

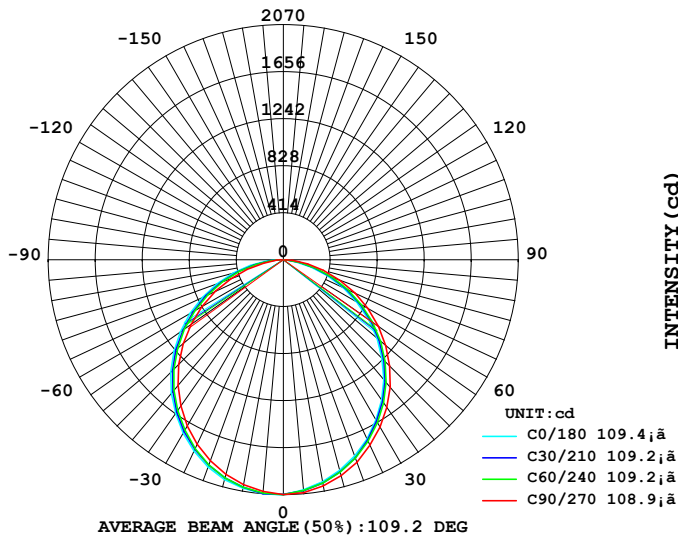
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

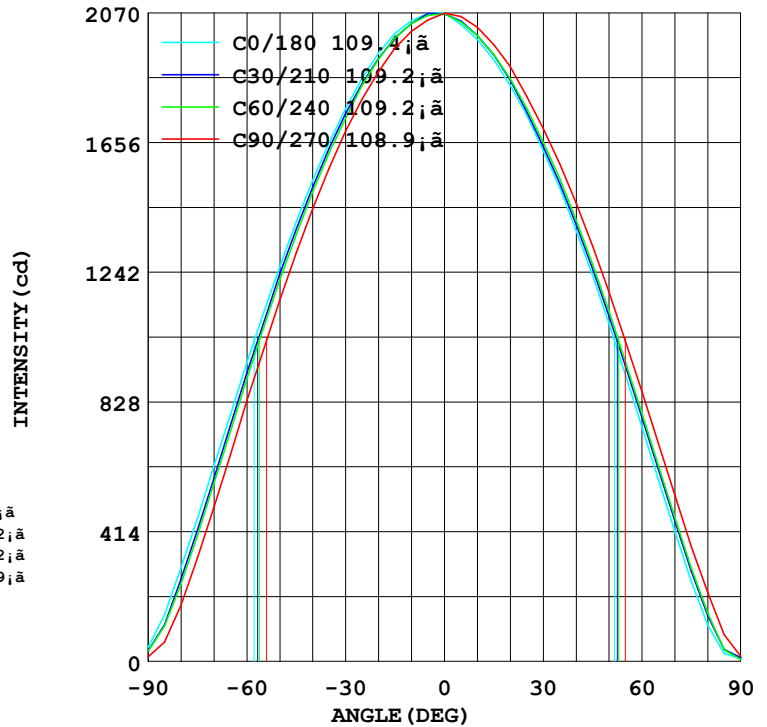
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2070	S/MH (C0/180)	1.27
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.22
NOMINAL POWER (W)	70	TOTAL FLUX (lm)	5637.2	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	79.6	Current (A)	0.318
NOMINAL FLUX (lm)	5637.3	η up (%)	0.0	Power (W)	70.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	5536.8	EEI	0.174

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-19-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.300 m
 Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

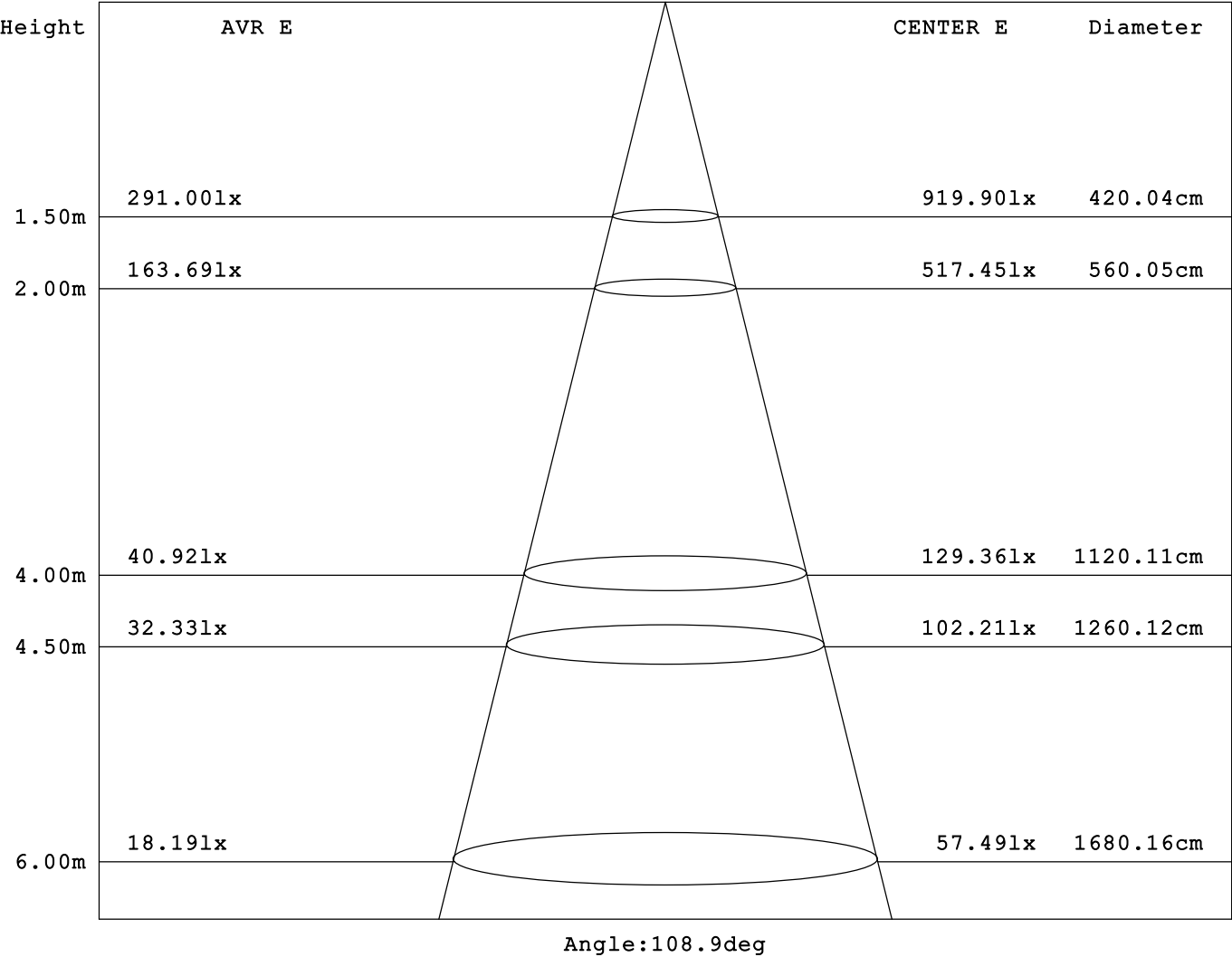
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 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: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2044	2035	2011	1992	1985	1998	2024	2039	0- 10	194.8	194.8
20.0	1942	1923	1883	1848	1839	1858	1899	1932	10- 20	553.5	748.3
30.0	1764	1741	1692	1640	1631	1651	1702	1749	20- 30	829.3	1578
40.0	1536	1506	1445	1385	1376	1403	1463	1519	30- 40	988.8	2567
50.0	1260	1226	1152	1087	1079	1110	1179	1245	40- 50	1014	3581
60.0	951.7	910.1	830.3	763.3	747.4	785.1	861.5	929.4	50- 60	902.6	4483
70.0	622.5	574.8	490.7	429.3	413.9	453.5	530.1	597.9	60- 70	674.1	5158
80.0	297.8	253.4	178.6	127.6	114.8	149.2	218.9	277.5	70- 80	374.8	5532
90.0	45.82	33.43	14.97	18.75	9.965	8.979	15.93	31.09	80- 90	104.7	5637
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:06-19-2025

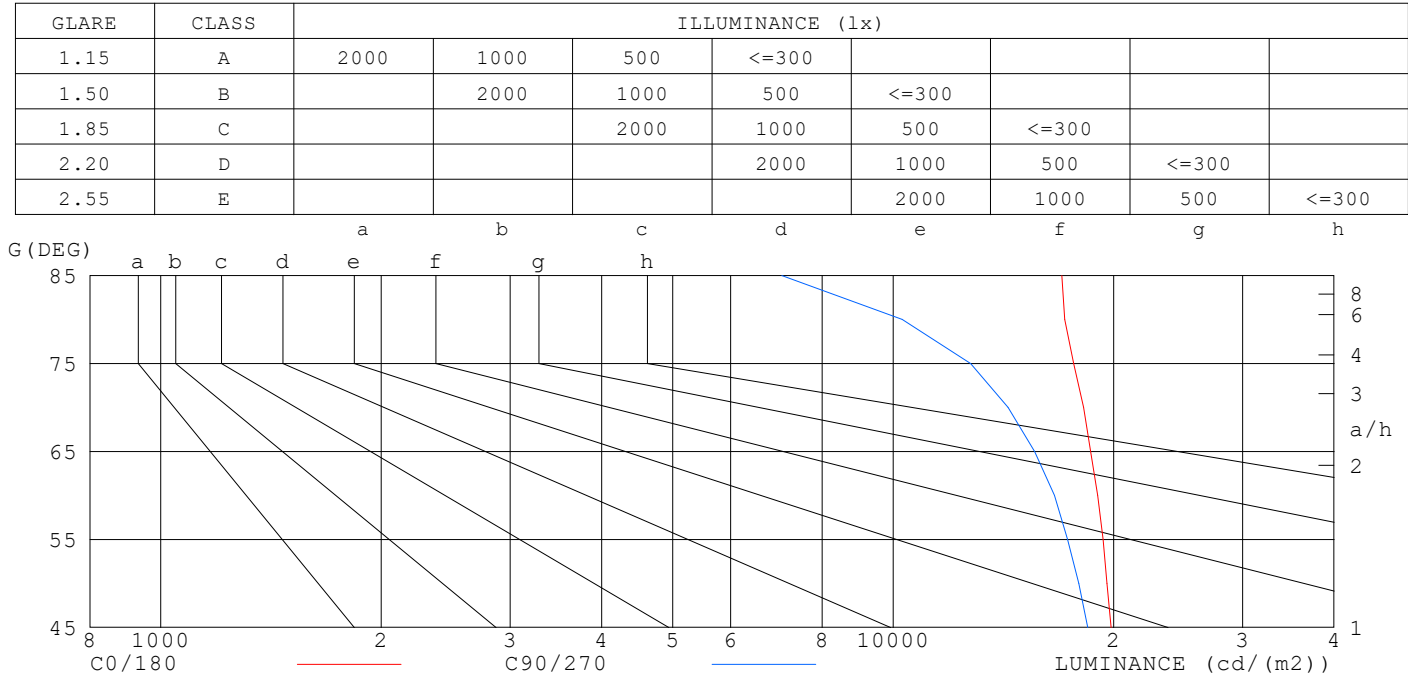
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	16998	7050
80	17155	10287
75	17635	12764
70	18202	14348
65	18609	15607
60	19034	16606
55	19357	17310
50	19598	17927
45	19854	18444

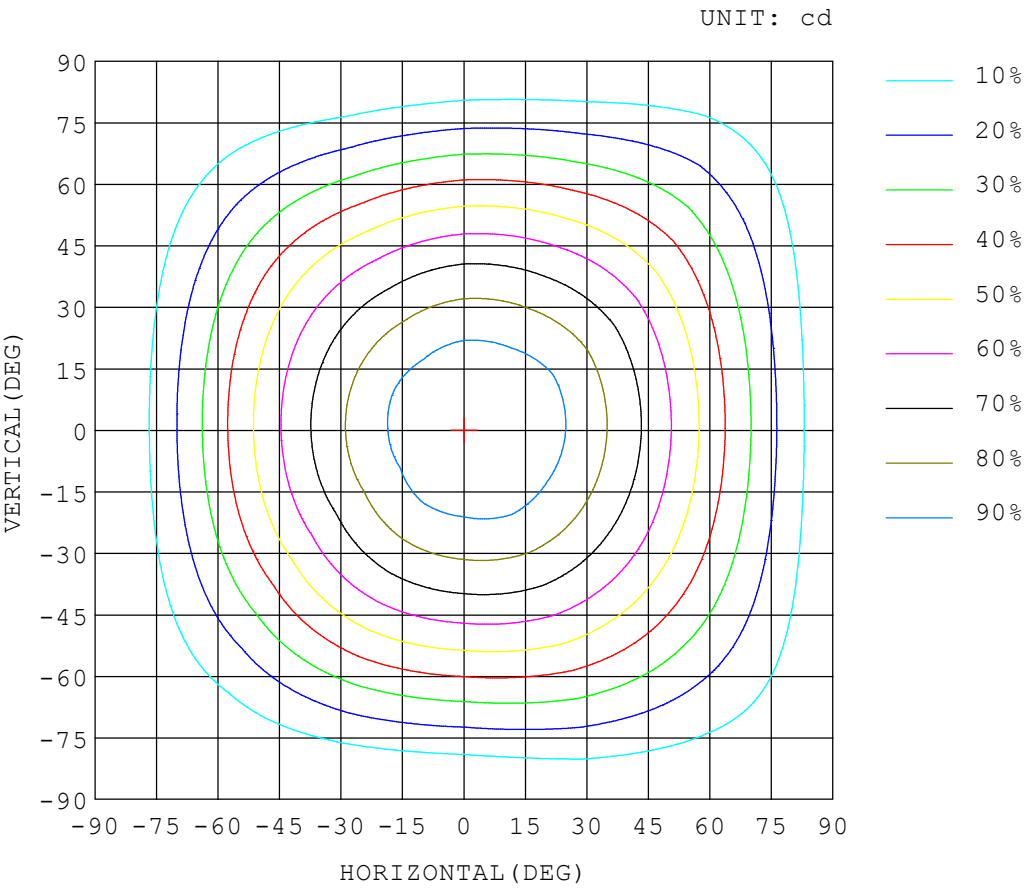
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:



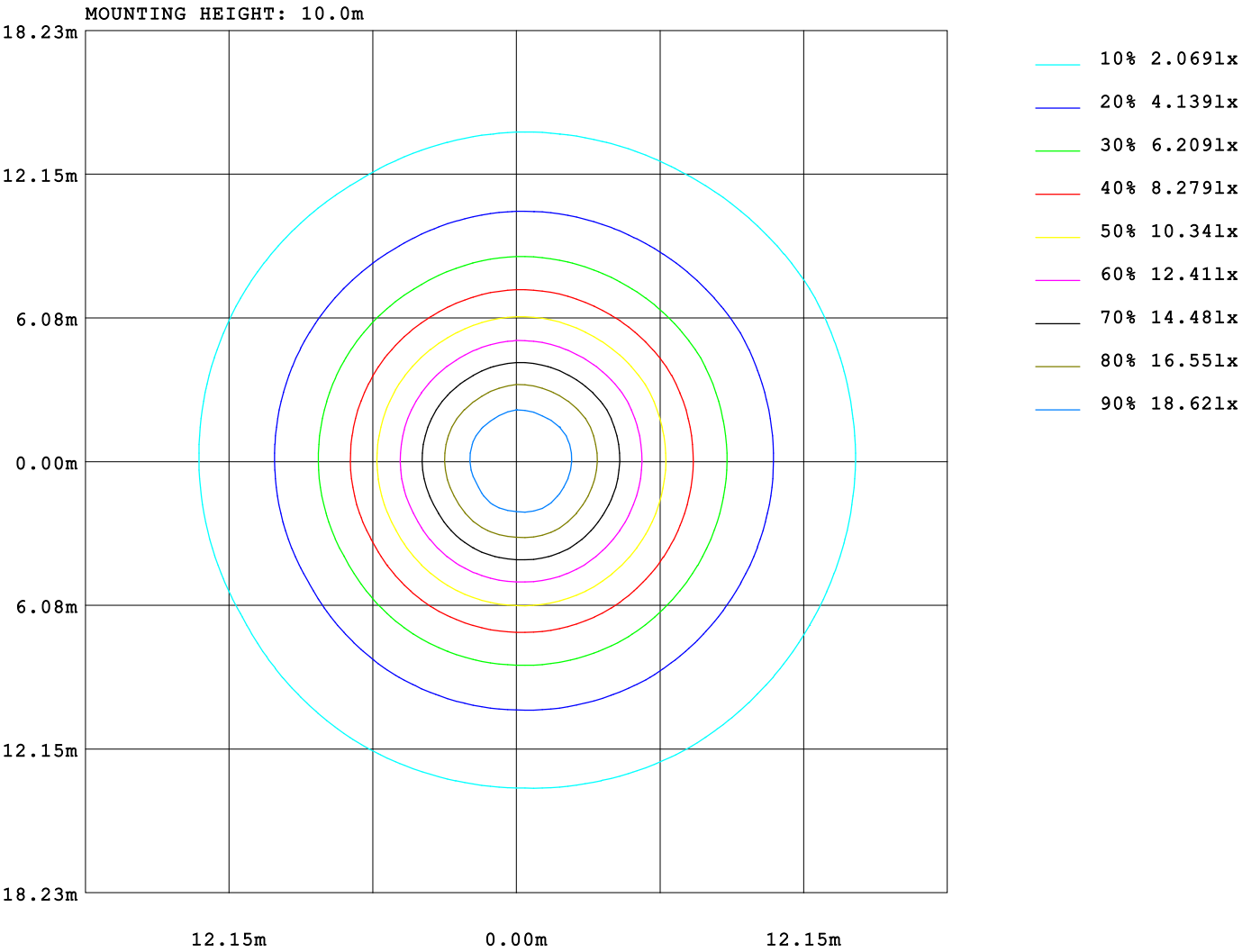
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: DISC BACKLIT									TYPE: 3000K CRI-90							WEIGHT:				
SPECIFICATION:									DIMENSION: D-900 H-95 MM							SERIAL No.:				

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.13	0.29	0.48	0.74	1.05	1.54	2.23	2.83	3.14	3.12	2.89	2.58	2.19	1.70	1.11	0.56	0.15	26.8	1.18		
80	0.04	0.23	0.84	2.03	3.63	5.43	7.39	9.36	10.8	11.3	10.8	9.70	8.16	6.38	4.43	2.46	1.00	0.21	94.3	81.6		
70	0.05	0.49	1.96	4.60	7.95	11.6	15.1	18.4	20.5	21.1	20.1	17.7	14.7	11.1	7.51	4.09	1.53	0.27	179	175		
60	0.07	0.85	3.29	7.40	12.5	17.9	23.0	27.5	30.3	30.9	29.3	25.8	21.2	15.9	10.5	5.61	2.09	0.33	265	263		
50	0.09	1.23	4.60	10.0	16.8	23.9	30.5	36.0	39.4	40.0	37.8	33.4	27.4	20.4	13.3	7.03	2.60	0.39	345	344		
40	0.12	1.58	5.75	12.3	20.5	29.1	37.0	43.3	47.3	48.0	45.3	40.0	32.7	24.3	15.6	8.26	3.03	0.44	415	414		
30	0.14	1.87	6.67	14.1	23.4	33.2	42.2	49.3	53.7	54.5	51.4	45.3	37.0	27.2	17.5	9.22	3.37	0.49	471	470		
VERTICAL (DEG)	0.15	2.07	7.29	15.4	25.4	36.0	45.9	53.7	58.5	59.3	56.1	49.2	39.7	29.1	18.7	9.88	3.61	0.52	511	510		
	0.16	2.16	7.57	16.0	26.4	37.4	47.7	56.1	61.1	62.1	58.5	51.0	41.0	30.0	19.3	10.2	3.72	0.53	531	531		
	0.16	2.15	7.52	15.9	26.2	37.2	47.5	55.7	61.0	61.9	58.1	50.7	40.8	29.9	19.2	10.1	3.71	0.53	529	528		
	0.15	2.02	7.13	15.1	25.0	35.5	45.2	53.4	58.5	59.3	55.8	48.6	39.2	28.7	18.4	9.73	3.56	0.51	506	506		
-30	0.13	1.80	6.42	13.7	22.7	32.4	41.7	49.2	53.6	54.4	51.4	44.9	36.2	26.5	17.0	8.99	3.29	0.48	465	465		
-40	0.11	1.48	5.42	11.7	19.6	28.4	36.7	43.3	47.0	47.7	45.3	39.8	32.1	23.5	15.1	7.94	2.92	0.43	409	408		
-50	0.09	1.12	4.22	9.28	15.9	23.4	30.4	35.8	38.9	39.6	37.7	33.3	26.9	19.6	12.6	6.65	2.46	0.38	339	337		
-60	0.06	0.74	2.90	6.60	11.7	17.5	23.0	27.2	29.6	30.2	29.0	25.8	20.9	15.2	9.77	5.19	1.95	0.32	258	256		
-70	0.05	0.42	1.60	3.93	7.38	11.3	15.0	17.9	19.6	20.2	19.6	17.7	14.4	10.5	6.78	3.63	1.40	0.26	172	168		
-80	0.04	0.20	0.65	1.61	3.22	5.23	7.25	8.83	9.85	10.3	10.3	9.59	7.97	5.88	3.81	2.09	0.90	0.20	88.1	72.8		
-90	0.03	0.13	0.27	0.47	0.82	1.28	1.73	2.08	2.33	2.61	2.90	2.95	2.63	2.03	1.42	0.93	0.51	0.14	25.3	0.00		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	1.69	20.7	74.4	161	270	389	500	590	645	657	623	549	446	329	213	113	42.2	6.58	5637			
Φ a	0.00	12.2	67.8	155	264	383	494	584	640	652	618	543	441	324	208	108	36.8	2.17		5537		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

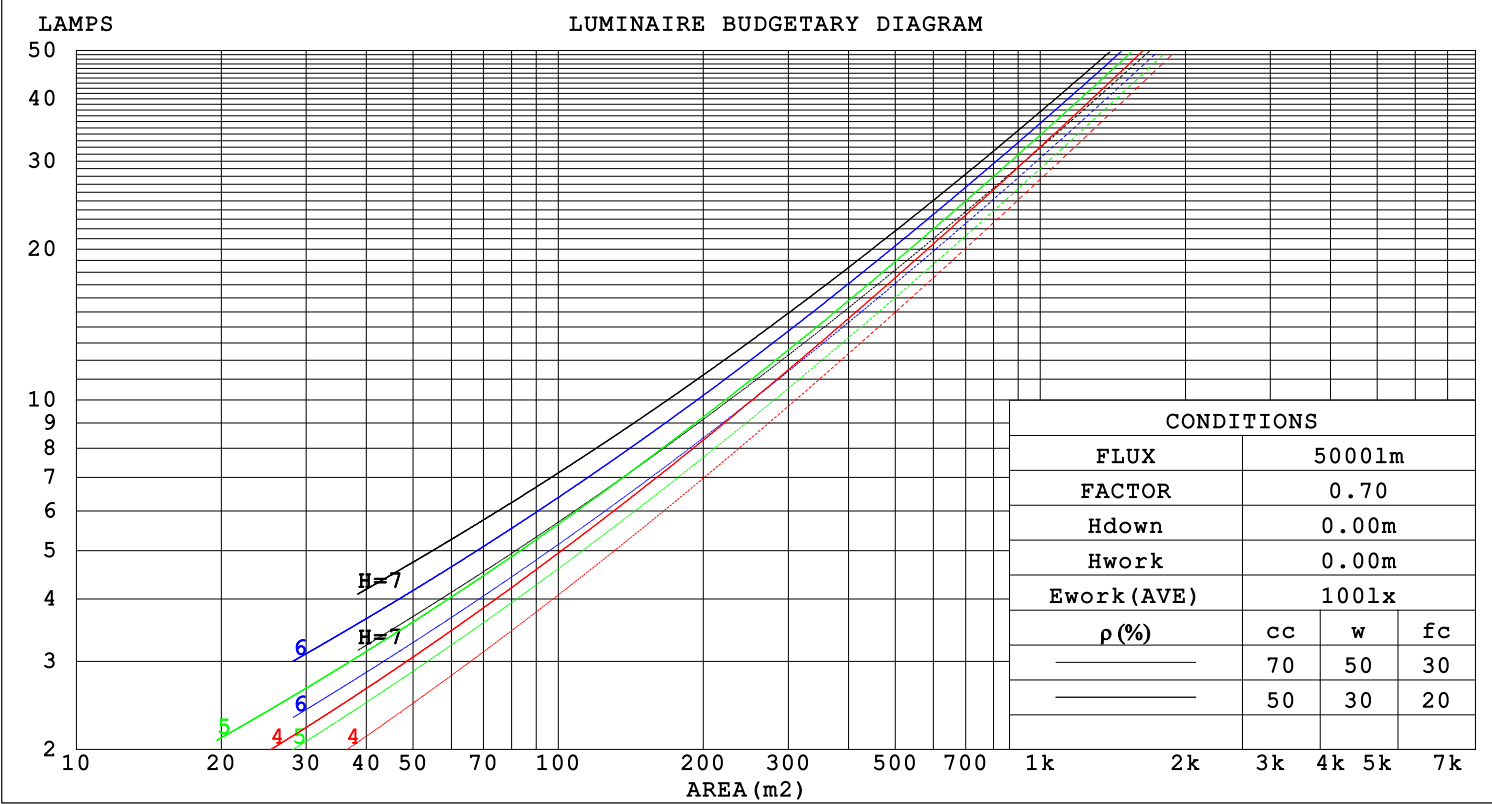
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: DISC BACKLIT								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION:								DIMENSION: D-900 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
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	1.04	.00	.96	1.02	.98	.94	.98	.94	.91	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.48	.62	.54	.47	.60	.53	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.48	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.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	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.25



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DISC BACKLIT							TYPE: 3000K CRI-90					WEIGHT:		
SPECIFICATION:							DIMENSION: D-900 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	.306	.174	.055	.299	.171	.054	.286	.164	.052	.274	.158	.051	.262	.152	.049	
2.0	.289	.158	.049	.282	.156	.048	.271	.150	.047	.260	.146	.046	.250	.141	.045	
3.0	.267	.142	.043	.262	.140	.042	.252	.136	.041	.242	.133	.041	.233	.129	.040	
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.116	.034	.224	.115	.034	.216	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.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	.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	.156	.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	.122	.064	.025	.105	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DISC BACKLIT					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION:					DIMENSION: D-900 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	23.4	24.9	23.6	25.1	25.3	23.0	24.5	23.2	24.7	24.9
	3H	25.0	26.4	25.3	26.6	26.9	24.4	25.8	24.7	26.0	26.2
	4H	25.7	27.0	26.0	27.3	27.5	24.9	26.2	25.2	26.4	26.7
	6H	26.2	27.5	26.6	27.7	28.0	25.1	26.4	25.5	26.7	26.9
	8H	26.4	27.6	26.7	27.9	28.2	25.1	26.4	25.5	26.6	26.9
	12H	26.5	27.7	26.9	28.0	28.3	25.1	26.3	25.5	26.6	26.9
4H	2H	24.0	25.3	24.3	25.5	25.8	23.7	25.0	24.0	25.2	25.5
	3H	25.8	26.9	26.1	27.2	27.5	25.3	26.4	25.6	26.7	27.0
	4H	26.6	27.6	26.9	28.0	28.3	25.9	26.9	26.3	27.3	27.6
	6H	27.2	28.2	27.6	28.5	28.9	26.3	27.2	26.7	27.6	27.9
	8H	27.4	28.3	27.8	28.7	29.1	26.3	27.2	26.7	27.6	28.0
	12H	27.6	28.4	28.0	28.8	29.2	26.4	27.2	26.8	27.6	28.0
8H	4H	26.8	27.7	27.2	28.1	28.4	26.2	27.1	26.6	27.5	27.8
	6H	27.6	28.3	28.0	28.7	29.2	26.8	27.5	27.2	27.9	28.3
	8H	27.9	28.5	28.3	28.9	29.4	26.9	27.5	27.3	28.0	28.4
	12H	28.1	28.7	28.6	29.1	29.6	27.0	27.5	27.5	28.0	28.5
12H	4H	26.8	27.6	27.2	28.0	28.4	26.2	27.0	26.7	27.4	27.8
	6H	27.6	28.3	28.1	28.7	29.1	26.8	27.5	27.3	27.9	28.3
	8H	27.9	28.5	28.4	28.9	29.4	27.0	27.5	27.5	28.0	28.5
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		+ 0.2 / - 0.3					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 5637 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 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	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	84	73	66	82	72	66	79	71	65	58
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	79
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		

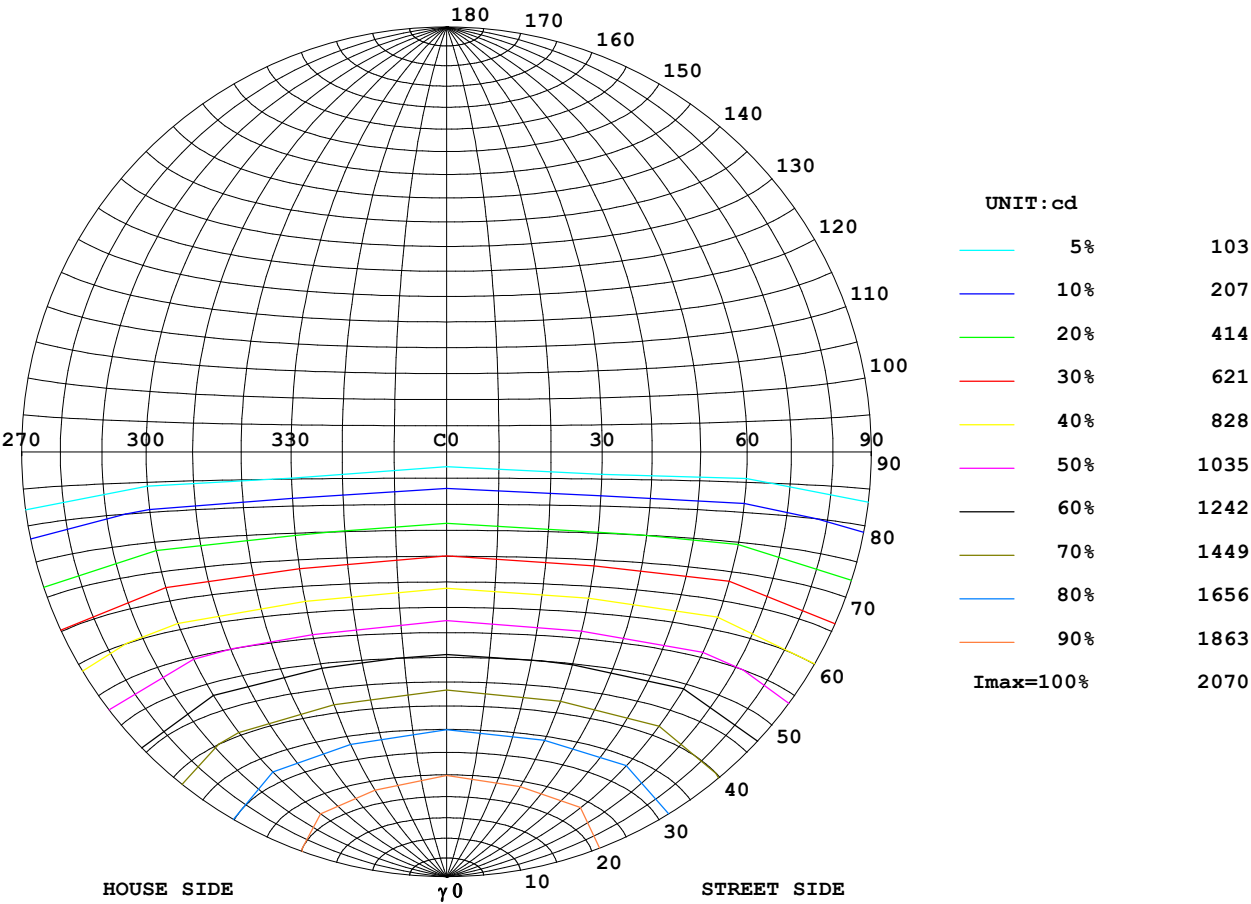
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.300 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

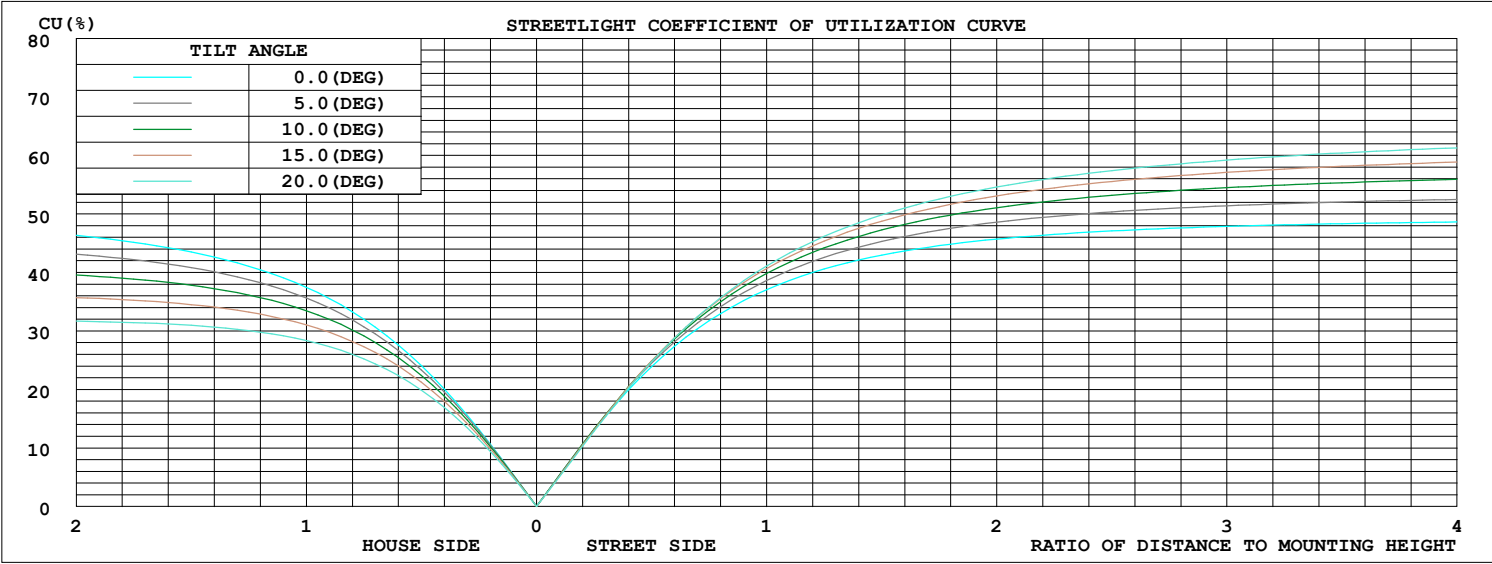
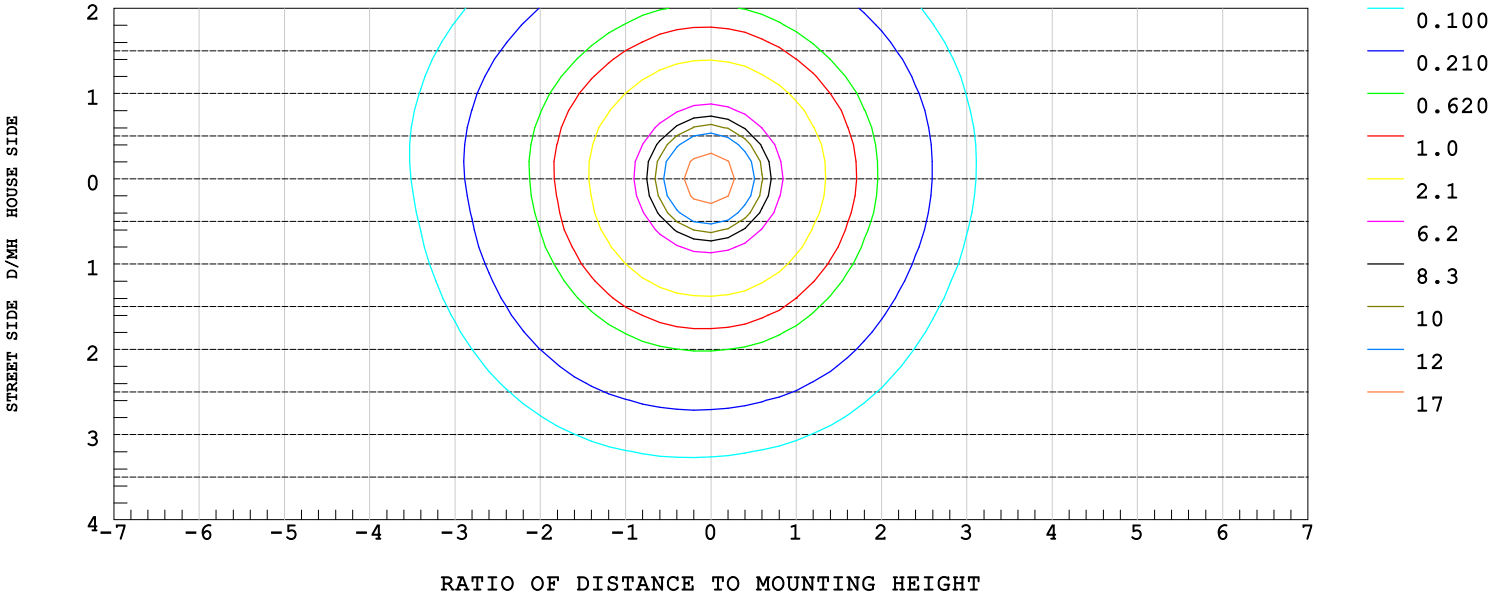
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 20.70 lx



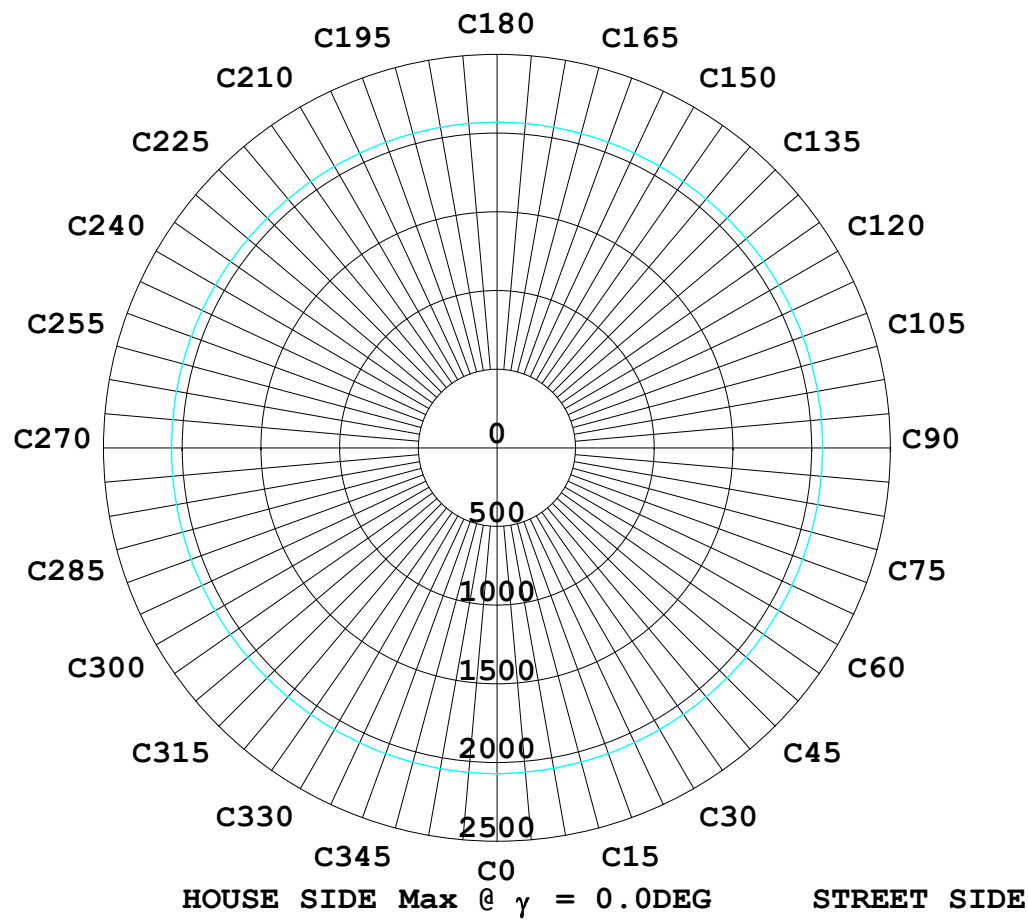
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 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	2070	2066	2068	2068	2069	2066	2070	2066	2068	2068	2069	2066
5.0	2067	2067	2062	2047	2048	2029	2033	2044	2041	2058	2069	2069
10.0	2044	2035	2036	2011	2006	1978	1985	1997	1998	2024	2028	2051
15.0	2003	1990	1990	1957	1946	1915	1920	1936	1936	1969	1979	2011
20.0	1942	1924	1922	1883	1867	1828	1839	1856	1860	1899	1913	1950
25.0	1860	1843	1837	1793	1767	1729	1743	1753	1765	1803	1828	1872
30.0	1764	1749	1733	1692	1661	1619	1631	1644	1658	1702	1728	1771
35.0	1654	1636	1622	1573	1542	1493	1511	1526	1541	1588	1618	1666
40.0	1536	1513	1498	1445	1413	1357	1376	1395	1410	1463	1493	1545
45.0	1404	1380	1362	1304	1270	1213	1230	1252	1266	1325	1358	1414
50.0	1260	1236	1217	1152	1117	1056	1079	1103	1118	1179	1214	1275
55.0	1110	1078	1064	993	961	894	915	944	957	1023	1058	1122
60.0	952	920	901	830	796	731	747	779	791	862	896	963
65.0	786	753	733	660	626	562	581	614	626	697	733	802
70.0	623	582	568	491	462	396	414	448	459	530	564	632
75.0	456	419	402	330	302	244	256	289	299	367	399	465
80.0	298	261	246	179	148	107	115	145	153	219	247	308
85.0	148	117	113	61.4	52.8	28.7	24.8	38.3	37.0	84.9	106	148
90.0	45.8	33.9	32.9	14.9	21.3	16.2	9.96	12.0	5.91	15.9	21.0	41.1

Test System:HOPOO HPG1800
Temperature:25.3DEG
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