

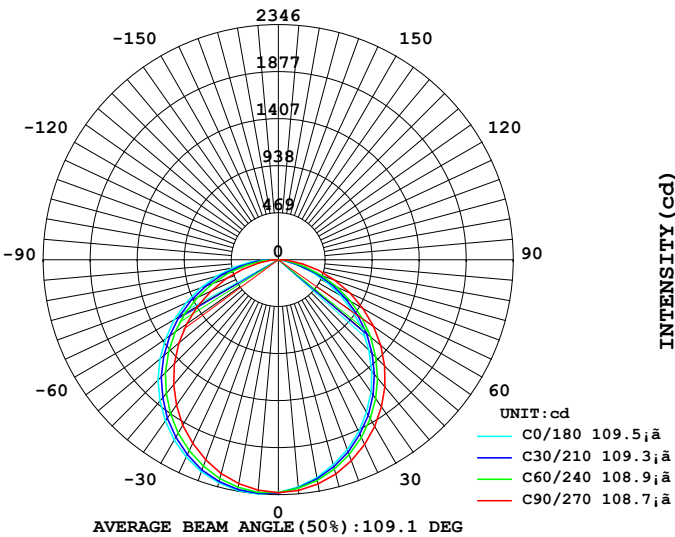
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

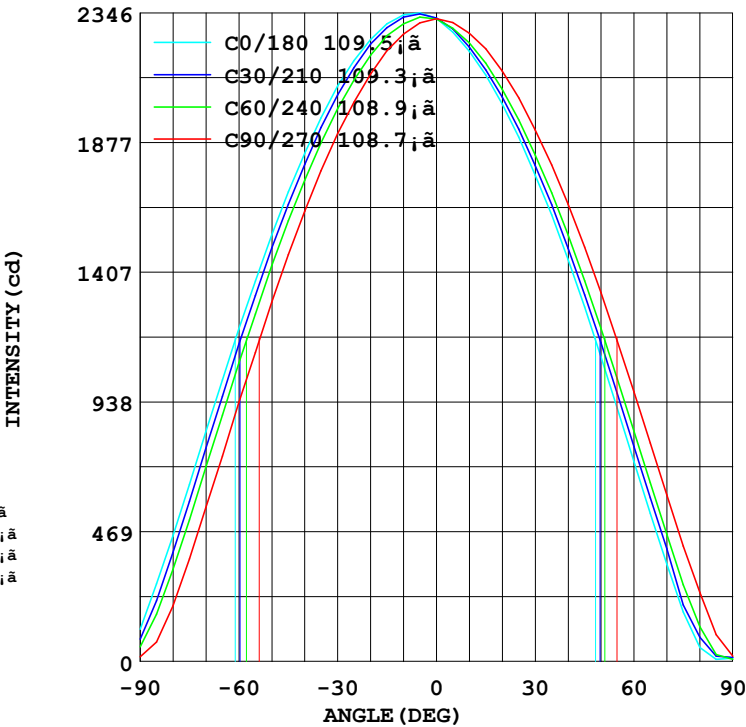
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2346	S/MH (C0/180)	1.32
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	58	TOTAL FLUX (lm)	6393.6	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	109.7	Current (A)	0.268
NOMINAL FLUX (lm)	6393.7	η up (%)	0.0	Power (W)	58.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	6288.0	EEI	0.126

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:

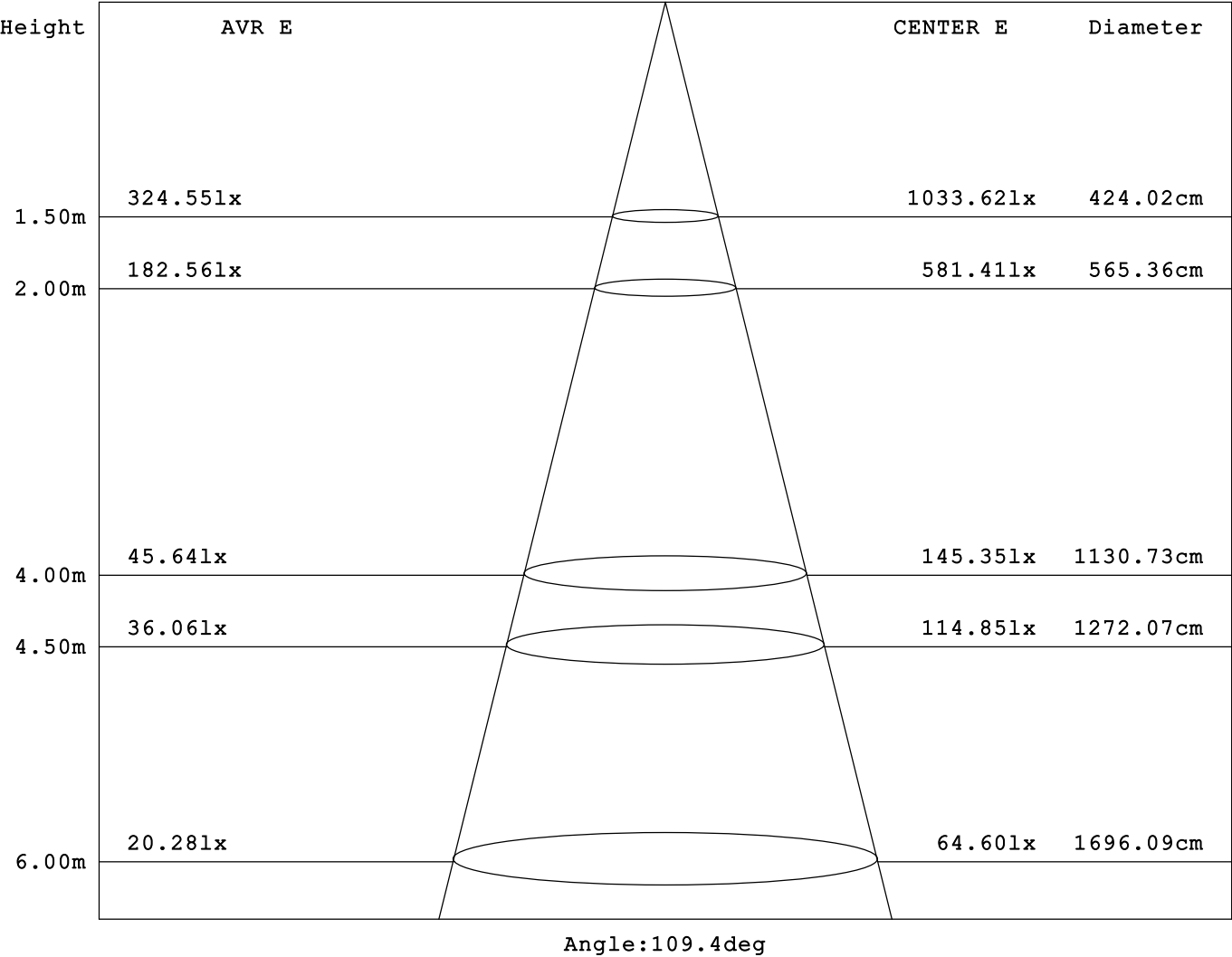
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

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: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2338	2318	2269	2220	2208	2230	2272	2318	0- 10	219.2	219.2
20.0	2249	2212	2124	2042	2017	2056	2135	2216	10- 20	623.8	843.1
30.0	2081	2024	1909	1797	1760	1813	1923	2030	20- 30	936.2	1779
40.0	1837	1768	1627	1497	1454	1518	1654	1781	30- 40	1117	2897
50.0	1543	1463	1299	1152	1101	1178	1334	1482	40- 50	1146	4043
60.0	1202	1112	935.2	781.4	722.3	805.1	975.3	1131	50- 60	1020	5062
70.0	830.8	736.0	555.8	410.5	351.4	433.0	600.6	759.0	60- 70	763.6	5826
80.0	452.9	362.2	199.4	95.62	50.35	106.4	249.2	390.2	70- 80	427.9	6254
90.0	116.1	66.57	17.12	22.36	12.64	10.94	19.36	75.24	80- 90	139.6	6394
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:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

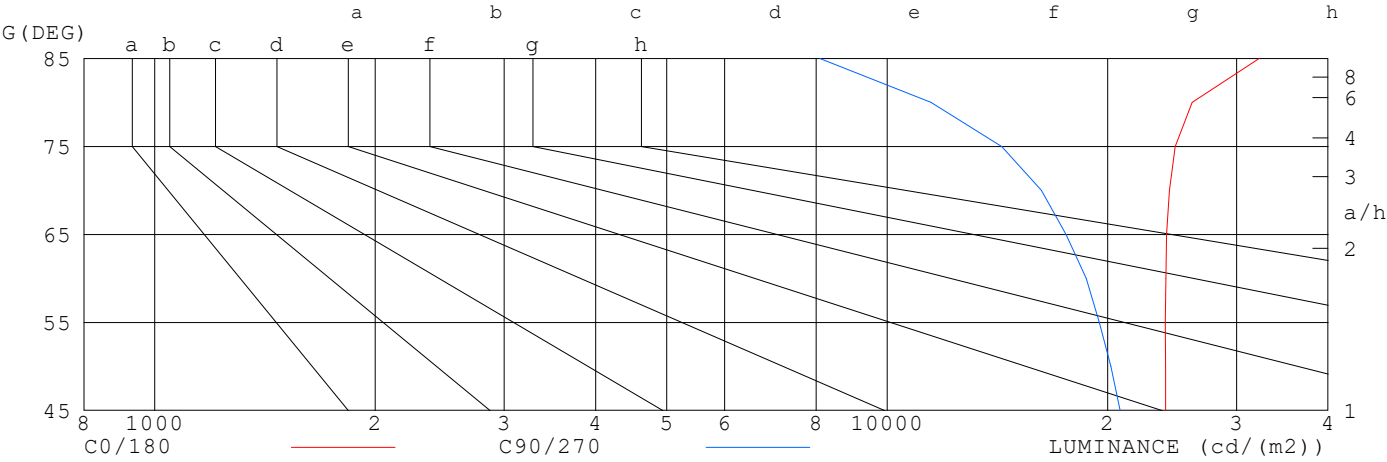
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 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	32189	8099
80	26084	11484
75	24750	14346
70	24293	16253
65	24078	17556
60	24040	18706
55	23975	19487
50	23999	20212
45	24014	20808

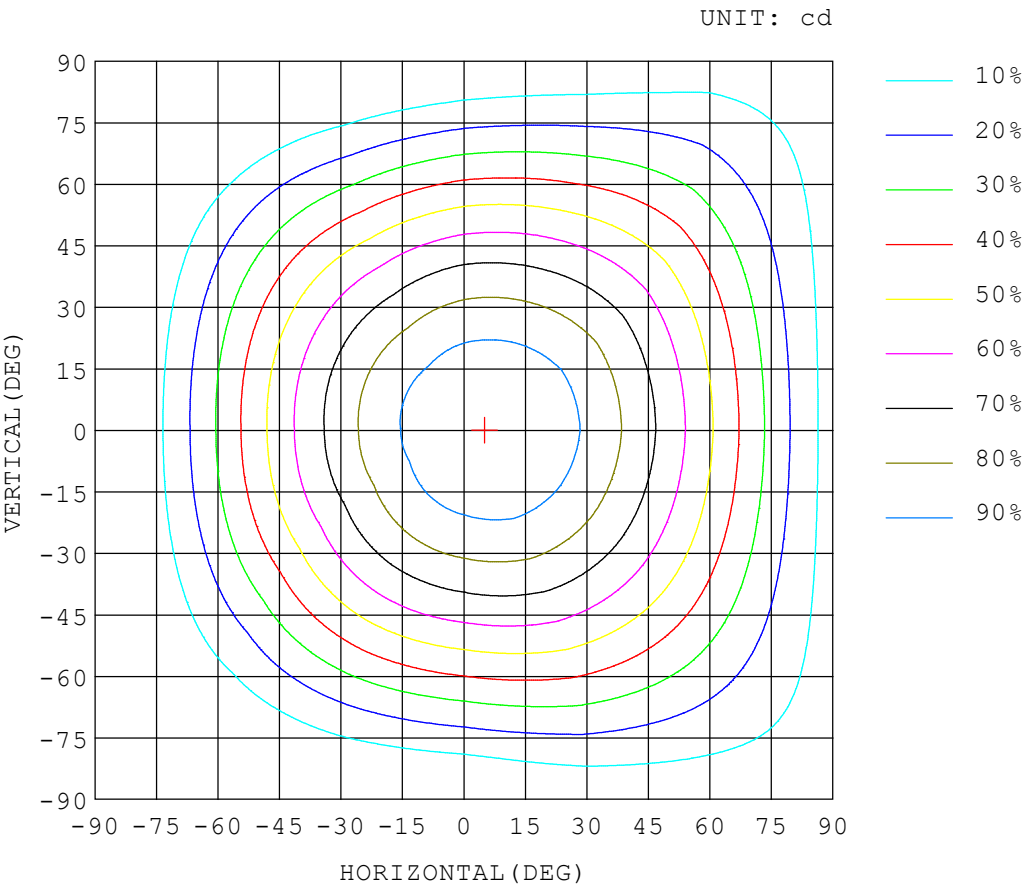
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:



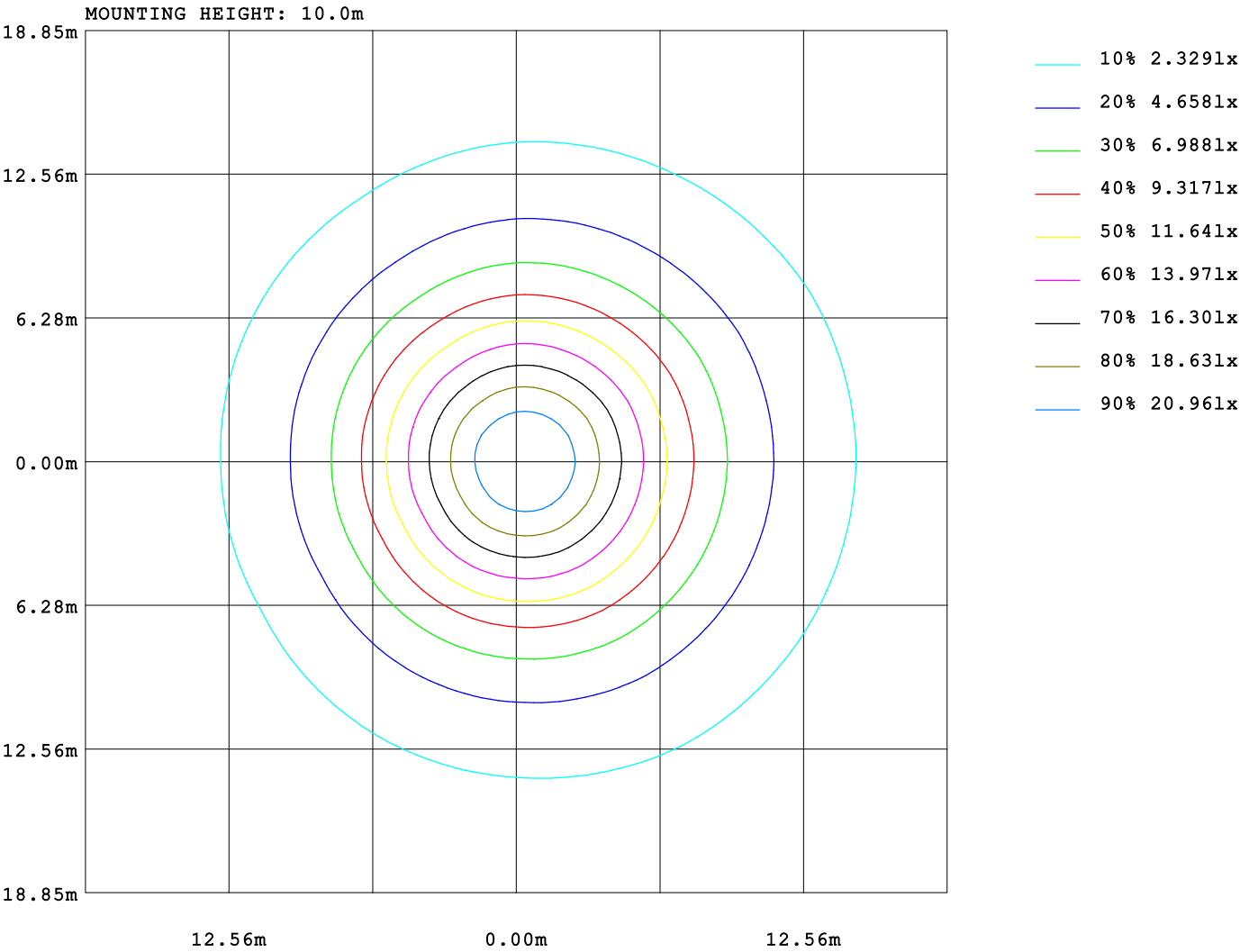
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K



AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: DISC BACKLIT									TYPE: 5700K CRI-90							WEIGHT:				
SPECIFICATION:									DIMENSION: D-700 H-95 MM							SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a							
	0.03	0.11	0.20	0.31	0.50	0.77	1.34	2.25	3.13	3.79	4.14	4.18	4.09	3.83	3.27	2.31	1.23	0.35	35.8	6.97								
90																												
80	0.03	0.12	0.45	1.28	2.71	4.63	7.06	9.75	11.9	13.1	13.1	12.3	10.8	8.91	6.65	4.11	1.90	0.45	110	97.6								
70	0.03	0.24	1.20	3.40	7.06	11.3	15.6	19.8	22.9	24.2	23.7	21.6	18.4	14.4	10.2	5.96	2.58	0.55	204	199								
60	0.03	0.45	2.35	6.56	12.2	18.4	24.4	30.0	33.9	35.4	34.1	30.8	25.9	20.0	13.7	7.75	3.22	0.64	300	298								
50	0.04	0.74	3.78	9.57	16.9	25.1	32.8	39.5	44.1	45.6	43.8	39.4	32.9	25.1	16.9	9.40	3.82	0.72	391	389								
40	0.05	1.03	5.09	12.1	21.1	30.9	40.1	47.8	53.0	54.6	52.3	46.8	39.0	29.6	19.6	10.8	4.33	0.78	469	468								
30	0.06	1.31	6.09	14.1	24.4	35.5	46.0	54.5	60.2	61.9	59.2	52.9	43.8	32.9	21.7	11.9	4.74	0.84	533	532								
	0.07	1.52	6.75	15.4	26.5	38.6	50.1	59.4	65.5	67.3	64.4	57.3	47.0	35.1	23.1	12.7	5.03	0.87	577	577								
	0.07	1.61	7.02	16.0	27.5	40.1	52.0	61.9	68.4	70.2	67.1	59.4	48.6	36.3	23.9	13.1	5.18	0.89	600	599								
	0.07	1.60	6.97	15.9	27.4	39.8	51.7	61.5	68.1	70.3	67.0	59.2	48.4	36.1	23.8	13.0	5.16	0.89	598	597								
	0.07	1.49	6.58	15.1	26.0	37.9	49.2	59.0	65.4	67.3	64.3	56.9	46.5	34.7	22.9	12.5	4.97	0.87	572	571								
-30	0.06	1.27	5.83	13.5	23.5	34.5	45.3	54.4	60.0	61.7	59.3	52.6	43.1	32.2	21.3	11.7	4.65	0.82	526	525								
-40	0.05	0.98	4.78	11.3	20.0	30.0	39.8	47.7	52.6	54.2	52.3	46.7	38.4	28.7	19.0	10.5	4.20	0.77	462	461								
-50	0.04	0.67	3.49	8.72	16.0	24.4	32.6	39.3	43.5	45.0	43.7	39.3	32.4	24.3	16.2	9.00	3.66	0.69	384	382								
-60	0.03	0.38	2.13	5.86	11.4	18.0	24.4	29.6	33.0	34.4	33.8	30.8	25.5	19.3	12.9	7.28	3.04	0.61	293	290								
-70	0.03	0.20	0.95	3.04	6.70	11.1	15.6	19.3	21.8	23.1	23.1	21.5	18.1	13.8	9.40	5.42	2.38	0.52	197	192								
-80	0.03	0.11	0.35	1.02	2.55	4.71	7.10	9.23	10.8	11.9	12.5	12.1	10.6	8.31	5.85	3.56	1.72	0.43	103	89.5								
-90	0.04	0.12	0.22	0.38	0.68	1.12	1.62	2.12	2.55	3.15	3.85	4.21	4.04	3.43	2.68	1.88	1.08	0.34	33.5	3.79								
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)												20	30	40	50	60	70	80	90
Φ t	0.84	13.9	64.2	154	274	407	537	648	722	748	722	649	538	408	274	153	62.9	12.0	6394									
Φ a	0.00	4.32	55.8	146	266	400	530	641	715	742	716	643	533	402	269	149	58.6	8.13		6288								

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

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: 5700K CRI-90

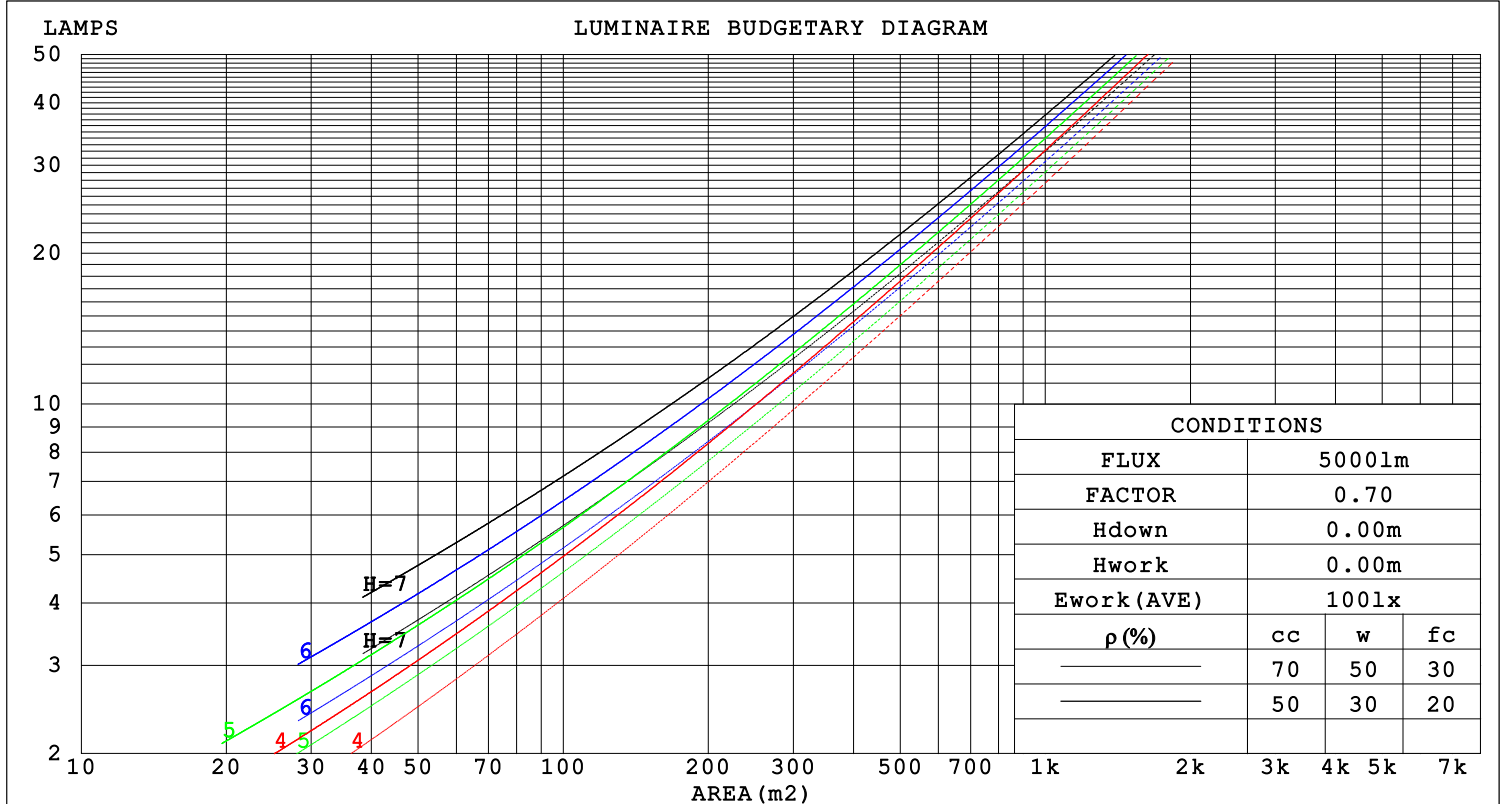
WEIGHT:

SPECIFICATION:

DIMENSION: D-700 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	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.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	.52	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.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	.31	.26	.24



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DISC BACKLIT							TYPE: 5700K CRI-90					WEIGHT:		
SPECIFICATION:							DIMENSION: D-700 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	.310	.176	.056	.303	.173	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050	
2.0	.290	.159	.049	.284	.157	.048	.273	.152	.047	.262	.147	.046	.252	.142	.045	
3.0	.269	.143	.043	.263	.141	.042	.253	.137	.042	.243	.133	.041	.234	.130	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.037	.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	.105	.030	.202	.103	.030	.195	.101	.030	.188	.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	.086	.025	.166	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.161	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.151	.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	.134	.154	.134	.116	.106	.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	.074	.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	.064	.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:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DISC BACKLIT					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION:					DIMENSION: D-700 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	24.4	25.9	24.7	26.1	26.3	23.6	25.1	23.9	25.3	25.5
	3H	26.2	27.6	26.5	27.9	28.1	25.0	26.4	25.3	26.6	26.9
	4H	27.0	28.4	27.4	28.6	28.9	25.5	26.8	25.8	27.1	27.3
	6H	27.8	29.0	28.1	29.3	29.6	25.8	27.0	26.1	27.3	27.6
	8H	28.1	29.3	28.4	29.6	29.9	25.8	27.0	26.1	27.3	27.6
	12H	28.4	29.5	28.7	29.8	30.1	25.8	27.0	26.2	27.3	27.6
4H	2H	25.0	26.3	25.3	26.6	26.8	24.4	25.7	24.7	26.0	26.2
	3H	27.0	28.2	27.4	28.5	28.8	26.0	27.2	26.4	27.5	27.8
	4H	28.0	29.0	28.3	29.4	29.7	26.7	27.7	27.0	28.1	28.4
	6H	28.8	29.8	29.2	30.1	30.5	27.1	28.0	27.5	28.4	28.7
	8H	29.2	30.1	29.6	30.5	30.9	27.2	28.0	27.6	28.4	28.8
	12H	29.6	30.4	30.0	30.8	31.2	27.2	28.0	27.6	28.4	28.8
8H	4H	28.2	29.1	28.6	29.5	29.9	27.1	28.0	27.5	28.4	28.7
	6H	29.3	30.0	29.7	30.4	30.8	27.7	28.5	28.2	28.9	29.3
	8H	29.8	30.4	30.2	30.9	31.3	27.9	28.5	28.4	29.0	29.4
	12H	30.2	30.8	30.7	31.3	31.7	28.0	28.6	28.5	29.0	29.5
12H	4H	28.2	29.1	28.7	29.4	29.8	27.2	28.0	27.6	28.4	28.8
	6H	29.3	30.0	29.8	30.4	30.9	27.9	28.5	28.3	28.9	29.4
	8H	29.9	30.5	30.4	30.9	31.4	28.1	28.7	28.6	29.1	29.6
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H		+ 0.1 / - 0.2					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 6394 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 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	78	72	87	78	71	84	76	70	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	95	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		

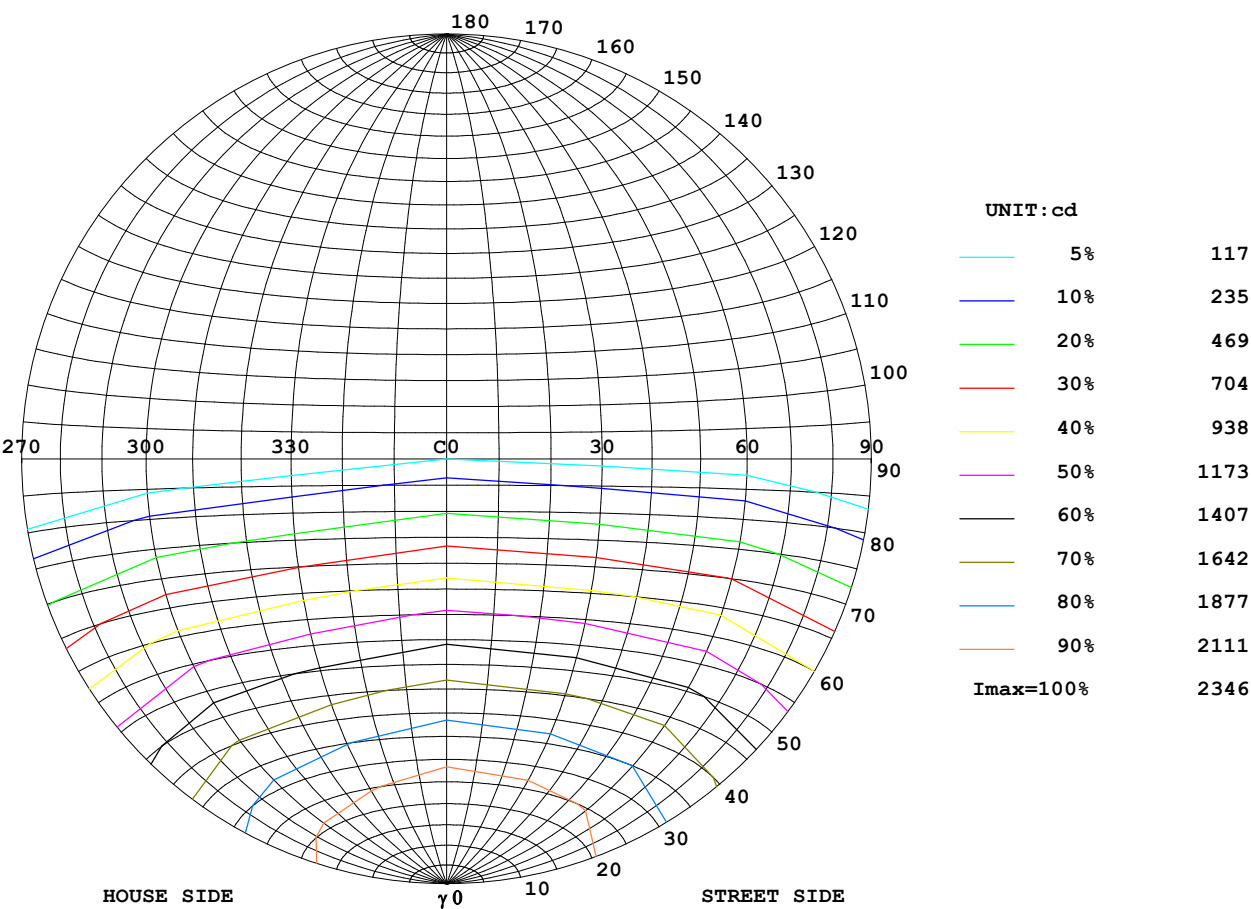
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

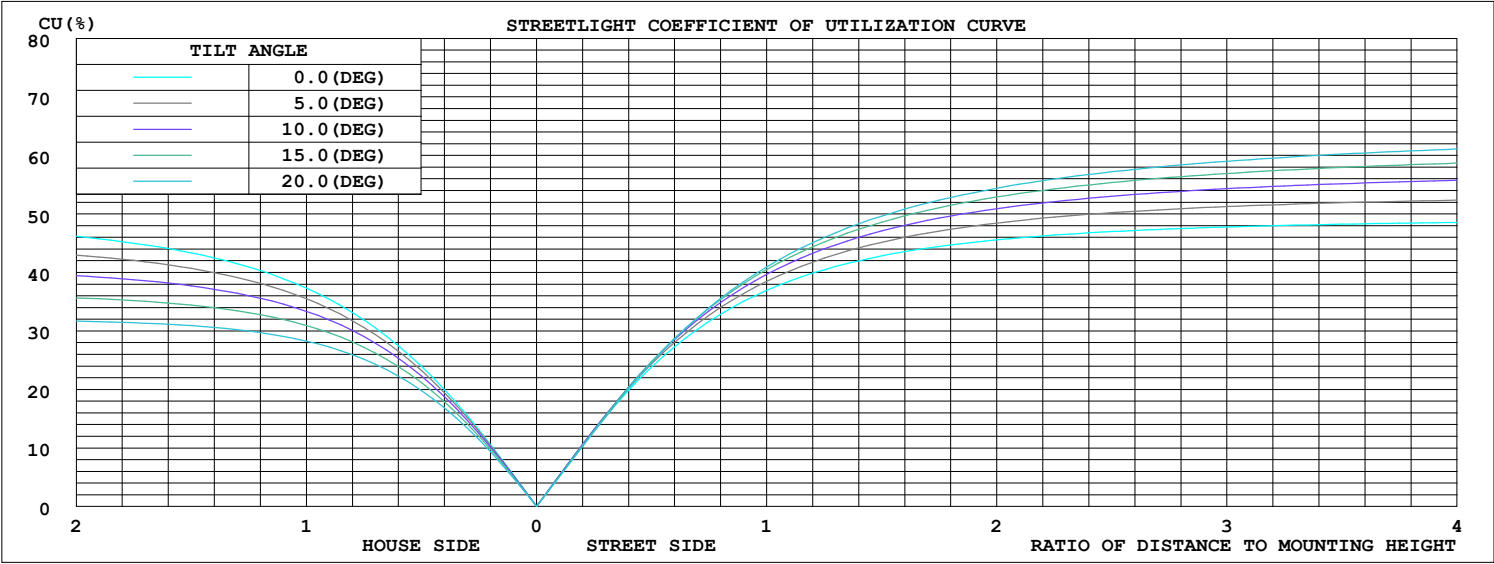
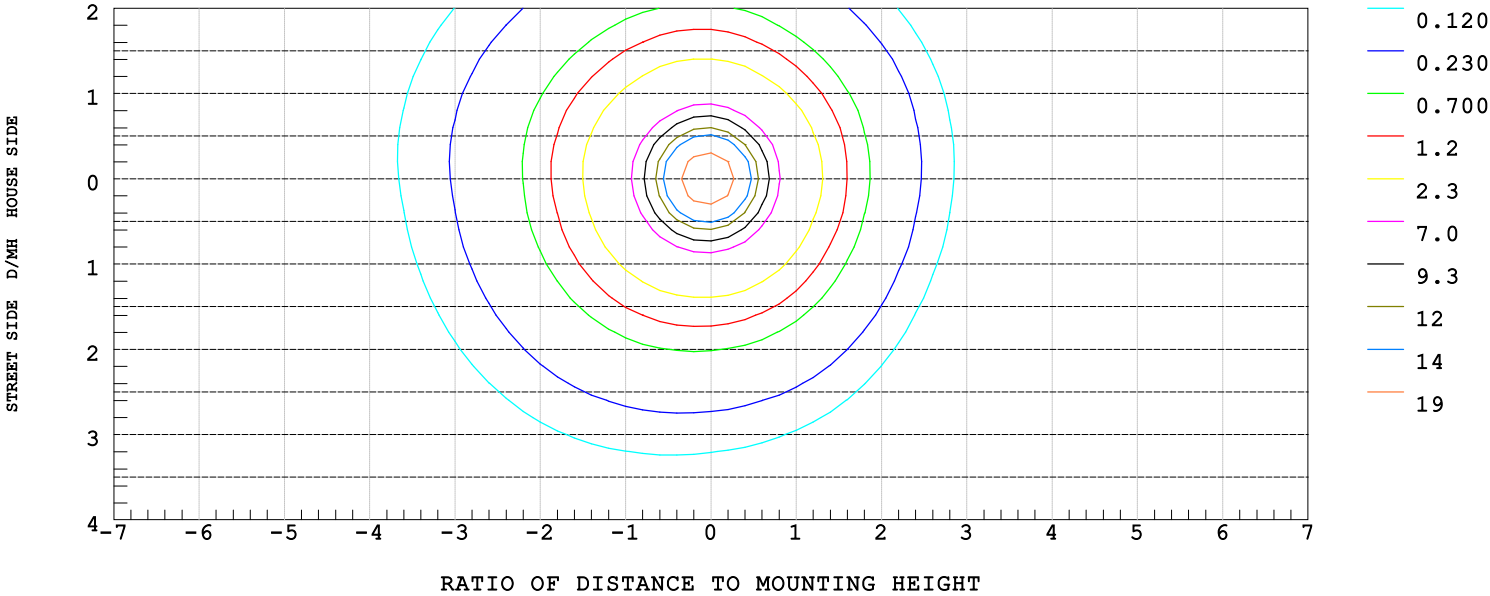
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 23.26 lx



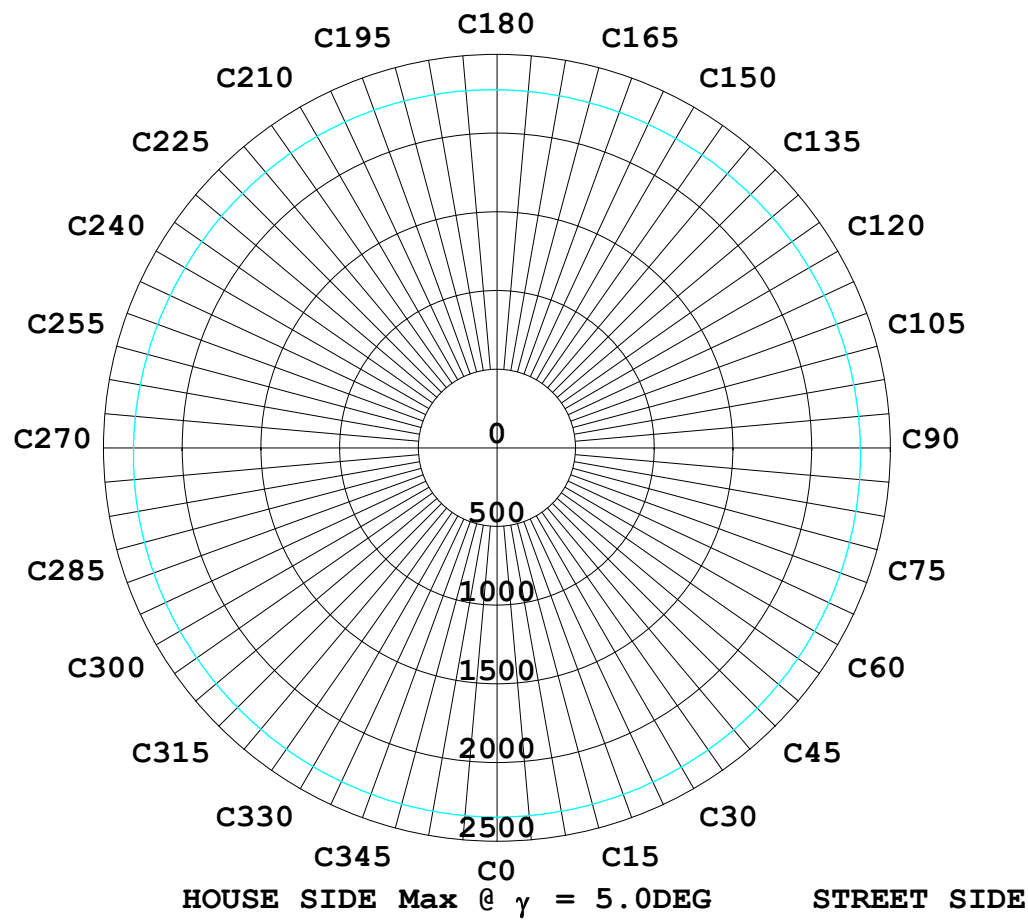
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-700 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	2326	2327	2323	2324	2320	2316	2326	2327	2323	2324	2320	2316
5.0	2346	2342	2330	2309	2290	2271	2276	2287	2290	2311	2327	2338
10.0	2338	2330	2306	2269	2236	2204	2208	2223	2237	2272	2305	2330
15.0	2306	2292	2262	2208	2164	2117	2121	2139	2163	2216	2257	2298
20.0	2249	2232	2192	2124	2072	2012	2017	2042	2069	2135	2188	2244
25.0	2173	2147	2102	2022	1962	1891	1896	1925	1958	2038	2100	2163
30.0	2081	2049	1999	1909	1837	1758	1760	1794	1832	1923	1992	2068
35.0	1965	1931	1876	1774	1697	1608	1615	1651	1695	1796	1872	1957
40.0	1837	1797	1740	1627	1545	1449	1454	1494	1543	1654	1734	1828
45.0	1698	1653	1594	1471	1382	1279	1282	1325	1376	1499	1586	1686
50.0	1543	1495	1431	1299	1206	1098	1101	1152	1204	1334	1427	1536
55.0	1375	1323	1256	1118	1024	911	915	968	1021	1157	1254	1368
60.0	1202	1146	1078	935	840	723	722	777	833	975	1071	1190
65.0	1018	959	890	742	648	534	535	592	646	789	889	1012
70.0	831	771	701	556	465	356	351	407	459	601	698	821
75.0	641	579	513	371	289	186	179	204	277	417	509	630
80.0	453	393	332	199	134	57.7	50.3	86.9	126	249	333	447
85.0	281	219	171	70.5	44.5	16.5	8.09	18.7	24.4	97.1	165	271
90.0	116	80.0	53.1	17.1	24.8	19.8	12.6	14.4	7.44	19.3	40.9	110

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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