

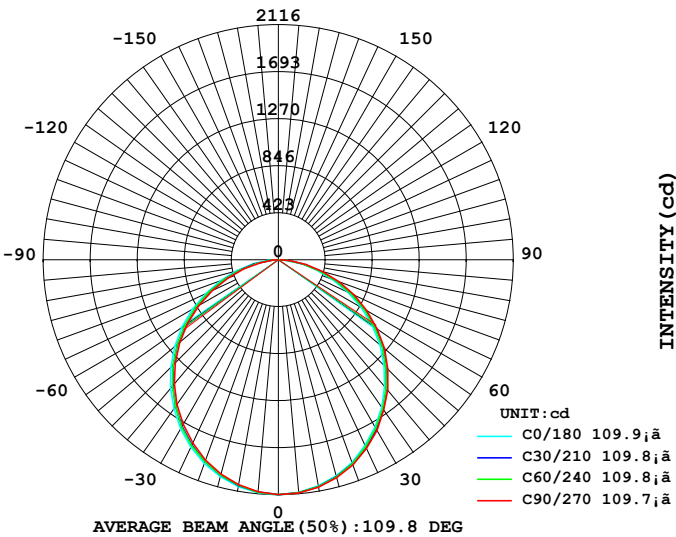
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

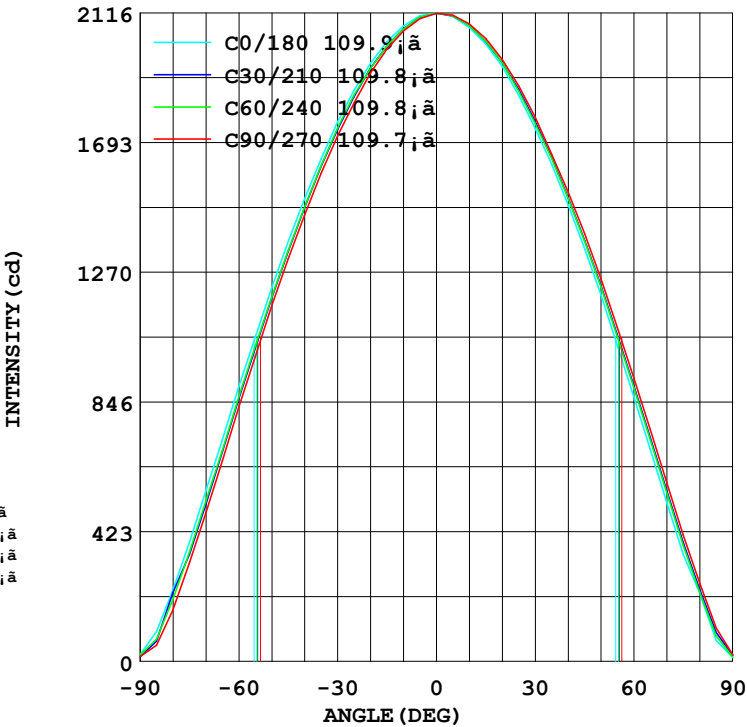
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-1000 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2116	S/MH (C0/180)	1.24
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.21
NOMINAL POWER (W)	78	TOTAL FLUX (lm)	5818.8	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	73.8	Current (A)	0.360
NOMINAL FLUX (lm)	5818.8	η up (%)	0.0	Power (W)	78.84
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.991
TEST VOLTAGE (V)	219.4	Effictive Flux(lm)	5710.0	EEI	0.188

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:

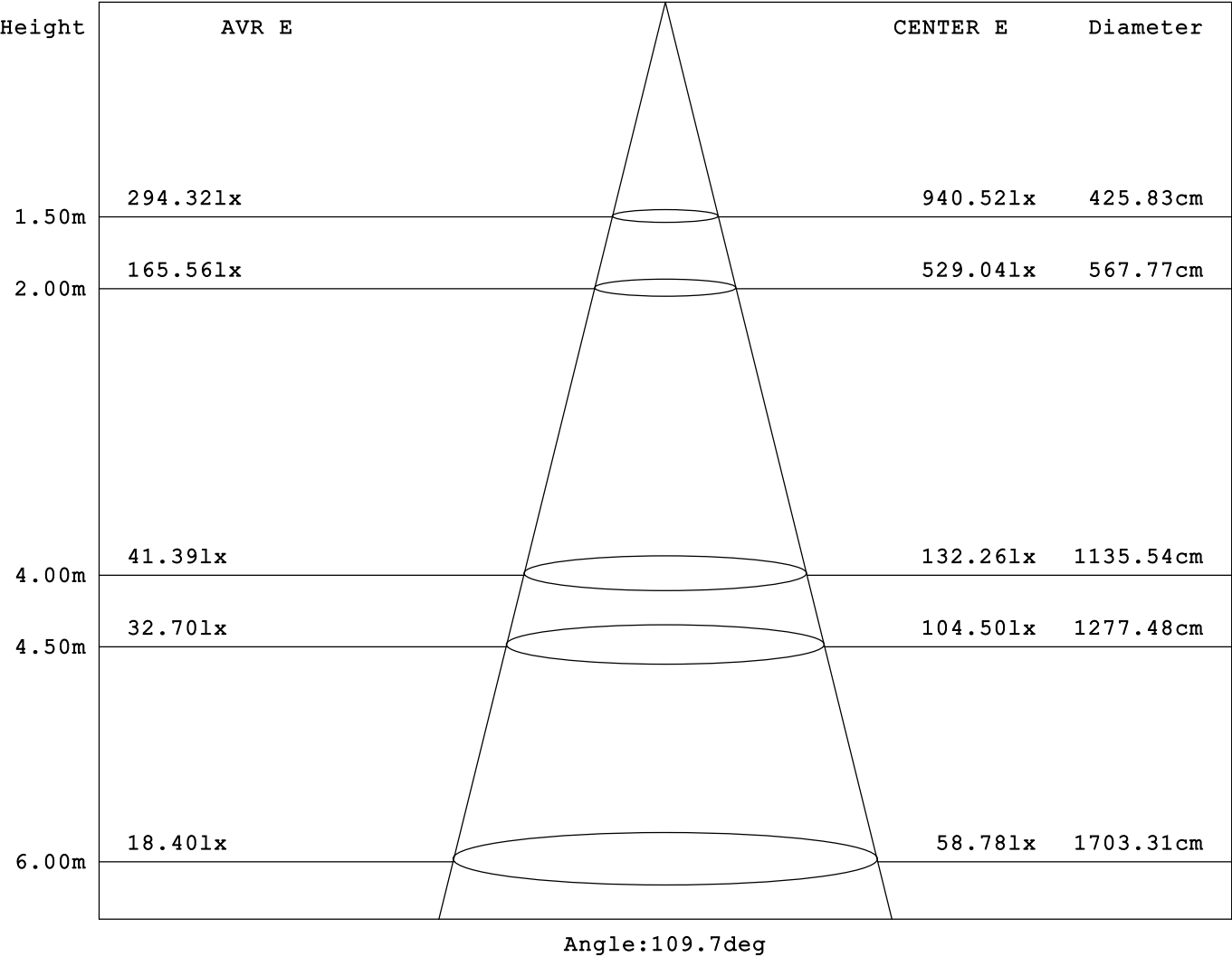
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2073	2064	2058	2053	2069	2075	2080	2079	0- 10	199.5	199.5
20.0	1952	1935	1920	1920	1943	1954	1965	1969	10- 20	568.5	768.1
30.0	1761	1738	1715	1713	1739	1759	1776	1778	20- 30	853.6	1622
40.0	1510	1482	1457	1453	1490	1513	1532	1538	30- 40	1018	2640
50.0	1219	1187	1160	1157	1196	1224	1248	1253	40- 50	1046	3685
60.0	896.0	859.7	829.2	825.6	861.5	895.0	923.4	926.6	50- 60	932.9	4618
70.0	556.0	517.2	483.3	484.0	517.4	552.5	582.4	583.9	60- 70	699.2	5317
80.0	231.7	213.0	167.7	171.5	222.2	228.6	254.4	256.1	70- 80	392.5	5710
90.0	22.09	18.54	15.67	18.79	11.95	16.58	21.75	19.77	80- 90	108.7	5819
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:06-20-2025

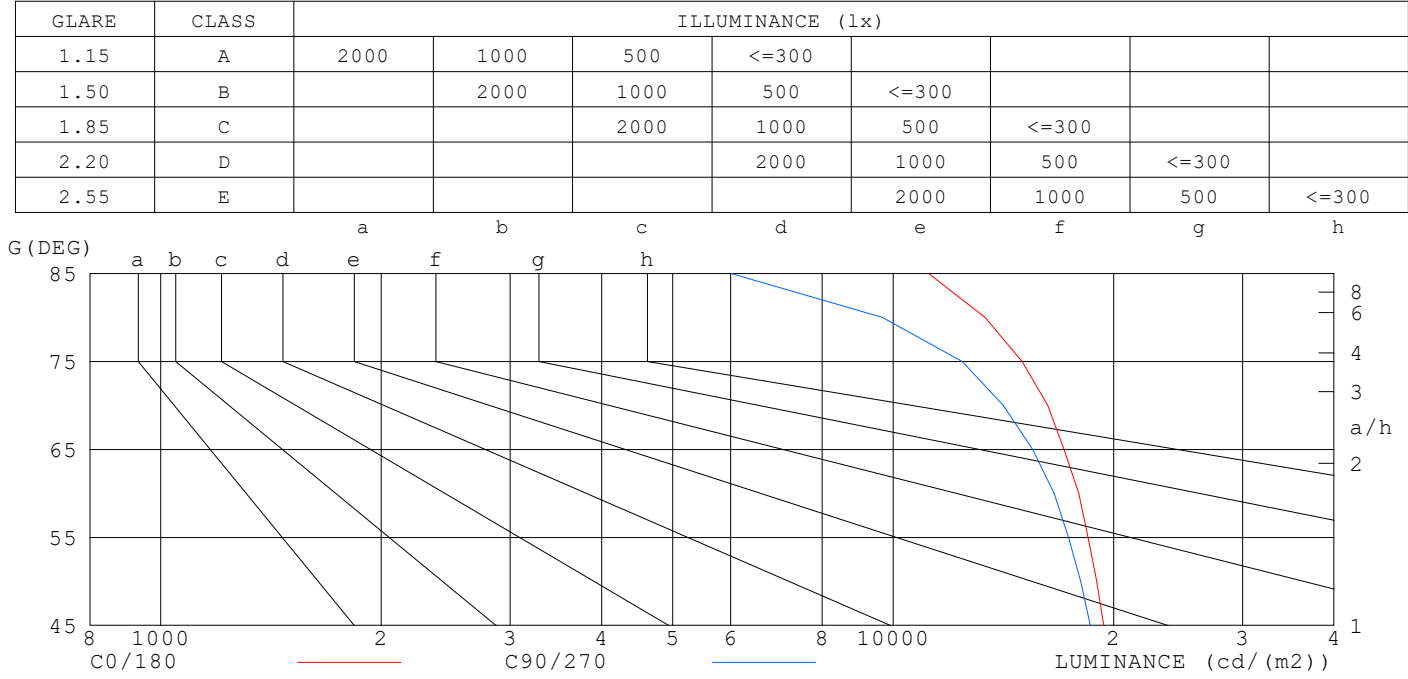
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 m
Remarks: 3000K

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-1000 H-95 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	11188	6010
80	13347	9662
75	15006	12433
70	16258	14133
65	17125	15512
60	17921	16586
55	18461	17355
50	18967	18045
45	19398	18596

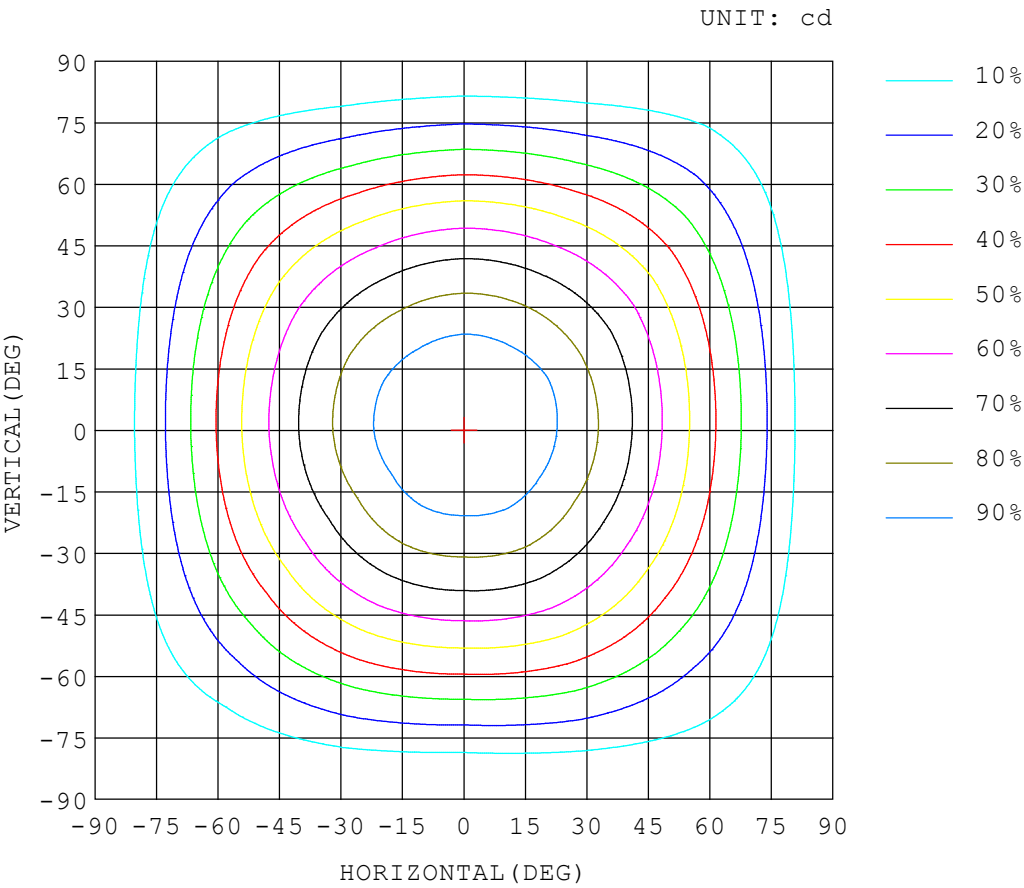
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:



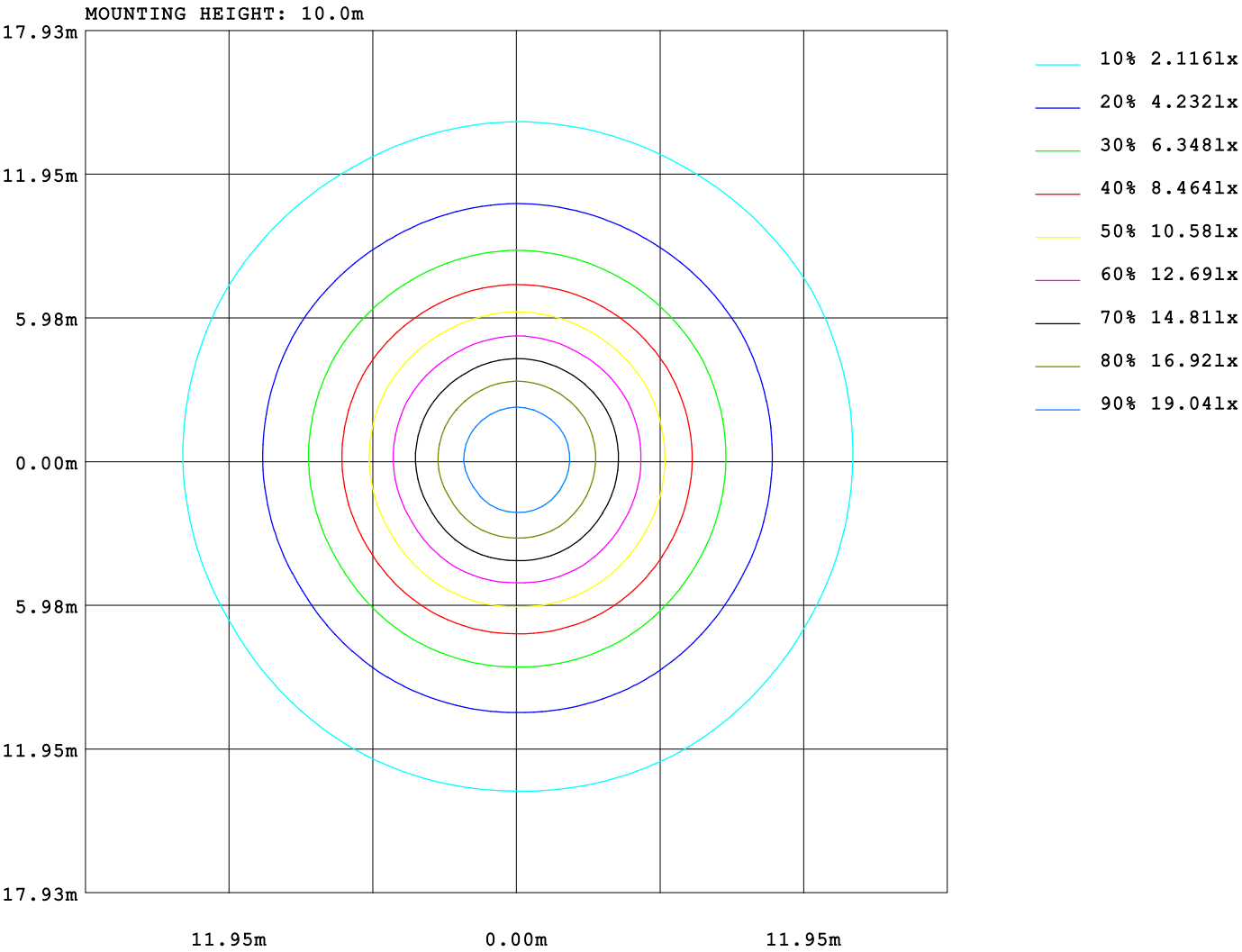
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a								
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90											
	0.05	0.26	0.63	1.07	1.53	2.01	2.56	3.16	3.60	3.67	3.36	2.86	2.36	1.88	1.36	0.83	0.37	0.08	31.7	2.66										
	0.09	0.55	1.65	3.35	5.33	7.37	9.38	11.1	12.3	12.4	11.5	9.89	7.97	5.93	3.89	2.02	0.74	0.13	106	94.4										
	0.13	0.99	3.12	6.26	10.0	13.9	17.6	20.6	22.5	22.6	21.0	18.2	14.6	10.7	6.88	3.51	1.19	0.18	194	191										
	0.16	1.50	4.55	9.25	14.8	20.6	25.8	30.0	32.5	32.7	30.5	26.4	21.3	15.6	9.92	5.00	1.69	0.22	283	281										
	0.21	1.96	5.91	12.0	19.3	26.7	33.4	38.7	41.7	41.9	39.1	34.1	27.5	20.0	12.7	6.40	2.16	0.27	365	363										
	0.26	2.34	7.12	14.4	23.1	32.0	40.0	46.1	49.6	49.8	46.6	40.6	32.8	23.9	15.0	7.61	2.57	0.32	435	434										
	0.30	2.65	8.07	16.2	26.0	36.2	45.3	52.1	56.2	56.3	52.6	45.7	36.9	26.8	16.8	8.55	2.89	0.35	491	490										
	0.32	2.85	8.71	17.4	28.0	38.9	49.0	56.6	60.9	61.0	57.1	49.5	39.5	28.6	18.0	9.16	3.11	0.38	530	529										
	0.34	2.94	8.99	18.0	28.9	40.2	50.7	58.8	63.2	63.3	59.1	51.2	40.7	29.4	18.5	9.43	3.21	0.39	548	547										
	0.33	2.91	8.91	17.8	28.6	39.9	50.1	58.2	62.7	63.0	58.6	50.7	40.4	29.2	18.3	9.35	3.18	0.39	543	543										
	0.31	2.77	8.45	16.9	27.2	37.9	47.6	55.5	59.9	60.1	56.1	48.4	38.6	27.9	17.5	8.91	3.03	0.37	518	517										
	0.28	2.51	7.66	15.4	24.8	34.6	43.8	51.0	54.8	55.0	51.6	44.5	35.4	25.5	16.0	8.14	2.77	0.34	475	474										
	0.24	2.17	6.57	13.3	21.5	30.3	38.4	44.6	47.8	48.0	45.1	39.2	31.1	22.3	14.0	7.07	2.42	0.30	415	414										
	0.19	1.76	5.27	10.7	17.6	25.0	31.8	36.8	39.5	39.6	37.3	32.5	25.8	18.4	11.4	5.77	2.00	0.25	342	341										
	0.14	1.28	3.86	7.89	13.2	18.9	24.1	27.9	29.9	30.1	28.4	24.8	19.7	13.9	8.57	4.37	1.53	0.20	259	257										
	0.11	0.79	2.41	4.99	8.56	12.4	15.9	18.4	19.7	19.9	18.8	16.6	13.1	9.28	5.75	3.00	1.00	0.16	171	167										
	0.08	0.41	1.11	2.32	4.13	6.15	7.96	9.19	9.79	9.92	9.54	8.49	6.82	4.91	3.06	1.48	0.55	0.12	86.0	67.3										
	0.05	0.20	0.40	0.67	1.08	1.58	1.98	2.17	2.22	2.27	2.31	2.17	1.81	1.29	0.82	0.51	0.28	0.08	21.9	0.00										
HORIZONTAL (DEG)																					20	30	40	50	60	70	80	90		
Φ t	3.59	30.9	93.4	188	304	425	536	622	670	672	629	547	437	316	199	101	34.7	4.53	5819											
Φ a	0.00	24.3	87.4	182	298	419	530	616	664	667	624	541	431	311	194	95.6	28.3	0.30		5710										

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

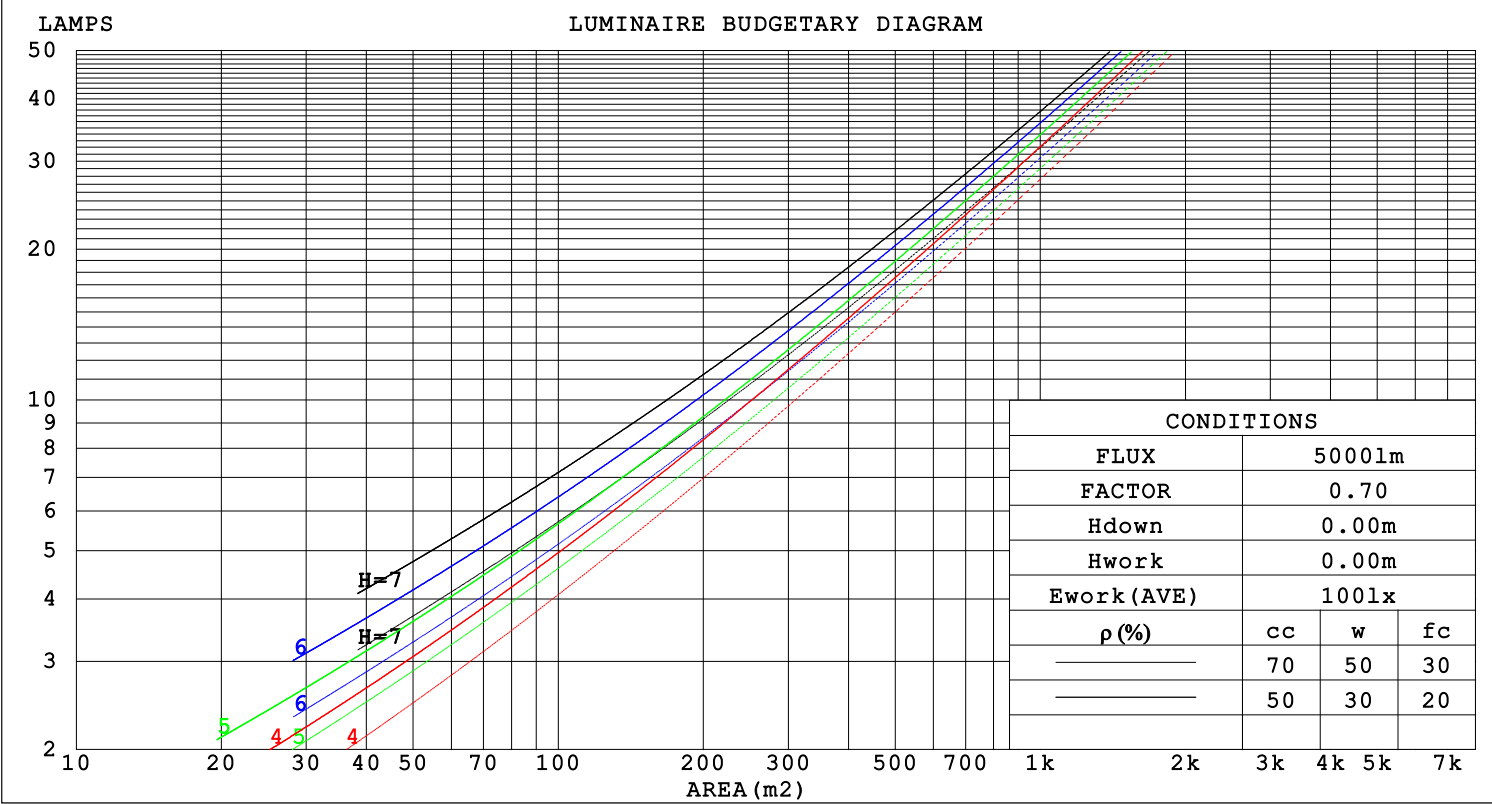
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 m
Remarks: 3000K

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-1000 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	.97	.94	.91	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.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	.53	.50
5.0	.63	.54	.47	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.41	.56	.47	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.42	.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	.29	.43	.35	.29	.41	.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:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)

Humidity:65.0%

Test Distance:7.000 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-1000 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	.164	.053	.275	.158	.051	.263	.153	.049	
2.0	.289	.159	.049	.283	.156	.048	.271	.151	.047	.261	.146	.046	.251	.142	.045	
3.0	.268	.143	.043	.262	.141	.042	.252	.137	.042	.243	.133	.041	.234	.129	.040	
4.0	.247	.129	.038	.243	.127	.038	.233	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.115	.034	.216	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.212	.106	.030	.209	.105	.030	.201	.103	.030	.195	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.171	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.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	.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:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.000 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-1000 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	22.9	24.4	23.2	24.6	24.8	22.7	24.2	23.0	24.4	24.6
	3H	24.3	25.7	24.6	26.0	26.2	24.1	25.5	24.4	25.7	25.9
	4H	24.9	26.3	25.2	26.5	26.8	24.5	25.9	24.8	26.1	26.4
	6H	25.3	26.6	25.7	26.9	27.1	24.8	26.0	25.1	26.3	26.6
	8H	25.4	26.6	25.7	26.9	27.2	24.8	26.0	25.1	26.3	26.5
	12H	25.4	26.6	25.8	26.9	27.2	24.7	25.9	25.1	26.2	26.5
4H	2H	23.4	24.8	23.8	25.0	25.3	23.3	24.6	23.6	24.9	25.2
	3H	25.0	26.2	25.4	26.5	26.8	24.8	26.0	25.2	26.3	26.6
	4H	25.8	26.8	26.1	27.1	27.5	25.4	26.5	25.8	26.8	27.2
	6H	26.3	27.2	26.7	27.6	27.9	25.8	26.7	26.2	27.1	27.4
	8H	26.4	27.3	26.8	27.6	28.0	25.8	26.7	26.2	27.0	27.4
	12H	26.5	27.3	26.9	27.6	28.1	25.8	26.6	26.2	27.0	27.4
8H	4H	26.0	26.9	26.4	27.2	27.6	25.7	26.6	26.1	26.9	27.3
	6H	26.6	27.3	27.0	27.7	28.2	26.1	26.9	26.6	27.3	27.7
	8H	26.7	27.4	27.2	27.8	28.3	26.2	26.8	26.7	27.3	27.7
	12H	26.9	27.4	27.3	27.9	28.3	26.2	26.8	26.7	27.3	27.7
12H	4H	26.0	26.8	26.4	27.2	27.6	25.7	26.5	26.1	26.9	27.3
	6H	26.6	27.3	27.1	27.7	28.1	26.1	26.8	26.6	27.2	27.7
	8H	26.8	27.3	27.2	27.8	28.2	26.2	26.8	26.7	27.2	27.7
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.2					+ 0.2 / - 0.4				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 5819 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 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	49	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	79	71	65	57
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	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		

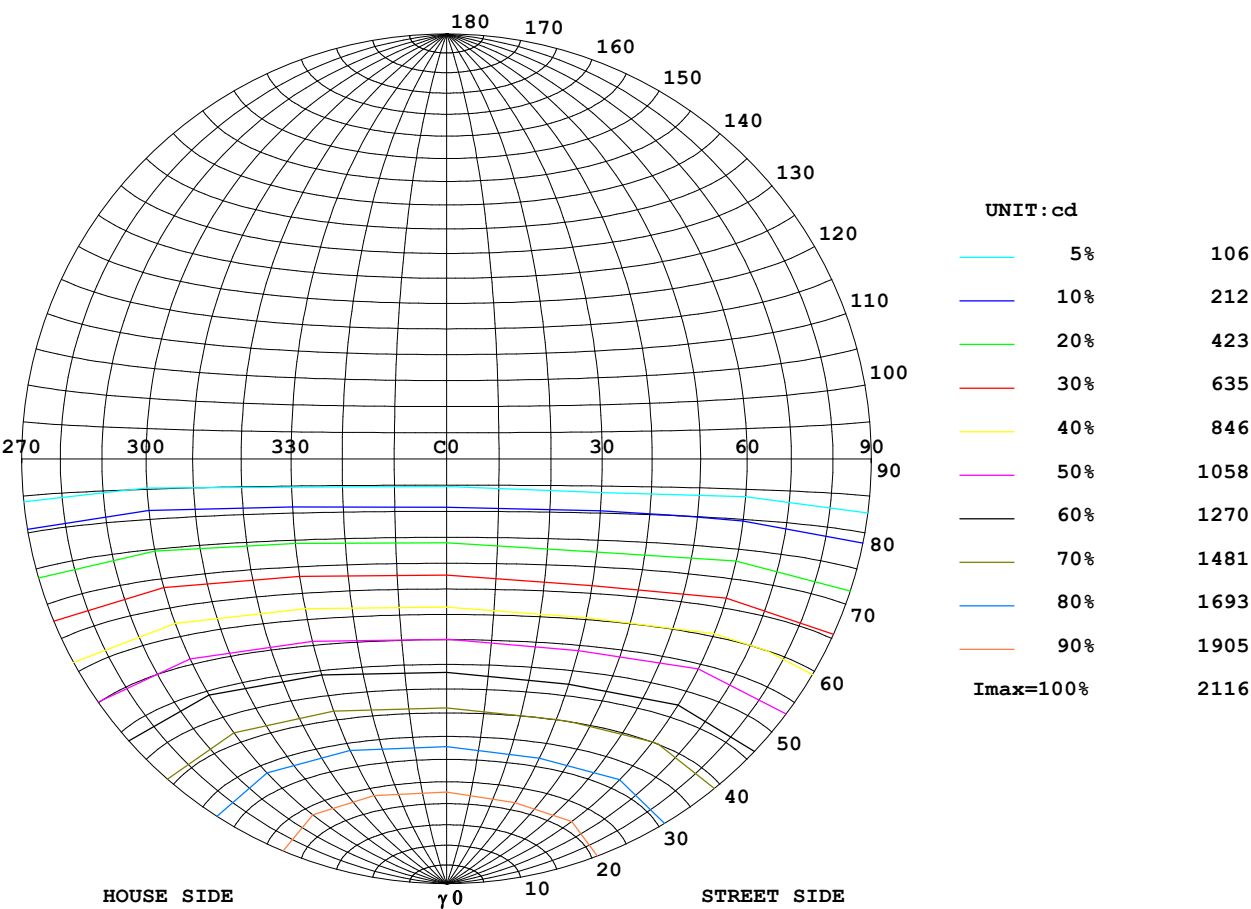
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 21.16 lx



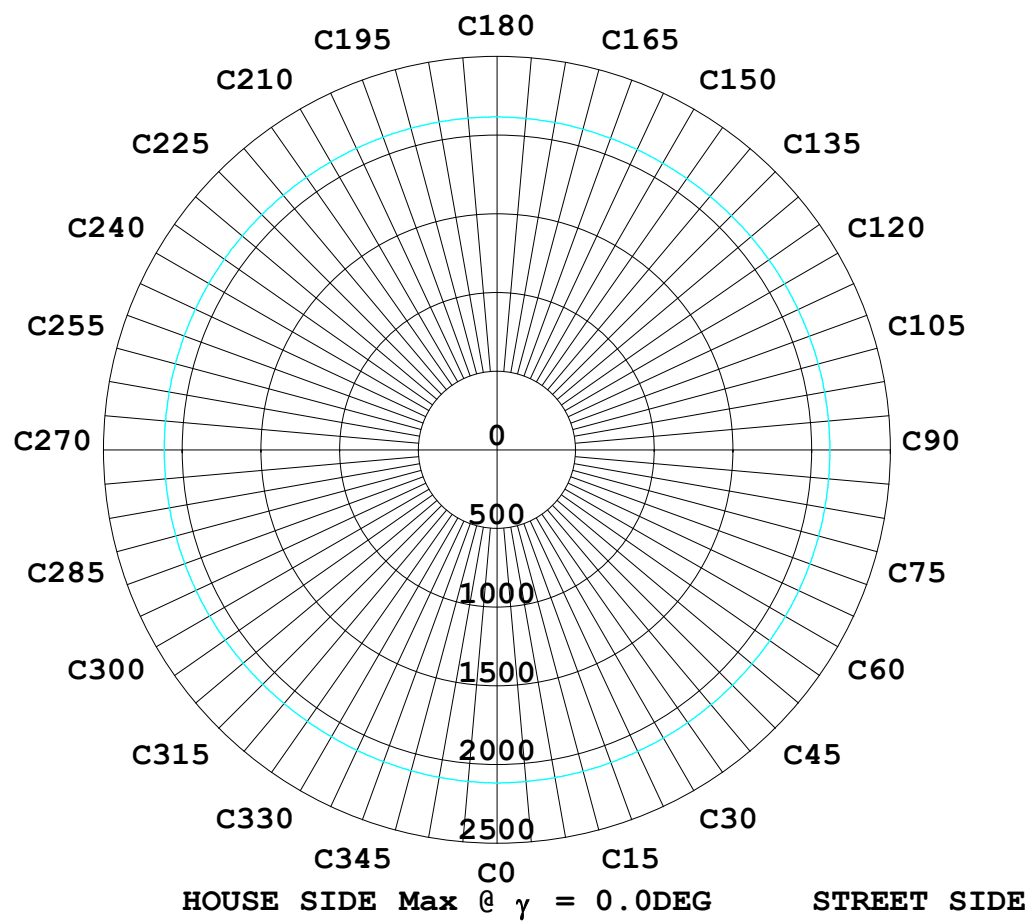
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 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-1000 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	2116	2114	2115	2115	2110	2105	2116	2114	2115	2115	2110	2105
5.0	2106	2101	2102	2097	2095	2090	2104	2107	2106	2108	2107	2102
10.0	2073	2064	2063	2058	2056	2049	2069	2075	2075	2080	2078	2081
15.0	2021	2008	2008	1997	1994	1990	2014	2022	2024	2032	2031	2036
20.0	1952	1936	1935	1920	1925	1915	1943	1954	1954	1965	1966	1972
25.0	1863	1842	1847	1821	1828	1812	1846	1866	1859	1877	1874	1887
30.0	1761	1735	1741	1715	1721	1704	1739	1763	1755	1776	1771	1785
35.0	1638	1614	1616	1591	1594	1582	1622	1644	1641	1654	1659	1654
40.0	1510	1481	1483	1457	1460	1447	1490	1514	1512	1532	1531	1544
45.0	1372	1339	1343	1315	1319	1303	1346	1373	1370	1395	1391	1406
50.0	1219	1185	1189	1160	1164	1149	1196	1226	1222	1248	1244	1262
55.0	1059	1023	1030	995	1002	984	1031	1065	1060	1090	1083	1103
60.0	896	857	862	829	835	816	862	898	892	923	916	937
65.0	724	684	690	656	663	643	692	730	723	756	747	770
70.0	556	512	522	483	496	472	517	556	549	582	572	596
75.0	388	350	356	322	332	311	349	388	379	412	401	426
80.0	232	224	202	168	182	161	222	233	224	254	244	268
85.0	97.5	66.5	73.0	52.3	63.9	50.4	68.5	94.2	82.7	109	99.6	123
90.0	22.0	15.4	21.6	15.6	21.7	15.8	11.9	19.4	13.7	21.7	15.4	24.1

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.000 m
Remarks: 3000K