

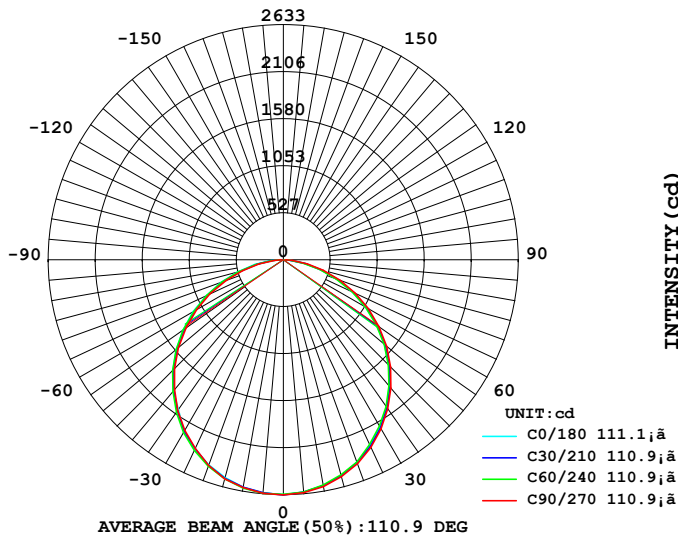
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

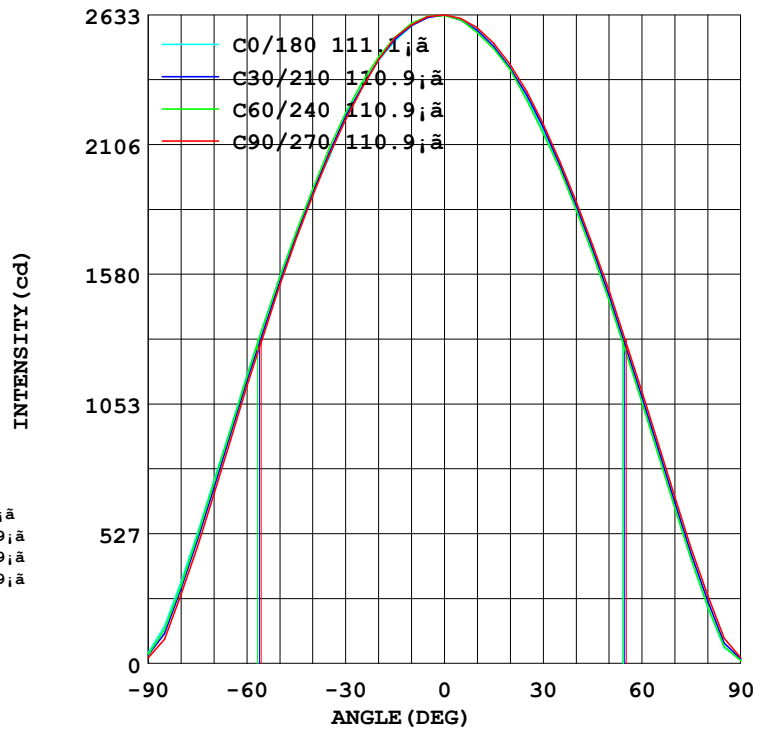
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2648	S/MH (C0/180)	1.25
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.25
NOMINAL POWER (W)	70	TOTAL FLUX (lm)	7345.2	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	104.3	Current (A)	0.312
NOMINAL FLUX (lm)	7345.2	η up (%)	0.0	Power (W)	70.40
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	7207.3	EEI	0.133

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: 7.800 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

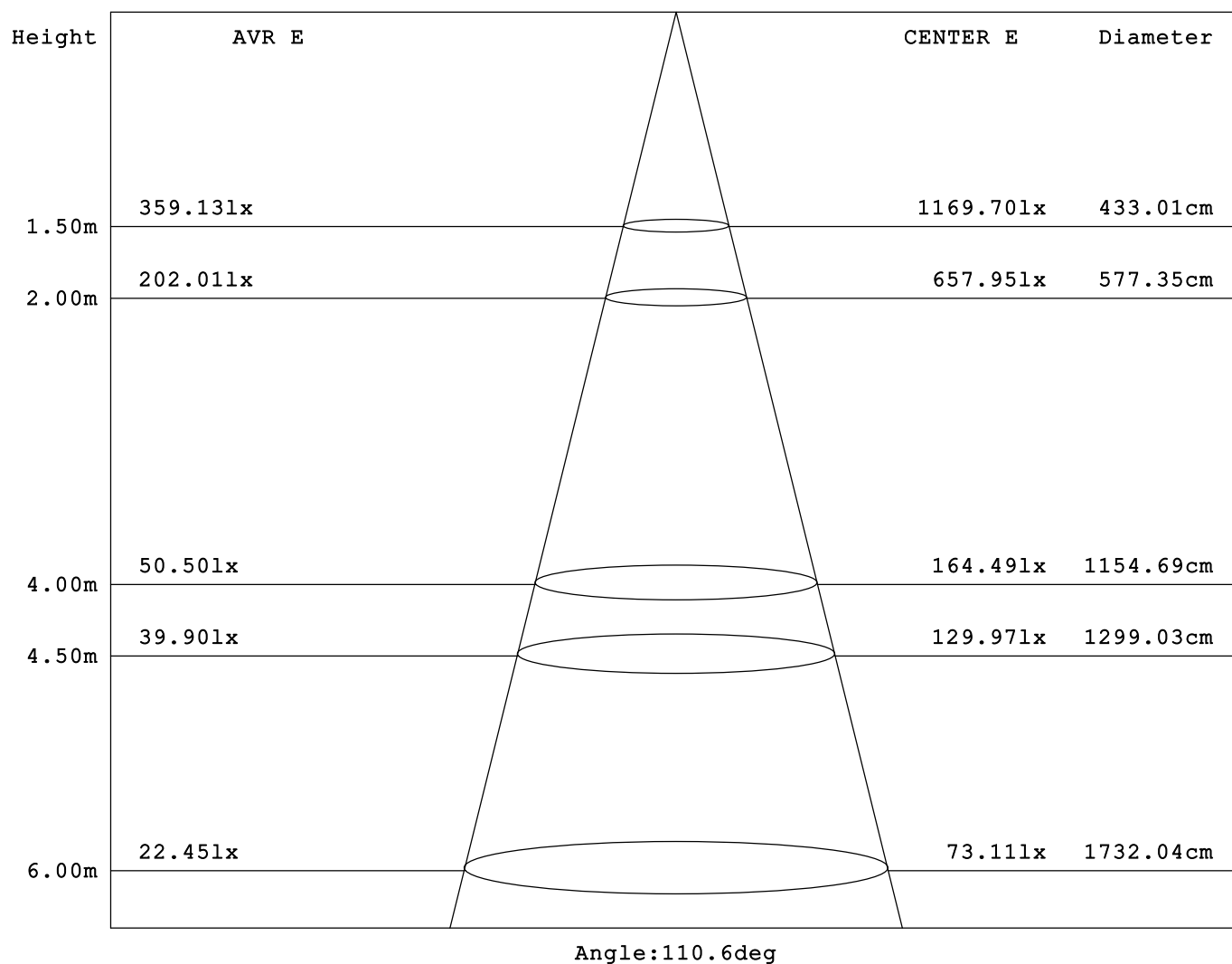
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K 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: 7.800 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K 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	2588	2594	2592	2583	2573	2565	2580	2602	0- 10	249.2	249.2
20.0	2447	2457	2451	2431	2418	2413	2431	2459	10- 20	712.1	961.3
30.0	2228	2228	2208	2181	2164	2165	2191	2225	20- 30	1073	2034
40.0	1921	1918	1899	1858	1849	1851	1877	1920	30- 40	1282	3316
50.0	1568	1558	1535	1488	1481	1484	1515	1561	40- 50	1320	4636
60.0	1167	1153	1124	1075	1065	1070	1103	1151	50- 60	1182	5818
70.0	740.5	720.4	684.9	638.9	633.5	640.8	675.2	722.3	60- 70	889.2	6707
80.0	328.9	307.0	277.6	230.6	226.8	240.6	274.5	312.8	70- 80	500.5	7207
90.0	43.13	34.70	22.08	26.28	14.96	13.99	22.57	30.08	80- 90	137.9	7345
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

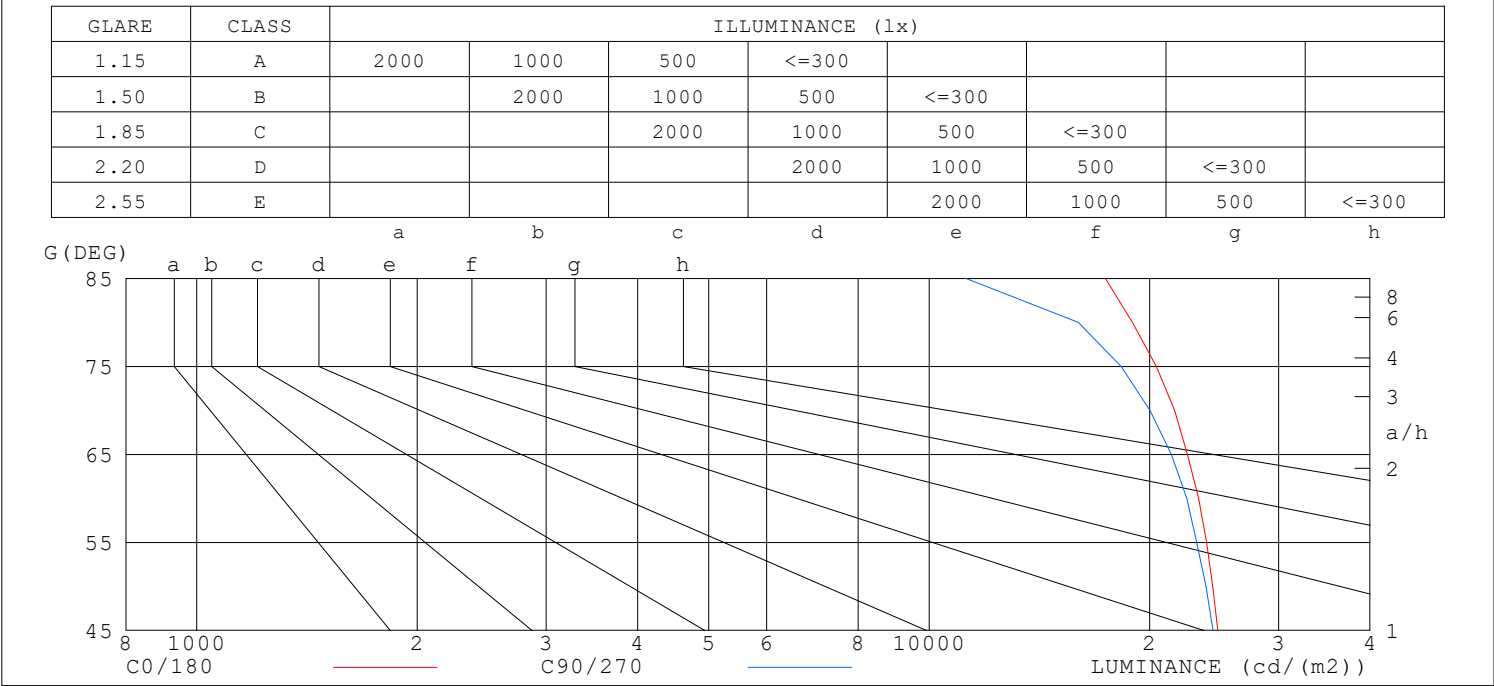
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K 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	17410	11246
80	18941	15991
75	20441	18298
70	21652	20028
65	22530	21420
60	23339	22476
55	23941	23204
50	24400	23881
45	24781	24411

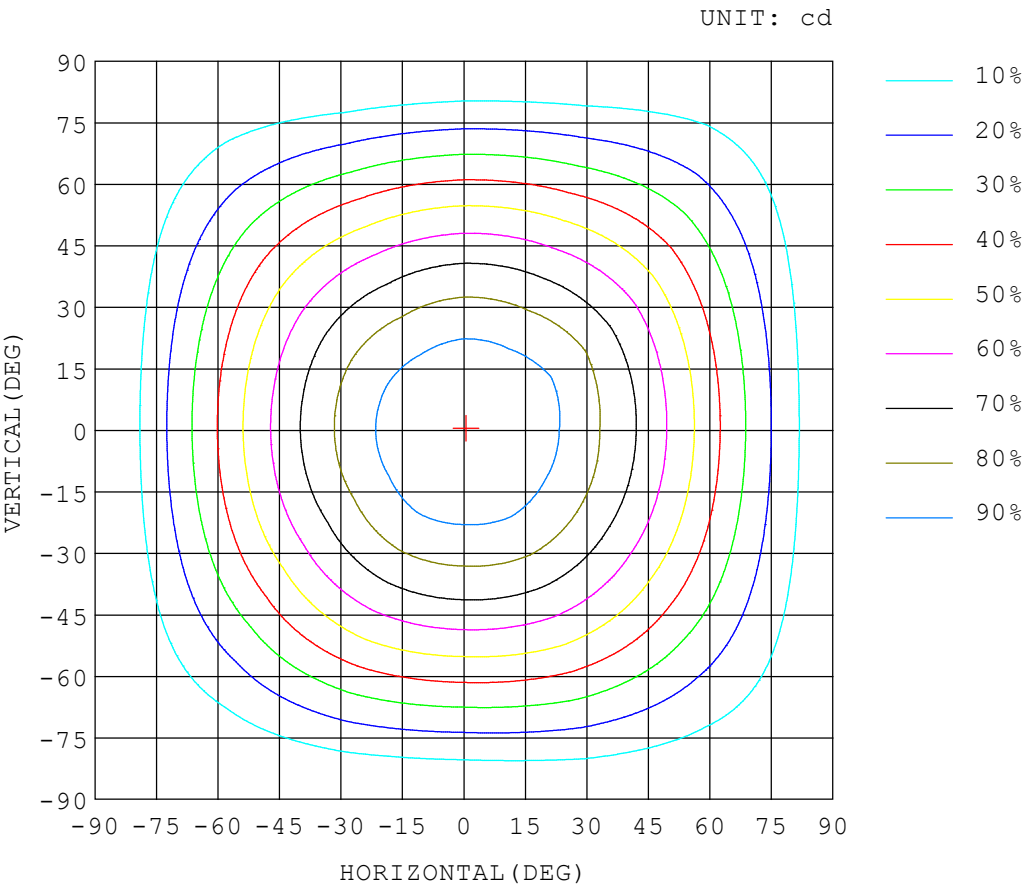
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:



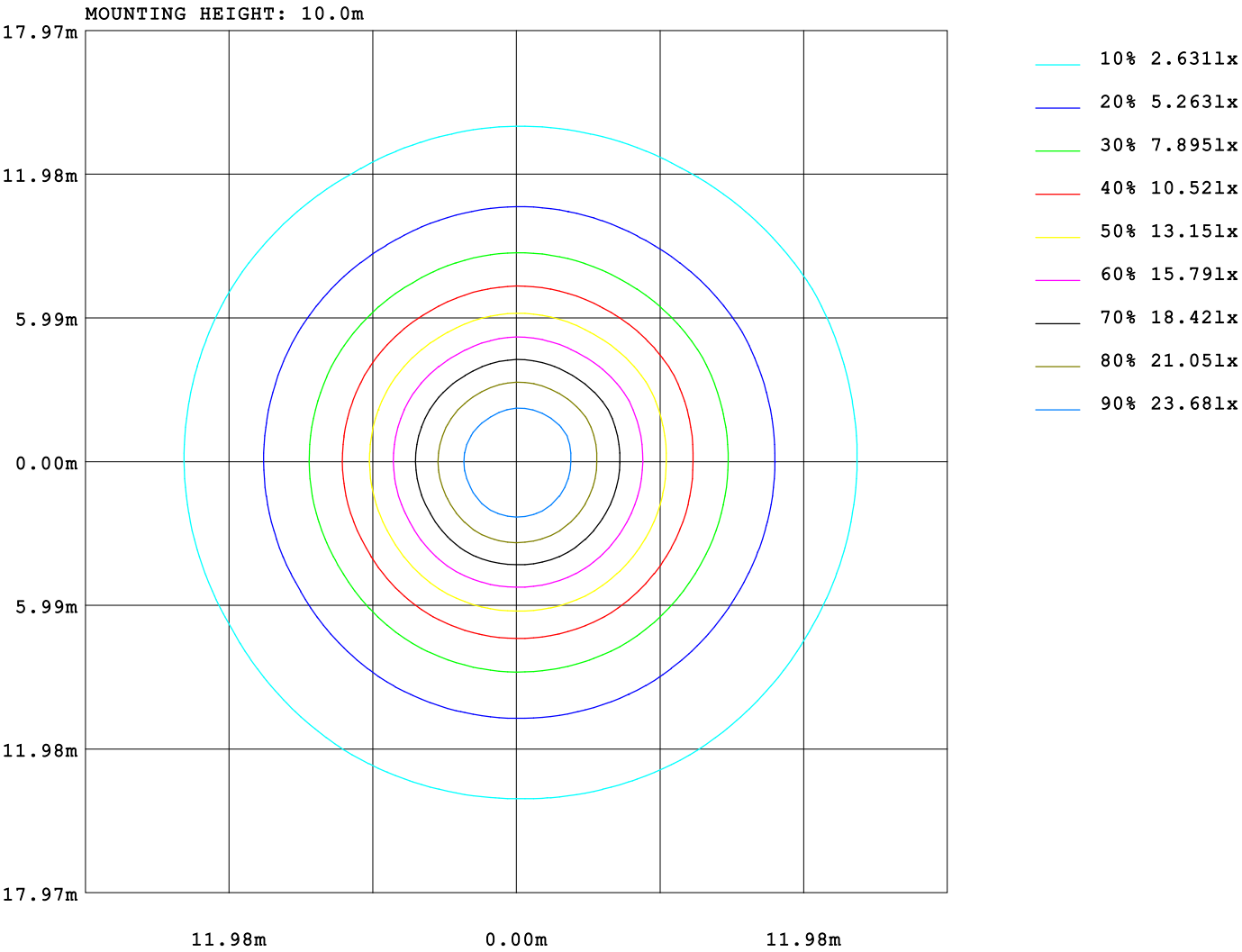
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K 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:7.800 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: DISC BACKLIT										TYPE: 5700K CRI-90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-900 H-95 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a							
	0.06	0.25	0.57	0.95	1.37	1.81	2.38	3.07	3.61	3.79	3.58	3.15	2.72	2.28	1.75	1.13	0.56	0.15	33.2	0.00									
90																													
80	0.09	0.51	1.62	3.51	5.71	7.99	10.3	12.4	13.9	14.2	13.3	11.6	9.53	7.27	4.91	2.65	1.04	0.21	121	103									
70	0.12	0.98	3.38	7.09	11.5	16.1	20.4	24.2	26.5	26.8	25.1	21.9	17.8	13.2	8.72	4.58	1.64	0.28	231	227									
60	0.15	1.57	5.22	10.8	17.5	24.4	30.7	36.0	39.2	39.5	37.0	32.3	26.3	19.5	12.6	6.50	2.30	0.34	342	340									
50	0.20	2.15	6.98	14.3	23.1	32.2	40.4	46.9	50.8	51.2	48.0	42.0	34.2	25.2	16.2	8.31	2.92	0.41	446	445									
40	0.25	2.66	8.54	17.4	28.1	39.0	48.8	56.4	61.0	61.4	57.6	50.5	41.1	30.2	19.2	9.89	3.46	0.47	536	535									
30	0.29	3.08	9.78	19.8	31.9	44.4	55.6	64.1	69.3	69.8	65.4	57.6	46.6	34.0	21.5	11.1	3.89	0.52	609	608									
	0.32	3.37	10.6	21.4	34.5	48.1	60.5	69.9	75.2	75.8	71.3	62.5	50.0	36.4	23.1	11.9	4.19	0.55	660	660									
	0.34	3.51	11.0	22.2	35.7	49.9	62.9	72.9	78.3	79.1	74.1	64.5	51.4	37.5	23.9	12.3	4.34	0.57	685	685									
	0.33	3.49	11.0	22.2	35.6	49.8	62.7	73.0	78.8	78.9	73.7	64.1	51.1	37.4	23.8	12.3	4.32	0.57	684	683									
	0.32	3.32	10.4	21.2	34.1	47.6	60.2	70.4	76.1	76.3	71.2	61.8	49.3	36.0	22.9	11.8	4.14	0.55	658	657									
-30	0.29	3.00	9.55	19.4	31.3	43.8	55.7	65.2	70.2	70.4	66.1	57.3	45.8	33.2	21.1	10.9	3.82	0.51	608	607									
-40	0.24	2.55	8.23	16.8	27.3	38.8	49.4	57.5	61.8	62.2	58.5	50.9	40.7	29.4	18.6	9.59	3.36	0.46	537	536									
-50	0.19	2.02	6.61	13.6	22.6	32.4	41.4	48.1	51.7	52.0	49.0	42.8	34.2	24.6	15.5	7.96	2.80	0.39	448	447									
-60	0.14	1.42	4.80	10.1	17.1	24.8	31.9	37.1	39.9	40.2	38.0	33.4	26.6	19.1	11.9	6.12	2.17	0.32	346	343									
-70	0.11	0.84	2.91	6.42	11.2	16.6	21.5	25.1	27.1	27.4	26.0	22.9	18.3	13.1	8.13	4.17	1.51	0.26	234	229									
-80	0.09	0.42	1.26	2.94	5.50	8.44	11.1	13.1	14.2	14.5	14.0	12.5	10.0	7.14	4.40	2.27	0.93	0.20	123	107									
-90	0.06	0.23	0.46	0.81	1.42	2.22	2.93	3.41	3.70	3.89	3.96	3.76	3.16	2.30	1.51	0.95	0.50	0.14	35.4	1.10									
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)													20	30	40	50	60	70	80	90
Φ t	3.59	35.4	113	231	376	529	670	780	842	848	797	696	560	408	260	135	47.9	6.89	7345										
Φ a	0.00	26.0	106	224	369	522	662	772	835	841	790	689	553	401	253	128	40.2	1.25		7207									

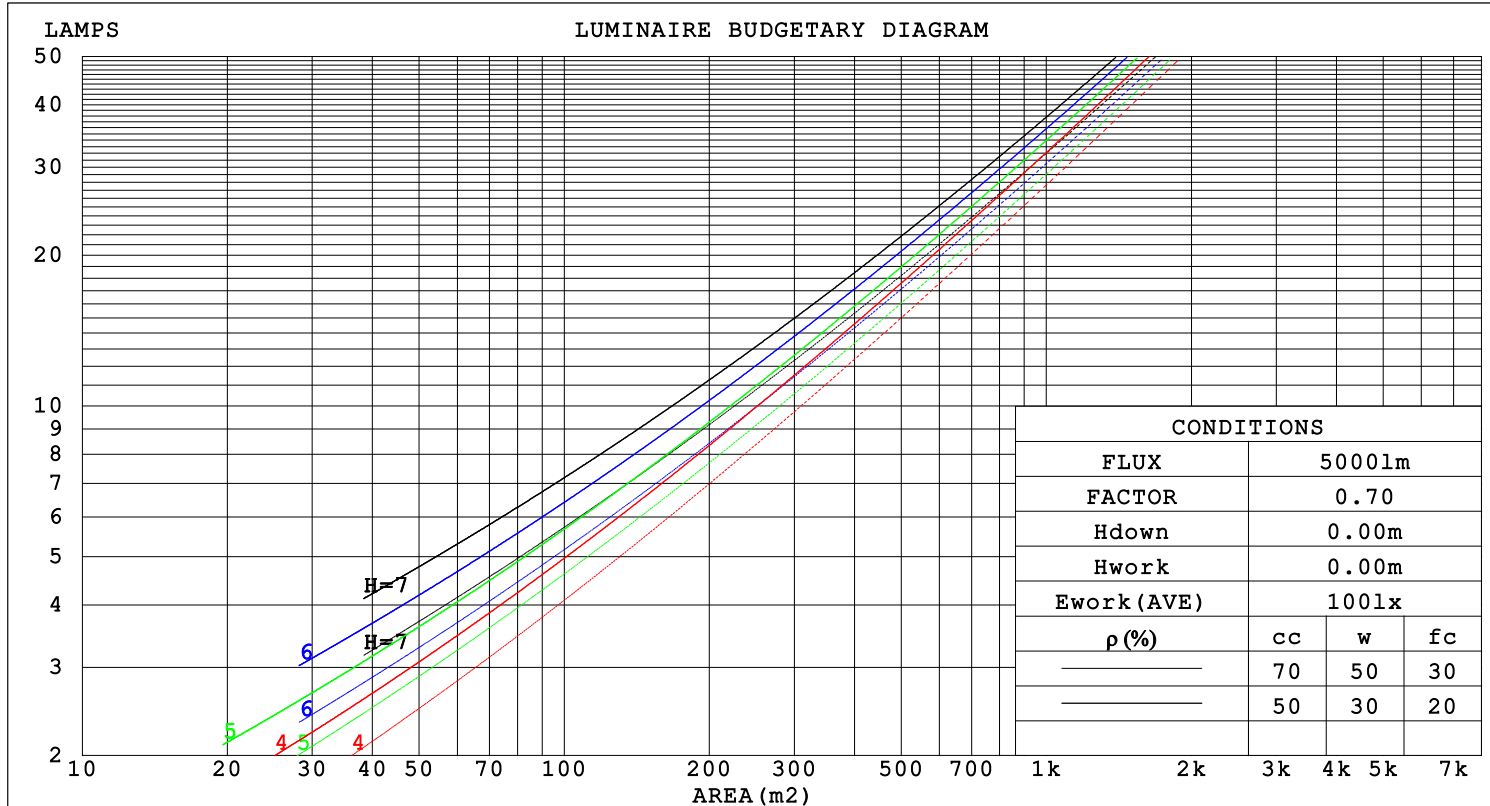
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

pcc	80%			70%			50%			30%			10%			0														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{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	.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	.59	.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	.42	.36	.32	.30														
9.0	.43	.35	.29	.42	.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 Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER:														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DISC BACKLIT							TYPE: 5700K 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	.308	.175	.055	.301	.172	.055	.288	.165	.053	.275	.159	.051	.264	.153	.049	
2.0	.290	.159	.049	.284	.156	.048	.272	.151	.047	.261	.147	.046	.251	.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	.218	.118	.036	
5.0	.229	.117	.034	.225	.116	.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	.177	.092	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.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	.058	.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:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DISC BACKLIT					TYPE: 5700K 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	24.0	25.5	24.2	25.7	25.9	23.9	25.4	24.2	25.6	25.8
	3H	25.5	26.9	25.8	27.1	27.4	25.4	26.8	25.7	27.0	27.3
	4H	26.1	27.5	26.4	27.7	28.0	25.9	27.3	26.3	27.5	27.8
	6H	26.6	27.8	26.9	28.1	28.4	26.3	27.6	26.6	27.8	28.1
	8H	26.7	27.9	27.0	28.2	28.5	26.3	27.5	26.7	27.8	28.1
	12H	26.8	27.9	27.1	28.2	28.5	26.4	27.5	26.7	27.8	28.1
4H	2H	24.6	25.9	24.9	26.2	26.4	24.5	25.9	24.9	26.1	26.4
	3H	26.3	27.4	26.6	27.7	28.0	26.2	27.4	26.6	27.7	28.0
	4H	27.0	28.1	27.4	28.4	28.7	26.9	28.0	27.3	28.3	28.6
	6H	27.6	28.5	28.0	28.9	29.2	27.4	28.3	27.8	28.7	29.0
	8H	27.7	28.6	28.1	29.0	29.3	27.4	28.3	27.9	28.7	29.1
	12H	27.8	28.6	28.3	29.0	29.4	27.5	28.3	27.9	28.7	29.1
8H	4H	27.3	28.2	27.7	28.5	28.9	27.2	28.1	27.6	28.4	28.8
	6H	27.9	28.7	28.4	29.1	29.5	27.8	28.5	28.2	28.9	29.3
	8H	28.1	28.8	28.6	29.2	29.7	27.9	28.6	28.4	29.0	29.4
	12H	28.3	28.9	28.8	29.3	29.8	28.0	28.6	28.5	29.0	29.5
12H	4H	27.3	28.1	27.7	28.5	28.9	27.2	28.0	27.6	28.4	28.8
	6H	28.0	28.6	28.4	29.0	29.5	27.8	28.5	28.3	28.9	29.3
	8H	28.2	28.8	28.7	29.2	29.7	28.0	28.6	28.5	29.0	29.5
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 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 7345 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.9)

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:7.800 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K 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	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	41
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	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		

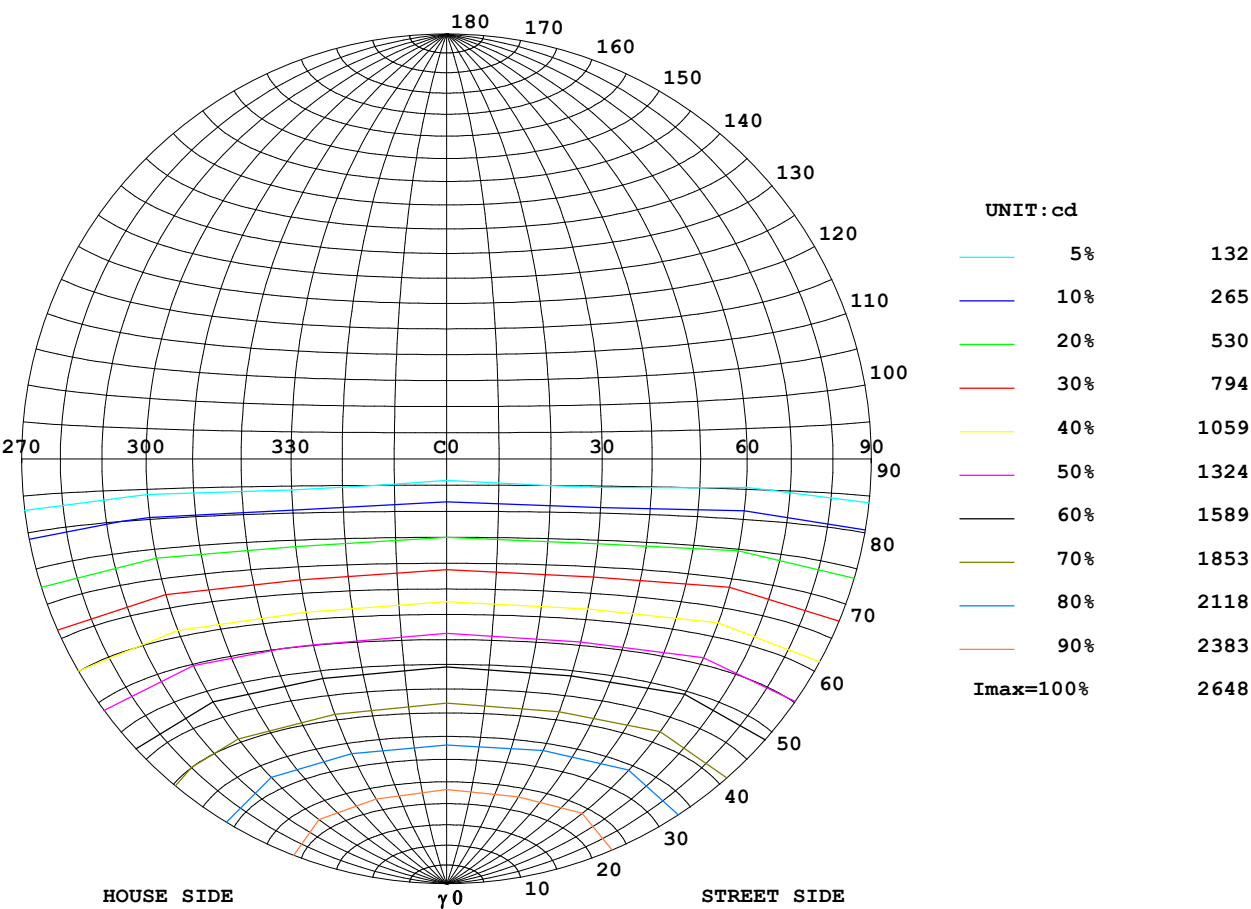
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.800 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

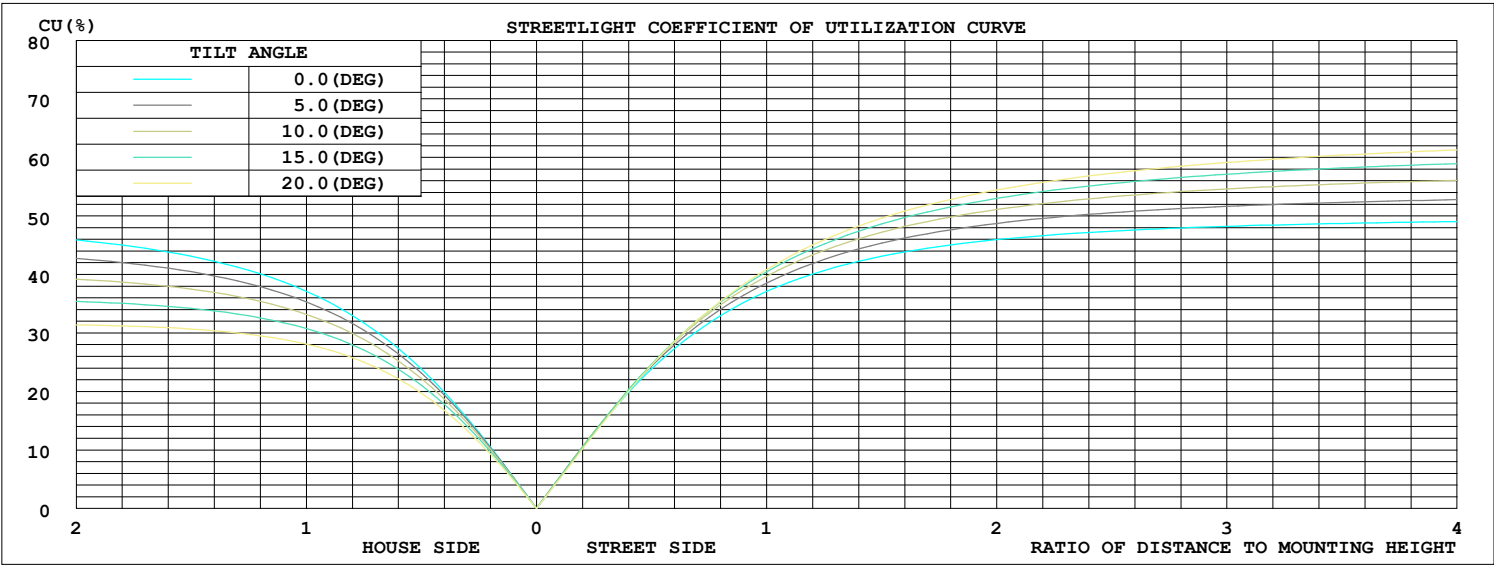
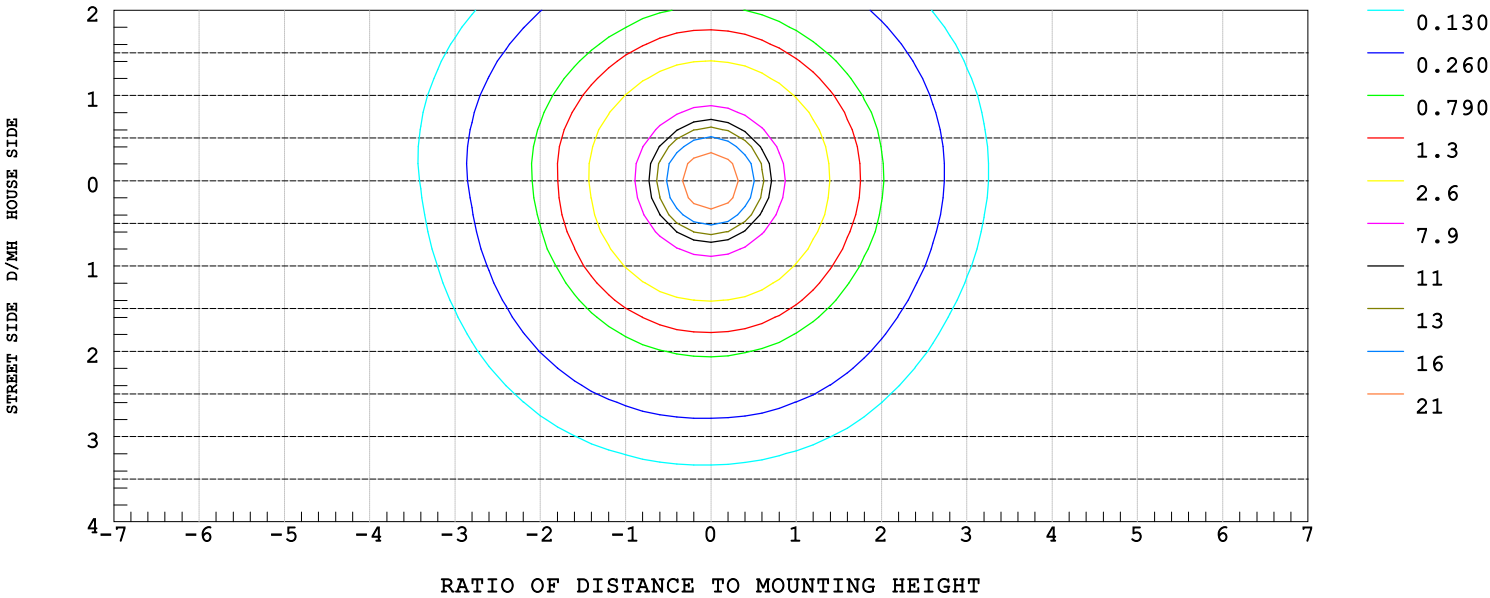
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-900 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 26.32 lx



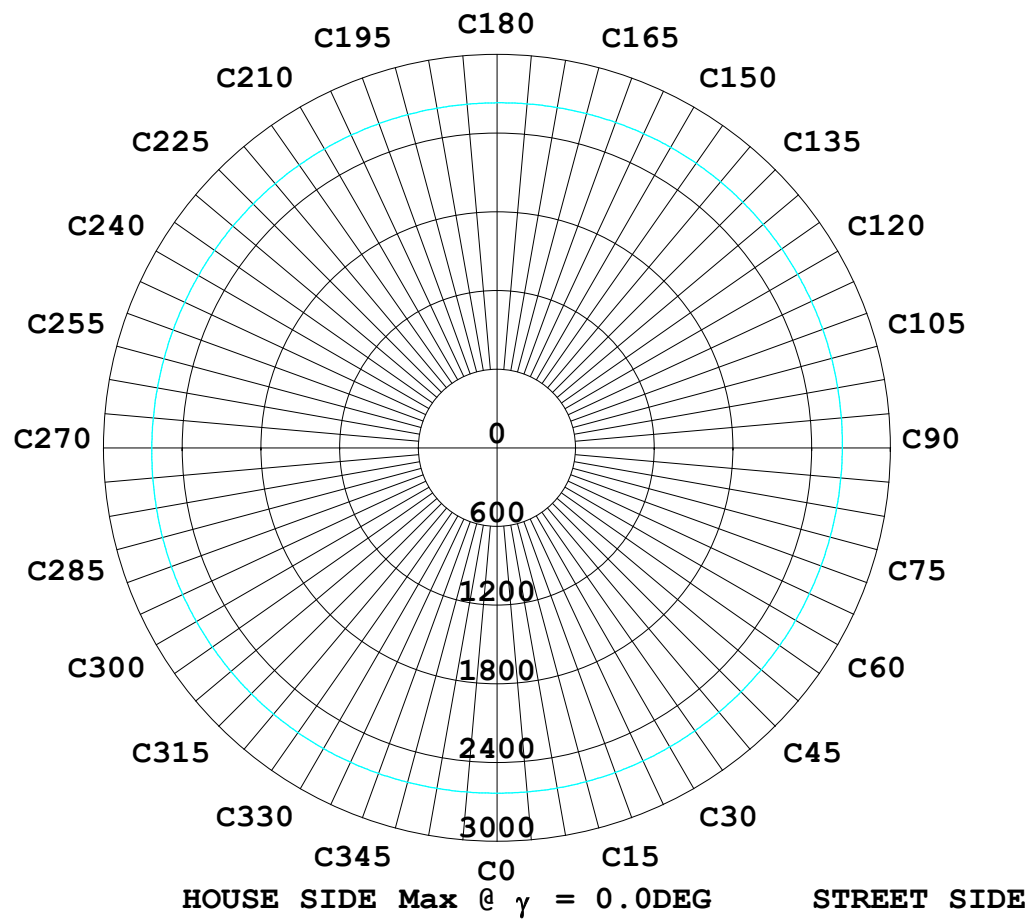
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K 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:7.800 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K 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	2632	2633	2629	2633	2648	2648	2632	2633	2629	2633	2648	2648
5.0	2624	2622	2627	2626	2631	2627	2612	2611	2613	2619	2632	2643
10.0	2588	2589	2598	2592	2592	2574	2573	2570	2561	2580	2593	2610
15.0	2528	2534	2541	2541	2533	2508	2507	2504	2495	2517	2529	2556
20.0	2447	2452	2462	2451	2448	2415	2418	2417	2410	2431	2441	2476
25.0	2346	2338	2359	2335	2336	2289	2298	2307	2287	2322	2325	2377
30.0	2228	2221	2235	2208	2206	2156	2164	2177	2153	2191	2197	2253
35.0	2051	2071	2090	2061	2051	2001	2018	2024	2008	2039	2055	2114
40.0	1921	1910	1926	1899	1884	1831	1849	1861	1841	1877	1893	1948
45.0	1752	1739	1753	1726	1710	1655	1668	1681	1662	1697	1714	1775
50.0	1568	1549	1567	1535	1518	1458	1481	1494	1474	1515	1529	1594
55.0	1373	1348	1372	1331	1320	1251	1277	1292	1270	1312	1327	1394
60.0	1167	1145	1162	1124	1108	1042	1065	1081	1059	1103	1117	1186
65.0	952	930	946	905	889	822	852	870	846	892	904	976
70.0	741	710	731	685	674	604	634	652	629	675	688	757
75.0	529	501	517	474	459	398	423	443	421	466	476	542
80.0	329	301	314	278	260	202	227	252	229	275	283	343
85.0	152	122	138	98.0	93.5	53.4	64.5	82.8	68.6	102	106	156
90.0	43.1	33.0	36.3	22.0	29.4	23.1	14.9	17.5	10.4	22.5	22.4	37.7

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:7.800 m
Remarks: 5700K