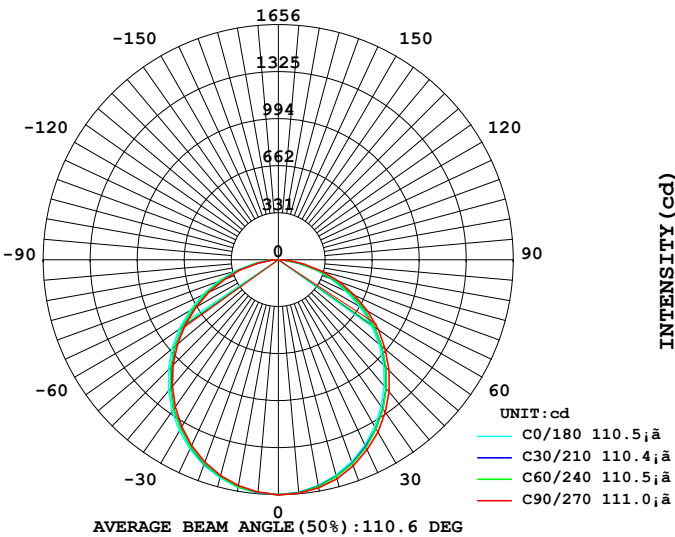
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

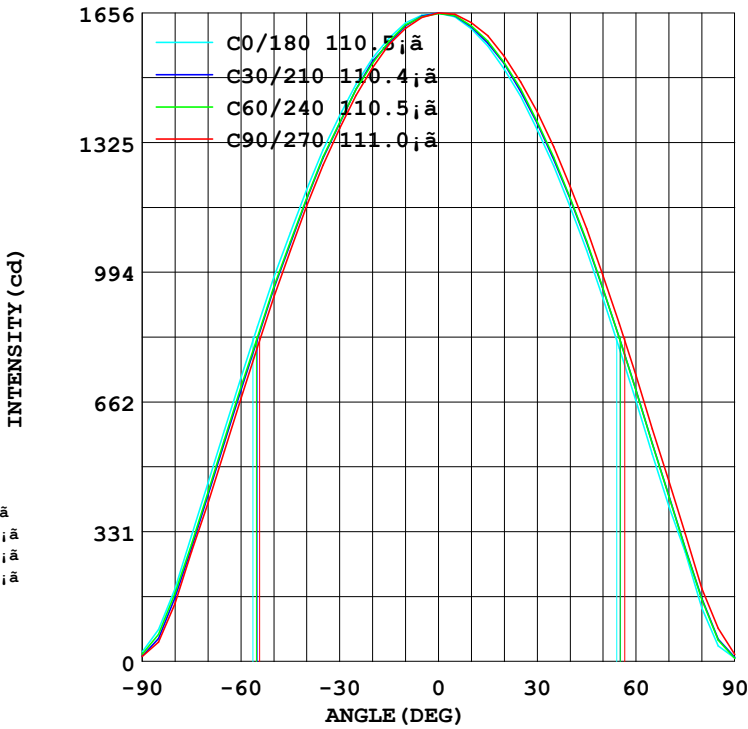
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1656	S/MH (C0/180)	1.25
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	42	TOTAL FLUX (lm)	4603.0	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	110.0	Current (A)	0.182
NOMINAL FLUX (lm)	4603.0	η up (%)	0.0	Power (W)	41.84
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.992
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	4518.9	EEI	0.126

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:

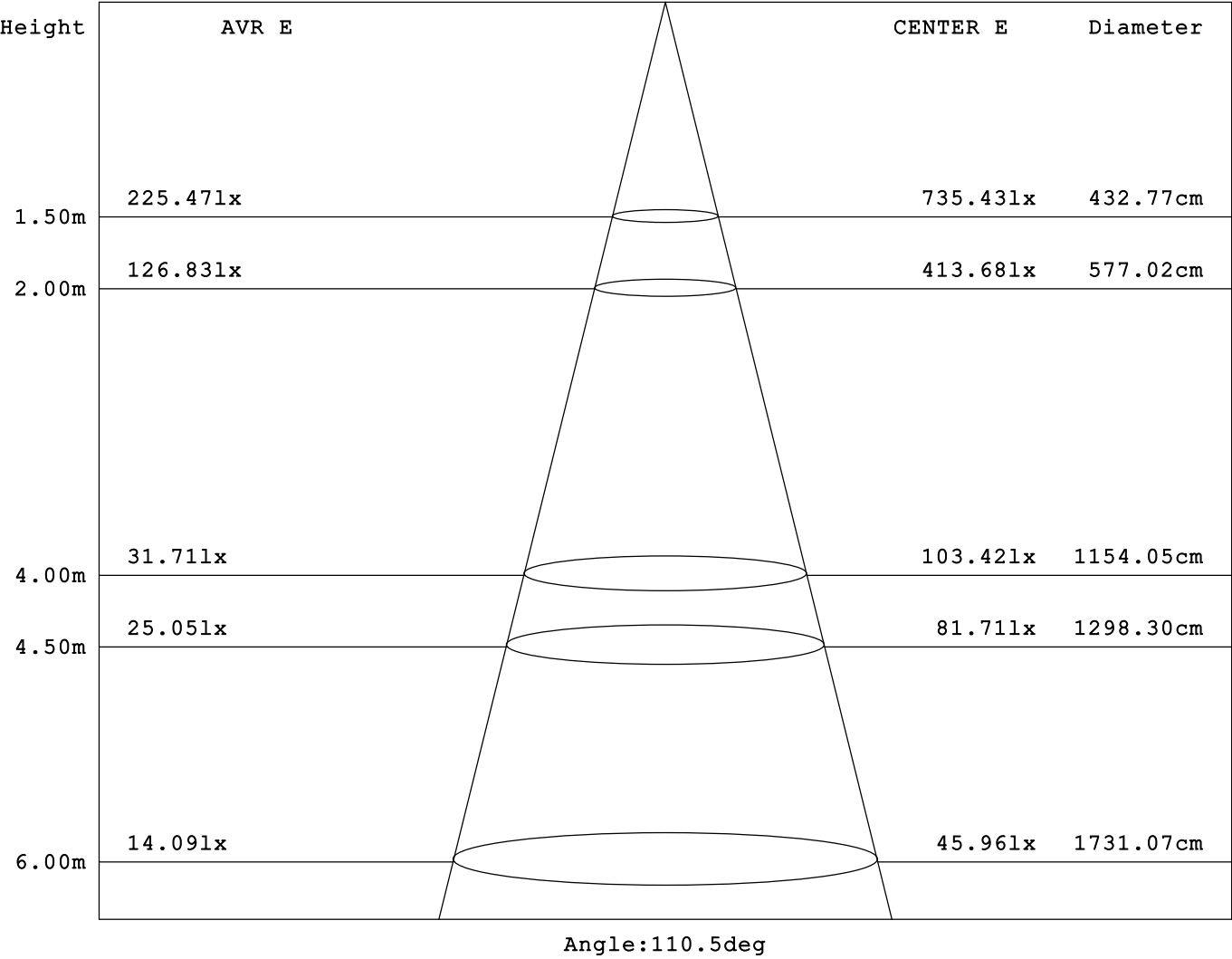
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1630	1624	1616	1613	1615	1622	1631	1635	0- 10	156.4	156.4
20.0	1540	1530	1516	1510	1513	1528	1545	1552	10- 20	446.6	603.1
30.0	1393	1375	1361	1350	1358	1377	1404	1410	20- 30	672.6	1276
40.0	1204	1181	1163	1152	1161	1183	1214	1223	30- 40	805.0	2081
50.0	979.6	953.3	929.2	918.9	926.8	951.3	984.5	995.0	40- 50	827.8	2909
60.0	722.3	694.7	669.8	657.0	665.5	692.7	730.6	740.8	50- 60	740.2	3649
70.0	454.1	426.3	401.9	390.9	395.7	422.0	460.2	470.6	60- 70	556.8	4206
80.0	183.9	167.5	146.6	138.5	135.6	159.2	185.7	205.5	70- 80	313.1	4519
90.0	24.06	15.68	12.35	15.39	8.448	8.928	17.72	18.11	80- 90	84.10	4603
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:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

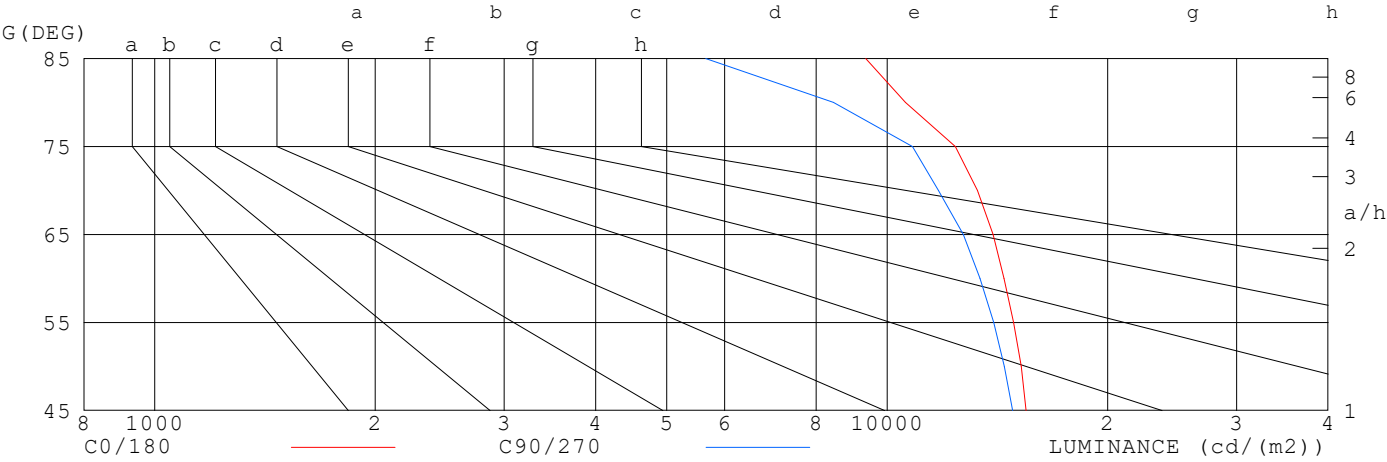
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 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	9355	5654
80	10592	8447
75	12394	10826
70	13278	11751
65	13959	12713
60	14446	13396
55	14884	13986
50	15241	14456
45	15477	14833

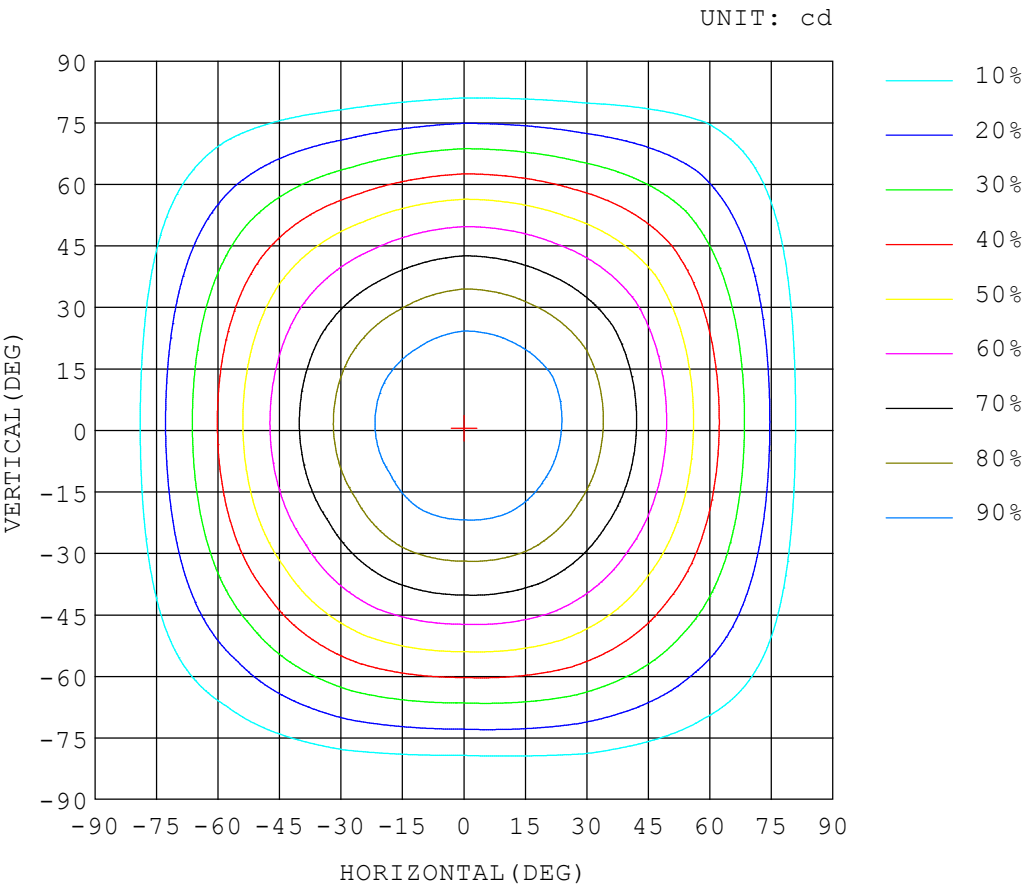
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:



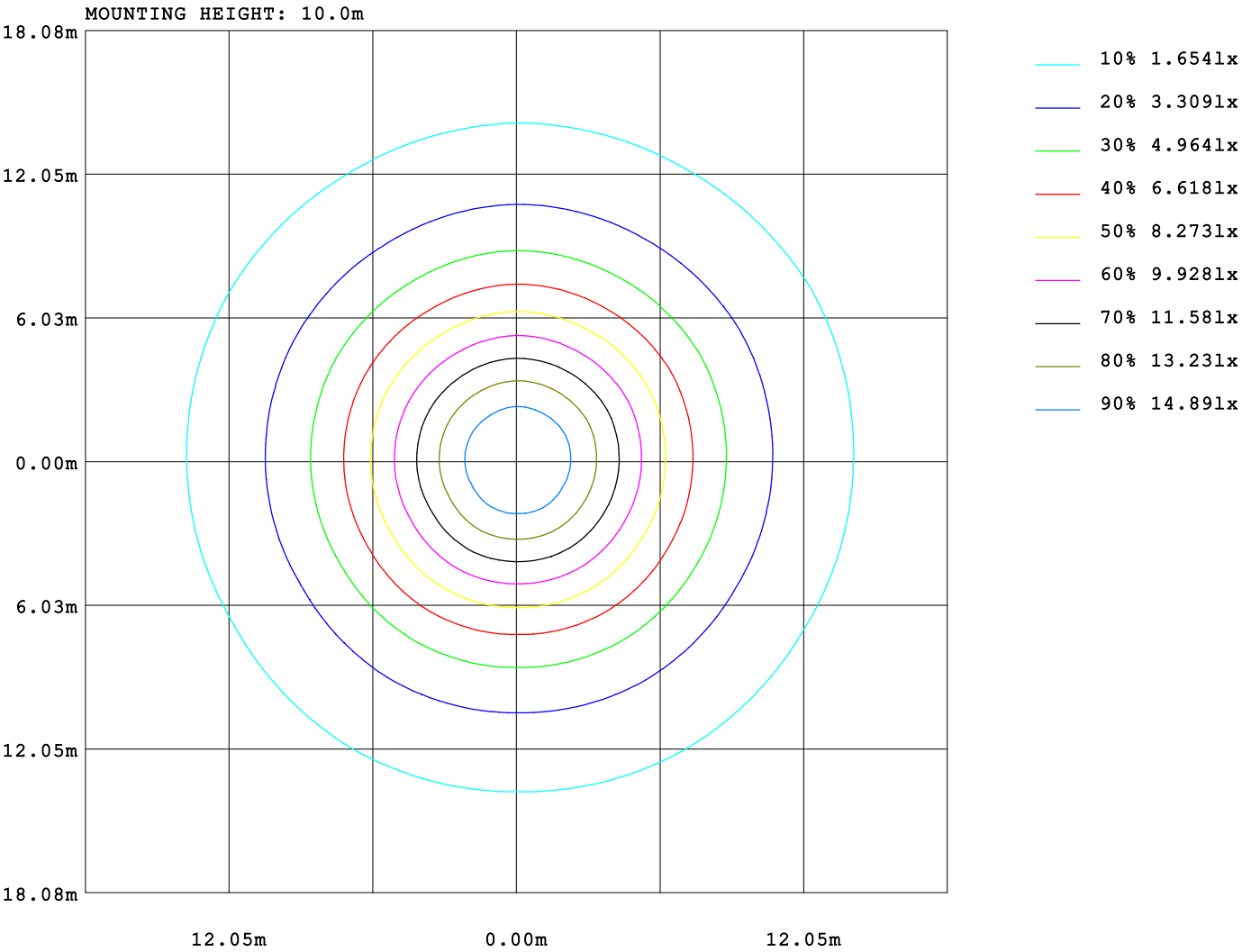
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: DISC BACKLIT										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION: FULHAM-1050 MA										DIMENSION: D-500 H-95 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.16	0.37	0.65	0.98	1.33	1.77	2.28	2.68	2.80	2.61	2.28	1.92	1.56	1.16	0.72	0.33	0.08	23.7	1.44		
90	0.05	0.33	1.05	2.29	3.80	5.42	7.06	8.57	9.58	9.76	9.09	7.85	6.38	4.80	3.20	1.68	0.62	0.12	81.7	72.1		
80	0.07	0.62	2.15	4.63	7.59	10.6	13.5	16.1	17.6	17.8	16.6	14.4	11.7	8.67	5.64	2.88	0.99	0.16	152	150		
70	0.10	0.98	3.38	7.02	11.3	15.9	20.0	23.5	25.6	25.8	24.1	21.0	17.0	12.5	8.07	4.10	1.38	0.19	222	221		
60	0.12	1.36	4.51	9.20	14.9	20.7	26.0	30.3	32.9	33.1	30.9	27.0	21.9	16.1	10.2	5.23	1.76	0.23	287	286		
50	0.15	1.71	5.44	11.0	17.9	24.9	31.2	36.2	39.2	39.5	36.9	32.2	26.1	19.1	12.1	6.19	2.10	0.26	343	342		
40	0.18	1.98	6.17	12.5	20.2	28.2	35.4	40.9	44.2	44.5	41.6	36.4	29.4	21.4	13.5	6.94	2.37	0.29	387	386		
30	0.20	2.16	6.67	13.5	21.7	30.4	38.2	44.3	47.7	48.0	45.0	39.3	31.5	22.8	14.5	7.44	2.54	0.31	417	416		
	0.20	2.24	6.90	13.9	22.5	31.4	39.5	45.9	49.4	49.7	46.5	40.4	32.4	23.5	14.9	7.66	2.62	0.32	431	430		
	0.20	2.22	6.85	13.8	22.3	31.1	39.2	45.5	49.2	49.4	46.2	40.1	32.1	23.3	14.8	7.60	2.60	0.31	428	427		
	0.19	2.11	6.52	13.2	21.3	29.7	37.4	43.7	47.2	47.4	44.3	38.3	30.7	22.3	14.1	7.25	2.48	0.30	409	408		
-30	0.17	1.89	5.94	12.0	19.4	27.2	34.6	40.3	43.3	43.5	40.8	35.4	28.2	20.4	12.9	6.65	2.26	0.28	376	375		
-40	0.15	1.60	5.12	10.4	16.9	24.0	30.5	35.5	38.0	38.2	35.9	31.2	24.9	17.9	11.3	5.80	1.96	0.25	330	329		
-50	0.12	1.24	4.11	8.46	13.9	19.9	25.4	29.4	31.5	31.7	29.8	26.1	20.7	14.9	9.34	4.75	1.59	0.21	274	272		
-60	0.09	0.87	2.95	6.22	10.5	15.2	19.4	22.5	24.1	24.2	22.9	20.1	16.0	11.4	7.06	3.56	1.19	0.17	209	207		
-70	0.07	0.52	1.77	3.87	6.84	10.1	13.0	15.1	16.1	16.3	15.4	13.6	10.8	7.68	4.67	2.30	0.80	0.14	139	136		
-80	0.05	0.26	0.78	1.79	3.30	5.05	6.65	7.75	8.34	8.46	8.08	7.16	5.68	3.96	2.35	1.17	0.48	0.11	71.4	57.7		
-90	0.03	0.14	0.28	0.49	0.86	1.31	1.69	1.89	1.96	2.02	2.06	1.95	1.61	1.14	0.72	0.45	0.25	0.07	18.9	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90	
Φ t	2.17	22.4	71.0	145	237	333	421	490	530	533	500	436	350	254	161	82.4	28.3	3.79	4603			
Φ a	0.00	16.6	66.2	141	232	328	417	486	525	528	495	431	345	250	156	77.9	23.2	0.30		4519		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: DISC BACKLIT

TYPE: 4000K CRI-90

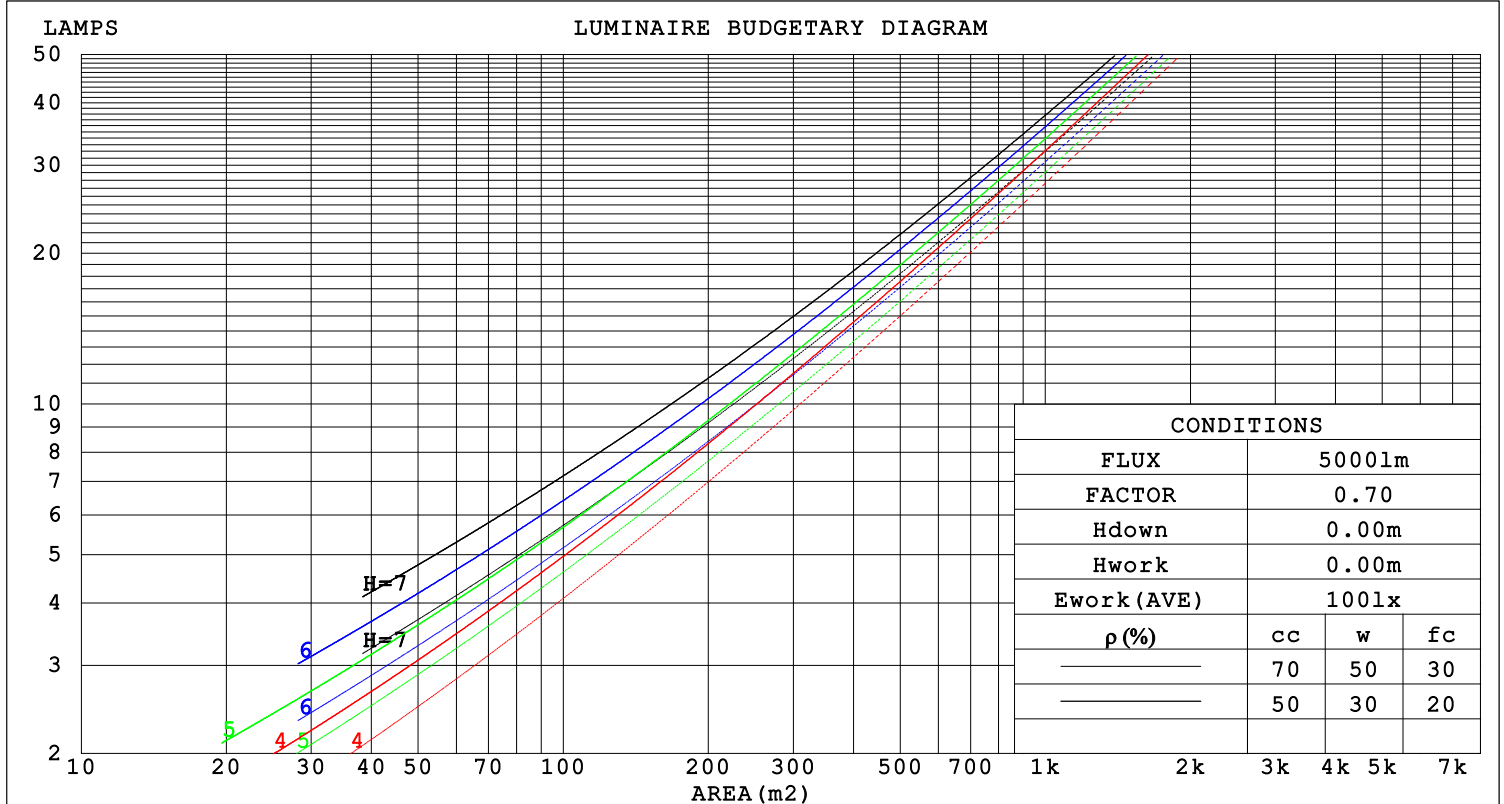
WEIGHT:

SPECIFICATION: FULHAM-1050 MA

DIMENSION: D-500 H-95 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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.32	.45	.38	.32	.44	.37	.32	.43	.36	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DISC BACKLIT							TYPE: 4000K CRI-90					WEIGHT:		
SPECIFICATION: FULHAM-1050 MA							DIMENSION: D-500 H-95 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	.307	.175	.055	.300	.171	.054	.287	.165	.053	.275	.158	.051	.263	.153	.049	
2.0	.290	.159	.049	.283	.156	.048	.272	.151	.047	.261	.146	.046	.251	.142	.045	
3.0	.268	.143	.043	.263	.141	.042	.252	.137	.042	.243	.133	.041	.234	.130	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.074	.021	

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	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.098	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.097	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DISC BACKLIT					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM-1050 MA					DIMENSION: D-500 H-95 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	22.2	23.7	22.5	23.9	24.1	22.0	23.6	22.3	23.8	24.0
	3H	23.7	25.1	24.0	25.4	25.6	23.4	24.9	23.7	25.1	25.3
	4H	24.3	25.6	24.6	25.9	26.2	24.0	25.3	24.3	25.6	25.8
	6H	24.7	25.9	25.0	26.2	26.5	24.3	25.5	24.6	25.8	26.1
	8H	24.7	26.0	25.1	26.2	26.5	24.3	25.5	24.6	25.8	26.0
	12H	24.8	26.0	25.1	26.3	26.6	24.3	25.4	24.6	25.7	26.0
4H	2H	22.8	24.1	23.1	24.4	24.6	22.7	24.0	23.0	24.2	24.5
	3H	24.5	25.6	24.8	25.9	26.2	24.3	25.4	24.6	25.7	26.0
	4H	25.1	26.2	25.5	26.5	26.9	24.9	26.0	25.3	26.3	26.6
	6H	25.6	26.5	26.0	26.9	27.3	25.3	26.2	25.7	26.6	26.9
	8H	25.7	26.6	26.1	26.9	27.3	25.3	26.2	25.7	26.6	27.0
	12H	25.8	26.6	26.2	27.0	27.4	25.4	26.2	25.8	26.5	27.0
8H	4H	25.4	26.2	25.8	26.6	27.0	25.1	26.0	25.6	26.4	26.8
	6H	25.9	26.6	26.3	27.0	27.5	25.6	26.4	26.1	26.8	27.2
	8H	26.0	26.7	26.5	27.1	27.6	25.7	26.4	26.2	26.8	27.3
	12H	26.2	26.7	26.7	27.2	27.7	25.8	26.4	26.3	26.8	27.3
12H	4H	25.4	26.2	25.8	26.5	27.0	25.1	26.0	25.6	26.3	26.7
	6H	25.9	26.6	26.4	27.0	27.4	25.7	26.3	26.1	26.7	27.2
	8H	26.1	26.6	26.6	27.1	27.6	25.8	26.3	26.3	26.8	27.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.3					+ 0.2 / - 0.4				
2.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 4603 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.3)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 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) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	85	80	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

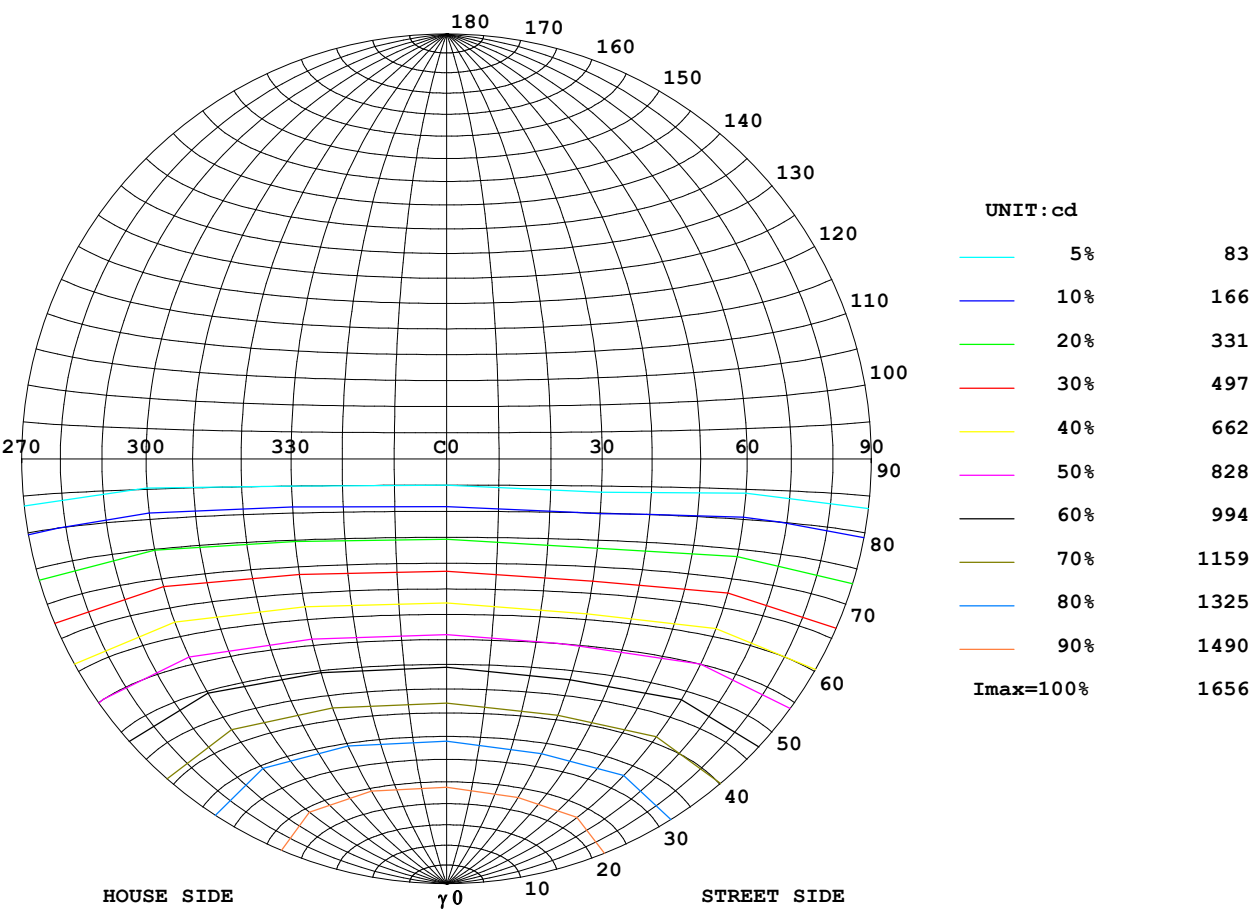
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

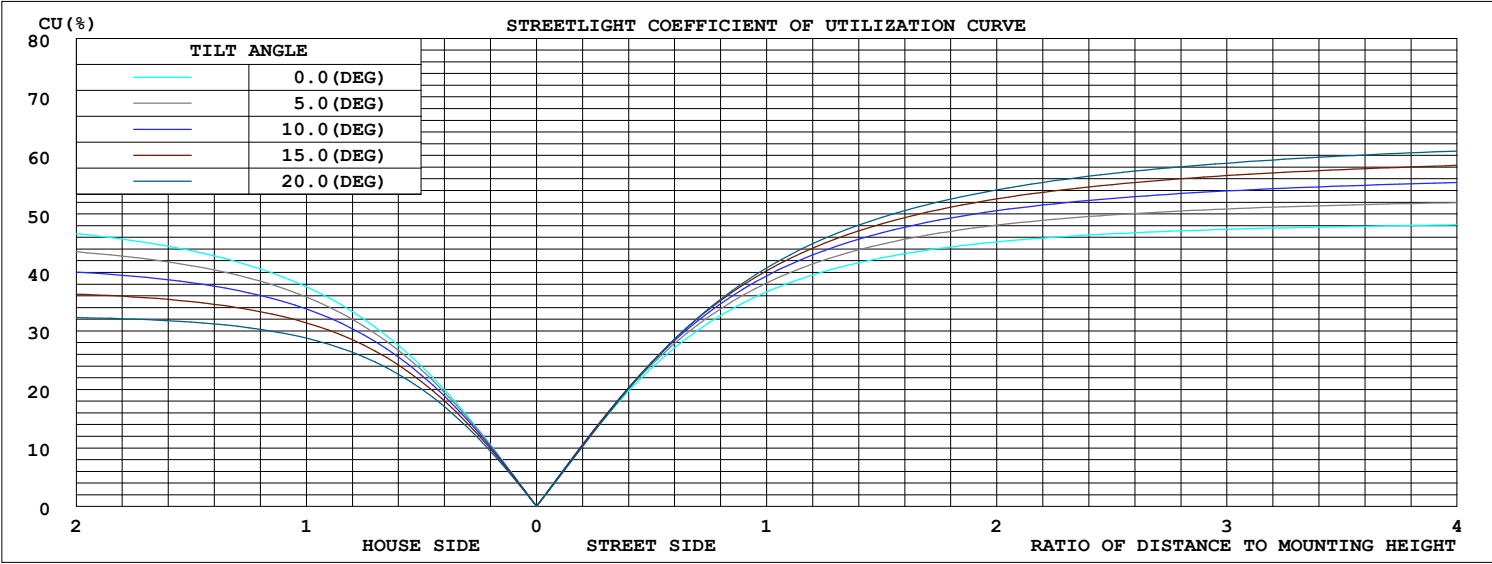
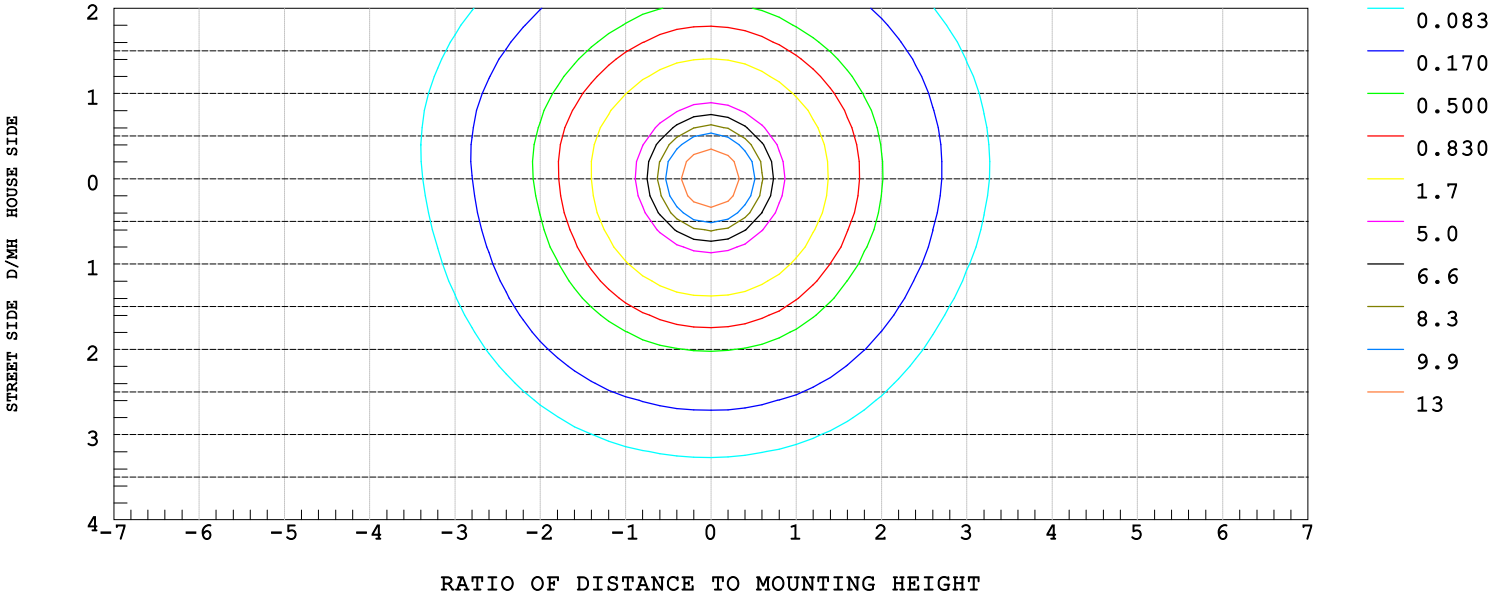
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 16.55 lx



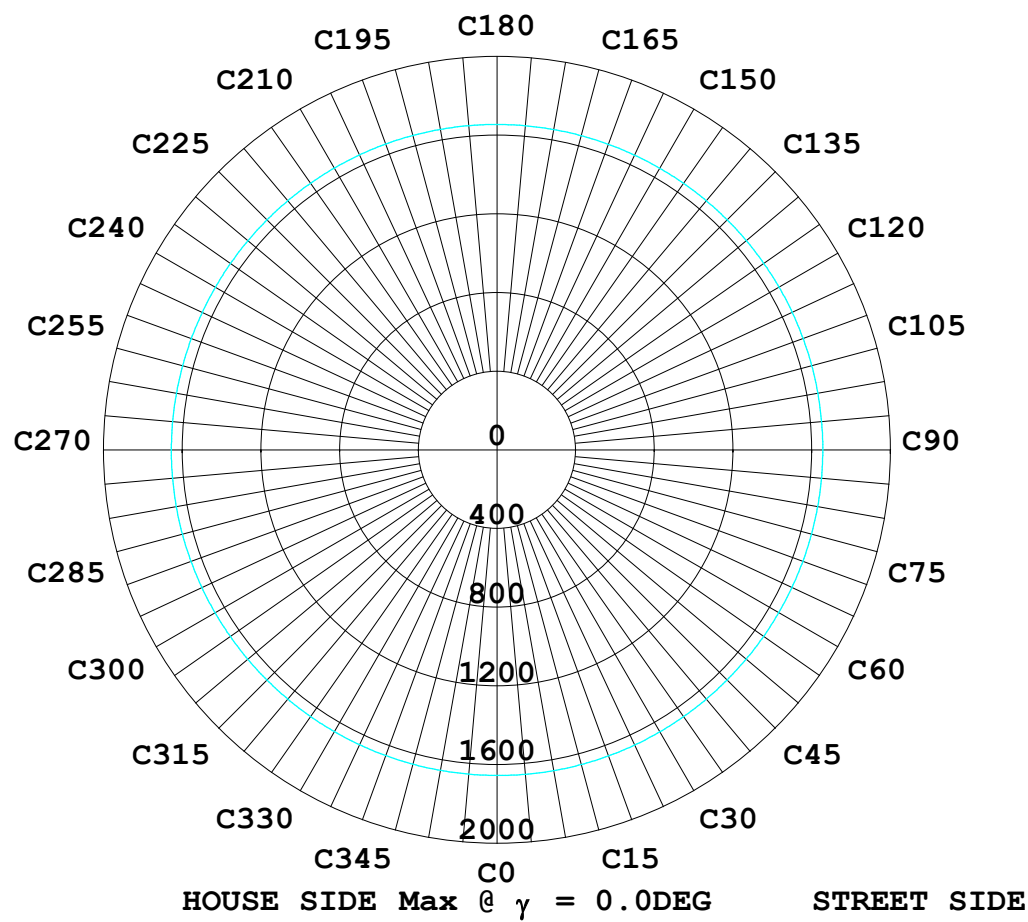
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-1050 MA	DIMENSION: D-500 H-95 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1655	1655	1654	1656	1656	1654	1655	1655	1654	1656	1656	1654
5.0	1650	1647	1646	1644	1643	1641	1646	1648	1649	1652	1652	1655
10.0	1630	1623	1625	1616	1617	1609	1615	1621	1623	1631	1631	1638
15.0	1591	1579	1583	1575	1572	1561	1571	1579	1583	1598	1596	1601
20.0	1540	1532	1527	1516	1518	1502	1513	1526	1529	1545	1547	1557
25.0	1474	1460	1460	1445	1443	1427	1442	1455	1461	1479	1481	1492
30.0	1393	1374	1375	1361	1360	1340	1358	1375	1379	1404	1404	1416
35.0	1306	1284	1288	1266	1269	1247	1265	1282	1287	1314	1314	1329
40.0	1204	1180	1183	1163	1164	1140	1161	1181	1184	1214	1214	1231
45.0	1094	1067	1071	1049	1051	1023	1049	1070	1073	1105	1102	1122
50.0	980	951	956	929	933	905	927	951	952	985	984	1006
55.0	854	823	827	802	806	774	800	826	826	862	859	884
60.0	722	691	699	670	673	641	666	693	692	731	728	754
65.0	590	559	567	537	543	510	529	557	556	594	591	619
70.0	454	422	430	402	407	374	396	423	421	460	457	484
75.0	321	290	298	280	276	237	279	289	288	326	323	350
80.0	184	162	173	147	153	124	136	160	158	186	190	221
85.0	81.5	58.6	68.8	49.2	54.7	33.8	39.2	56.5	54.6	84.9	81.5	103
90.0	24.0	13.3	17.9	12.3	18.0	12.7	8.44	10.4	7.36	17.7	13.3	22.8

Test System:HOPOO HPG1800
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