

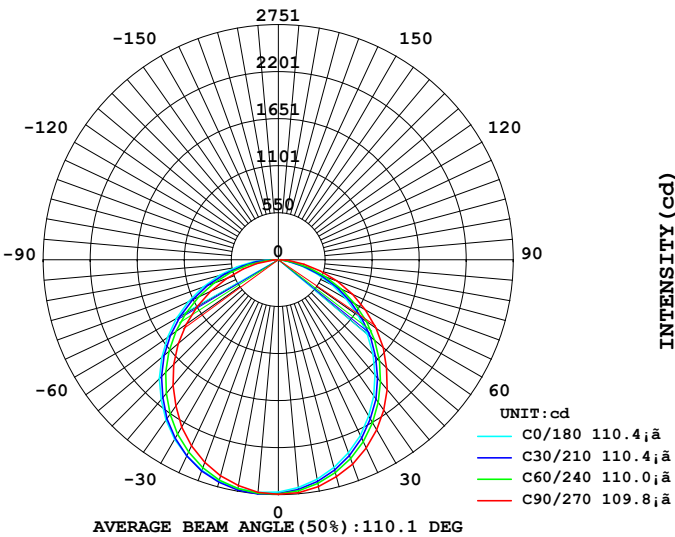
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

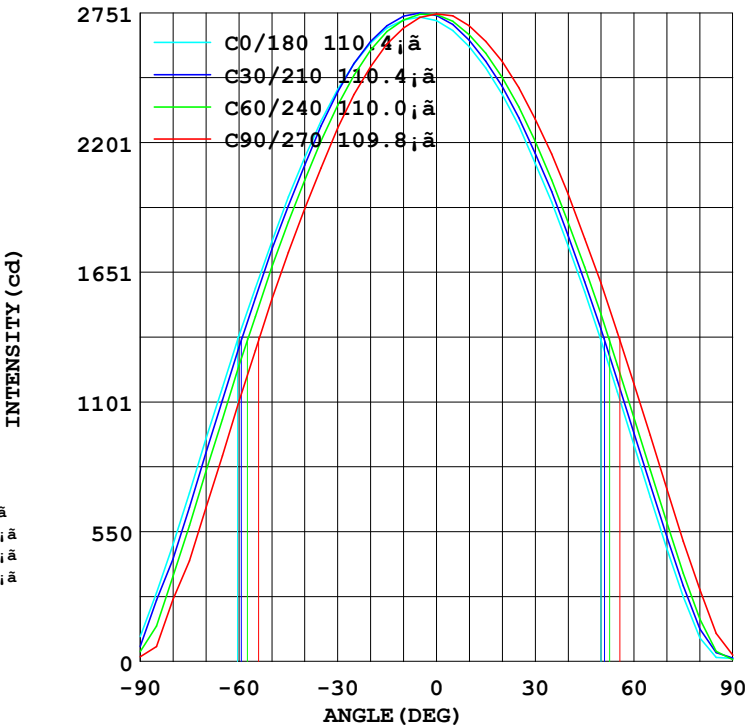
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-1000 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2751	S/MH (C0/180)	1.32
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	78	TOTAL FLUX (lm)	7607.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	97.1	Current (A)	0.355
NOMINAL FLUX (lm)	7607.9	η up (%)	0.0	Power (W)	78.36
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.991
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	7477.5	EEI	0.141

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:7.500 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-1000 H-95 MM	SERIAL No.:

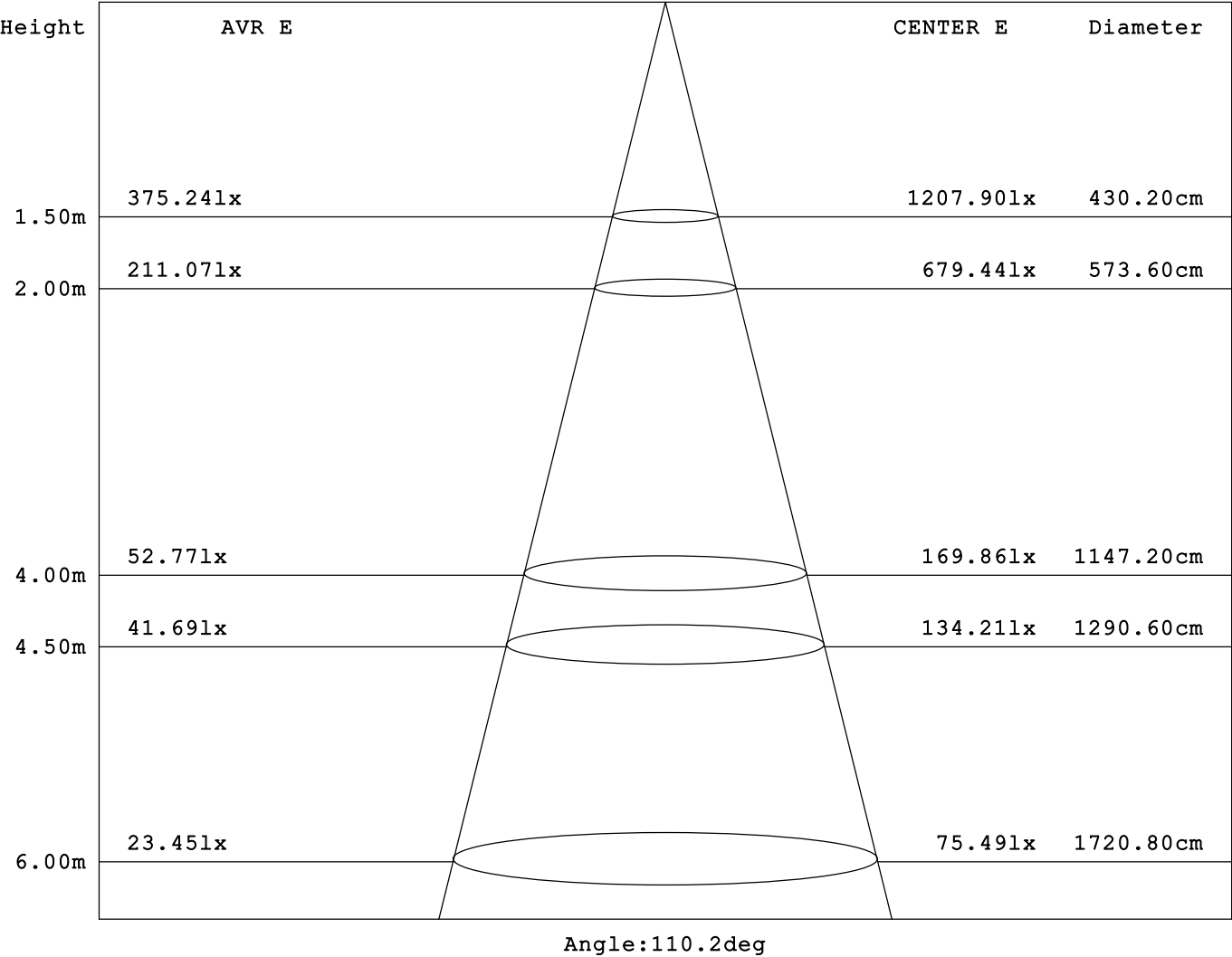
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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-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:7.500 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-1000 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2721	2729	2687	2628	2609	2647	2696	2733	0- 10	258.6	258.6
20.0	2623	2611	2522	2428	2406	2459	2546	2628	10- 20	738.6	997.2
30.0	2427	2387	2262	2140	2114	2182	2301	2419	20- 30	1113	2110
40.0	2137	2073	1921	1780	1764	1835	1984	2122	30- 40	1329	3439
50.0	1779	1709	1534	1378	1362	1441	1605	1763	40- 50	1364	4803
60.0	1380	1291	1101	938.6	917.8	1001	1177	1350	50- 60	1217	6020
70.0	942.3	843.5	649.1	496.1	477.7	558.3	730.9	905.5	60- 70	913.6	6934
80.0	493.3	395.7	260.8	113.2	100.3	158.9	305.3	459.1	70- 80	515.0	7449
90.0	105.4	52.31	19.51	24.89	12.65	11.02	27.00	78.58	80- 90	158.9	7608
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

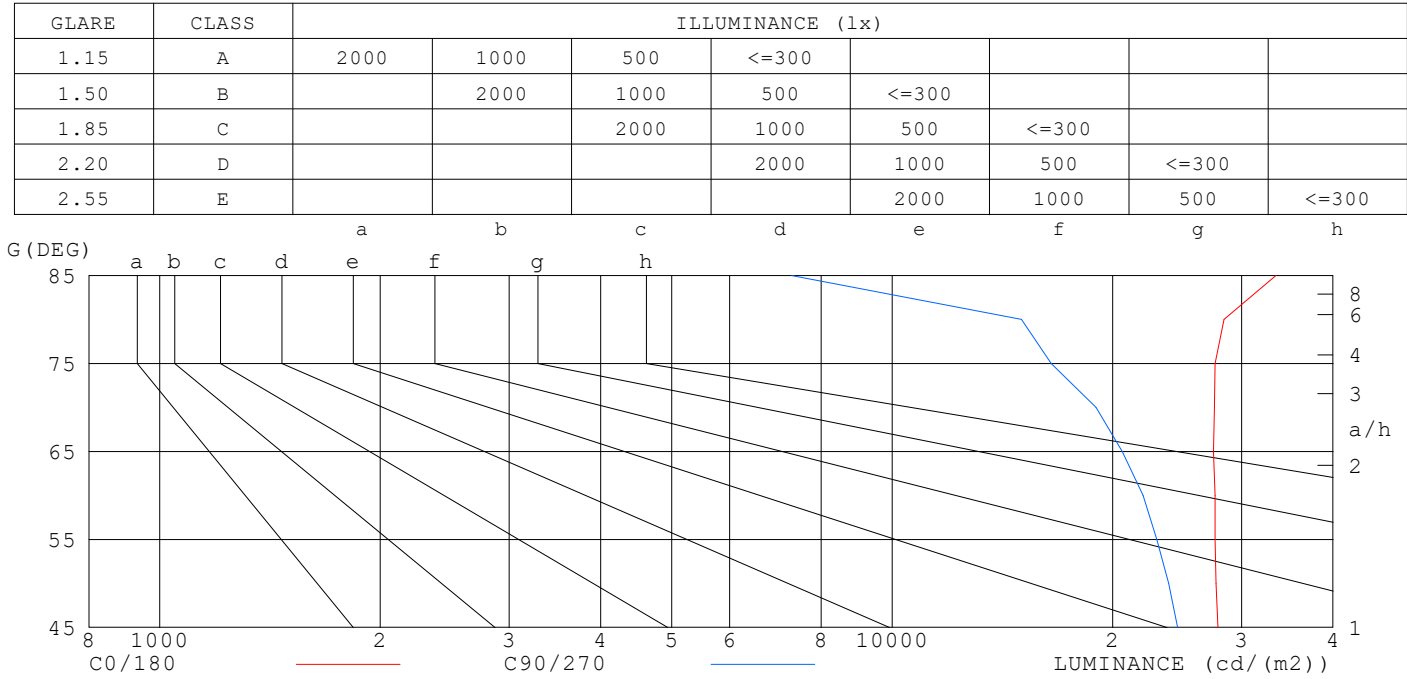
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 5700K

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-1000 H-95 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	33438	7293
80	28409	15021
75	27610	16500
70	27553	18979
65	27465	20630
60	27596	22013
55	27601	22986
50	27681	23864
45	27864	24538

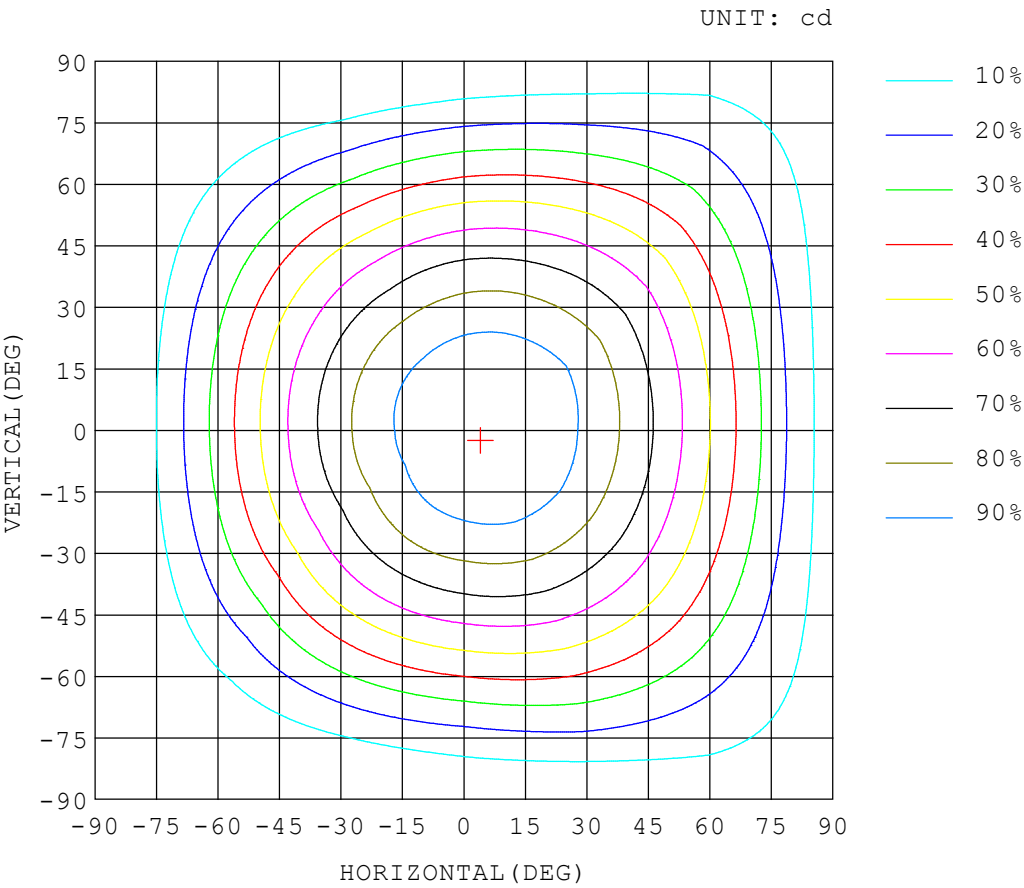
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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-1000 H-95 MM	SERIAL No.:



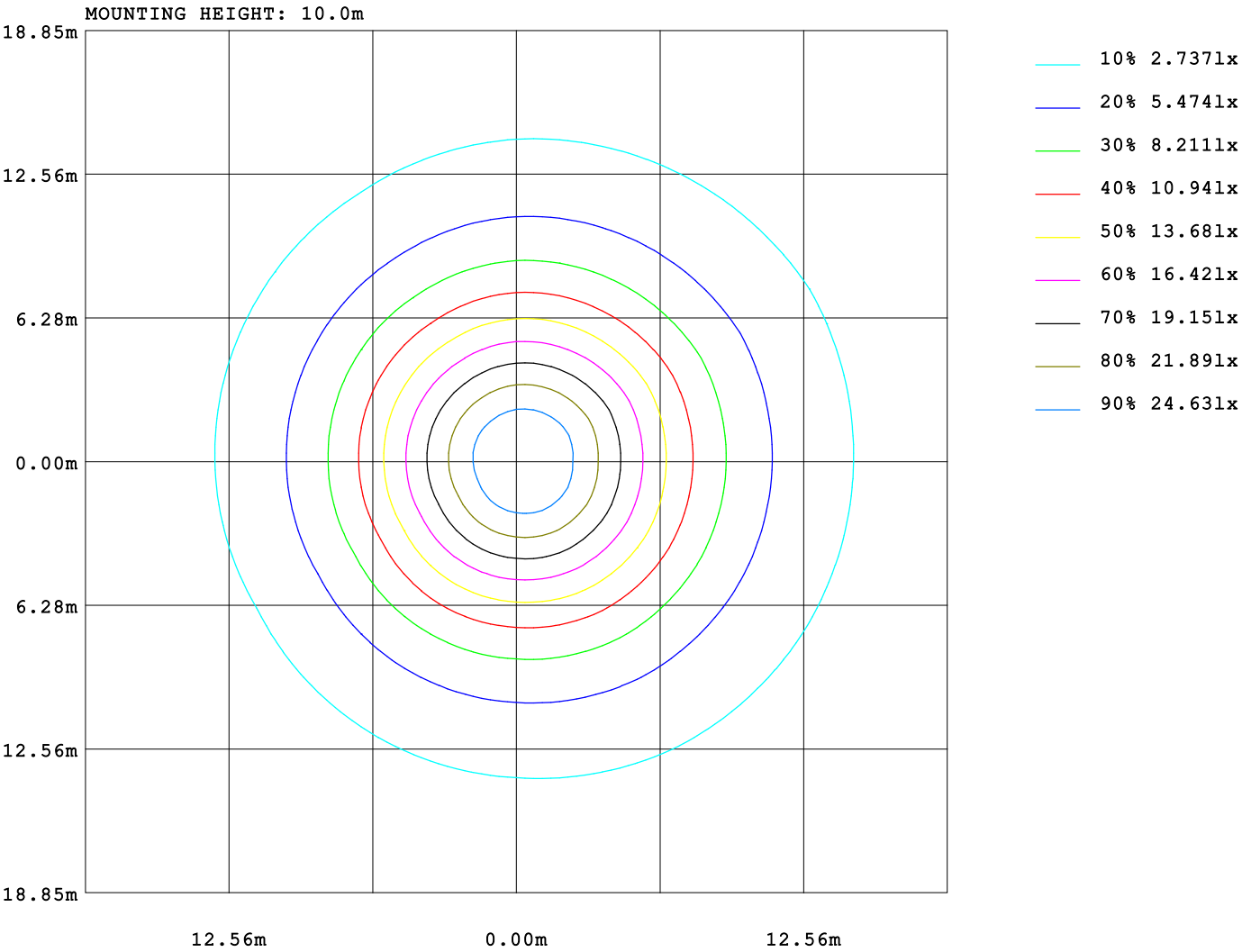
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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-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:7.500 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-1000 H-95 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.04	0.14	0.29	0.50	0.80	1.20	1.91	2.94	3.91	4.61	4.96	4.95	4.75	4.35	3.63	2.49	1.26	0.34	43.1	8.67			
90	0.04	0.21	0.79	2.04	4.03	6.49	9.35	12.3	14.7	16.0	15.9	14.8	12.9	10.4	7.70	4.63	2.04	0.45	135	121			
80	0.05	0.44	1.95	5.12	9.56	14.6	19.7	24.5	27.9	29.4	28.6	26.0	22.0	17.1	12.0	6.83	2.83	0.56	250	245			
70	0.05	0.79	3.59	8.73	15.5	23.0	30.2	36.7	41.1	42.6	41.1	37.0	31.0	23.8	16.2	8.95	3.59	0.66	365	362			
60	0.07	1.22	5.26	12.2	21.1	30.9	40.1	47.9	53.1	54.7	52.5	47.1	39.2	29.9	19.9	10.9	4.28	0.75	472	470			
50	0.10	1.64	6.76	15.2	26.0	37.7	48.6	57.6	63.7	65.4	62.5	55.8	46.3	35.0	23.0	12.5	4.87	0.83	564	563			
40	0.12	2.00	7.95	17.6	29.9	43.0	55.5	65.5	72.1	73.9	70.7	63.1	52.1	38.7	25.4	13.8	5.34	0.89	638	637			
30	0.13	2.25	8.75	19.2	32.5	46.7	60.2	71.1	78.0	79.9	76.4	68.0	55.5	41.1	26.9	14.6	5.65	0.93	689	688			
	0.14	2.37	9.11	20.0	33.7	48.4	62.4	73.7	81.0	82.8	78.8	69.7	56.9	42.2	27.6	15.0	5.81	0.95	711	710			
	0.13	2.34	9.02	19.8	33.4	48.0	61.8	73.1	80.6	82.7	78.5	69.4	56.6	42.0	27.5	14.9	5.77	0.95	707	706			
	0.12	2.18	8.48	18.7	31.7	45.5	58.8	70.2	77.6	79.6	75.9	67.0	54.5	40.4	26.4	14.4	5.56	0.92	678	677			
-30	0.11	1.89	7.52	16.7	28.5	41.3	54.1	64.7	71.3	73.1	70.0	61.9	50.5	37.5	24.6	13.3	5.19	0.87	624	623			
-40	0.09	1.50	6.21	14.0	24.2	36.0	47.3	56.5	62.2	63.9	61.5	54.7	44.8	33.4	21.9	11.9	4.67	0.81	546	545			
-50	0.07	1.05	4.67	10.8	19.4	29.3	38.8	46.5	51.4	53.0	51.2	45.9	37.7	28.2	18.6	10.2	4.04	0.73	452	450			
-60	0.05	0.61	3.02	7.40	13.9	21.5	29.0	35.0	39.0	40.5	39.5	35.8	29.6	22.2	14.8	8.17	3.33	0.64	345	342			
-70	0.04	0.31	1.38	4.09	8.31	13.3	18.4	22.7	25.7	27.1	26.9	24.8	20.7	15.7	10.5	6.00	2.61	0.54	230	224			
-80	0.04	0.15	0.47	1.29	3.12	5.56	8.28	10.8	12.7	13.9	14.3	13.6	11.7	9.16	6.50	4.02	1.86	0.43	118	103			
-90	0.04	0.14	0.26	0.43	0.75	1.21	1.76	2.35	2.88	3.43	3.89	4.02	3.88	3.49	2.86	1.96	1.06	0.31	34.7	2.10			
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90		
Φ t	1.42	21.2	85.5	194	337	494	647	775	860	887	854	764	632	476	317	175	69.8	12.5	7608				
Φ a	0.00	9.91	76.5	186	328	486	639	767	852	880	847	758	625	469	311	170	64.4	7.45		7478			

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:7.500 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:

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

NAME: DISC BACKLIT

TYPE: 5700K CRI-90

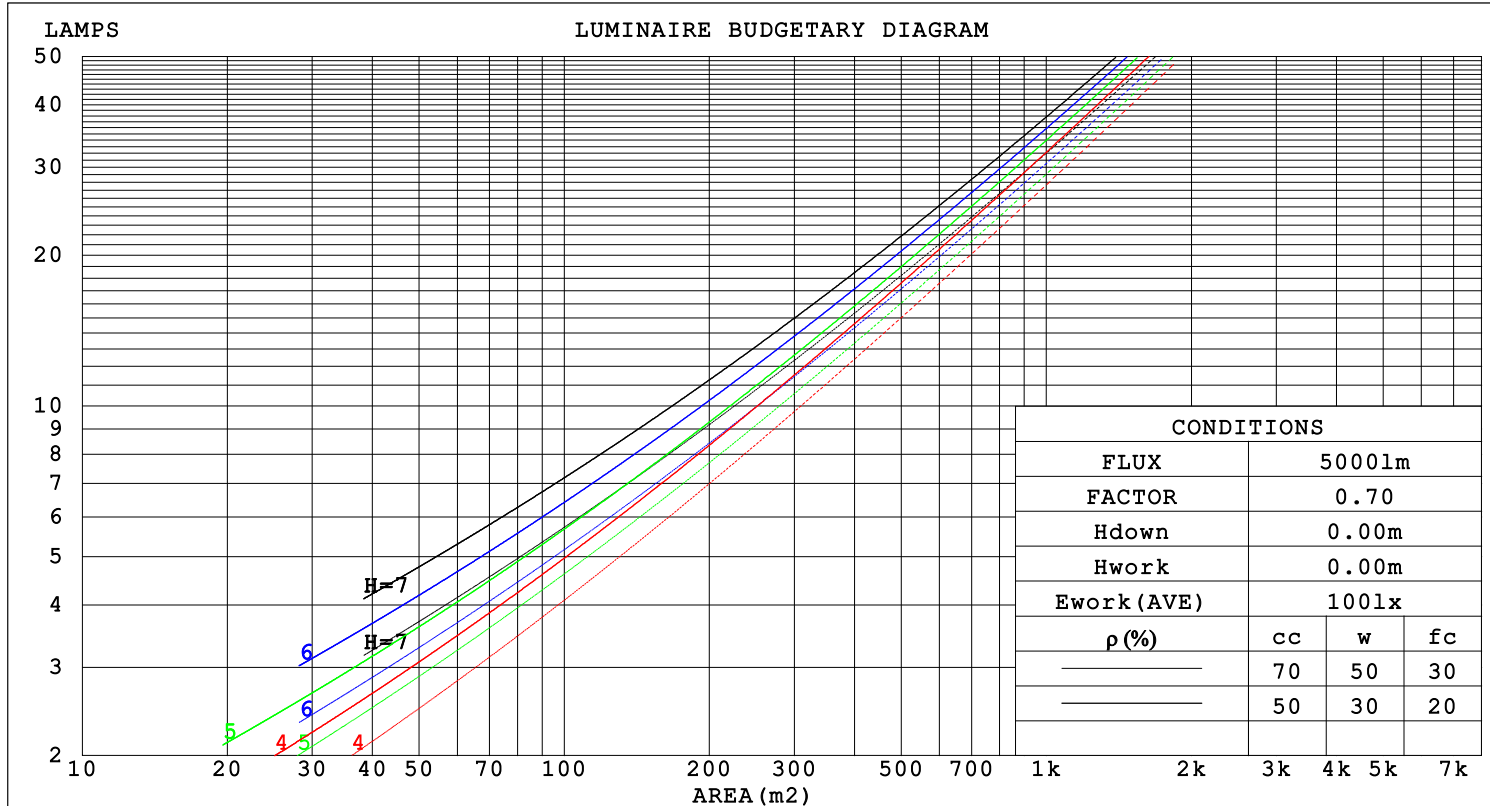
WEIGHT:

SPECIFICATION:

DIMENSION: D-1000 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	.68	.63	.72	.67	.62	.70	.65	.61	.59												
4.0	.70	.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	.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: 06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 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-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	.309	.176	.056	.302	.172	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050															
2.0	.291	.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	.226	.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	.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	.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	.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:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.500 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-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	24.8	26.3	25.1	26.5	26.7	24.1	25.6	24.3	25.8	26.0
	3H	26.6	28.0	26.9	28.2	28.5	25.4	26.8	25.7	27.1	27.3
	4H	27.4	28.7	27.7	29.0	29.2	25.9	27.3	26.3	27.5	27.8
	6H	28.0	29.3	28.4	29.6	29.8	26.3	27.5	26.6	27.8	28.1
	8H	28.3	29.5	28.7	29.8	30.1	26.3	27.5	26.6	27.8	28.1
	12H	28.6	29.7	28.9	30.0	30.3	26.3	27.4	26.6	27.7	28.0
4H	2H	25.4	26.7	25.7	27.0	27.3	24.8	26.2	25.2	26.4	26.7
	3H	27.4	28.5	27.7	28.8	29.1	26.4	27.6	26.8	27.9	28.2
	4H	28.3	29.3	28.7	29.7	30.0	27.1	28.2	27.5	28.5	28.8
	6H	29.1	30.0	29.5	30.4	30.8	27.5	28.5	27.9	28.8	29.2
	8H	29.5	30.3	29.9	30.7	31.1	27.6	28.4	28.0	28.8	29.2
	12H	29.8	30.6	30.2	31.0	31.4	27.6	28.4	28.0	28.8	29.2
8H	4H	28.5	29.4	28.9	29.8	30.2	27.5	28.4	27.9	28.7	29.1
	6H	29.5	30.3	30.0	30.7	31.1	28.1	28.8	28.5	29.2	29.7
	8H	30.0	30.7	30.5	31.1	31.6	28.2	28.8	28.6	29.3	29.7
	12H	30.5	31.0	30.9	31.5	32.0	28.2	28.8	28.7	29.3	29.7
12H	4H	28.5	29.3	29.0	29.7	30.1	27.6	28.4	28.0	28.8	29.2
	6H	29.6	30.2	30.0	30.7	31.1	28.2	28.9	28.7	29.3	29.7
	8H	30.1	30.7	30.6	31.2	31.6	28.4	28.9	28.8	29.4	29.8
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 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 7608 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.1)

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:7.500 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-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	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		

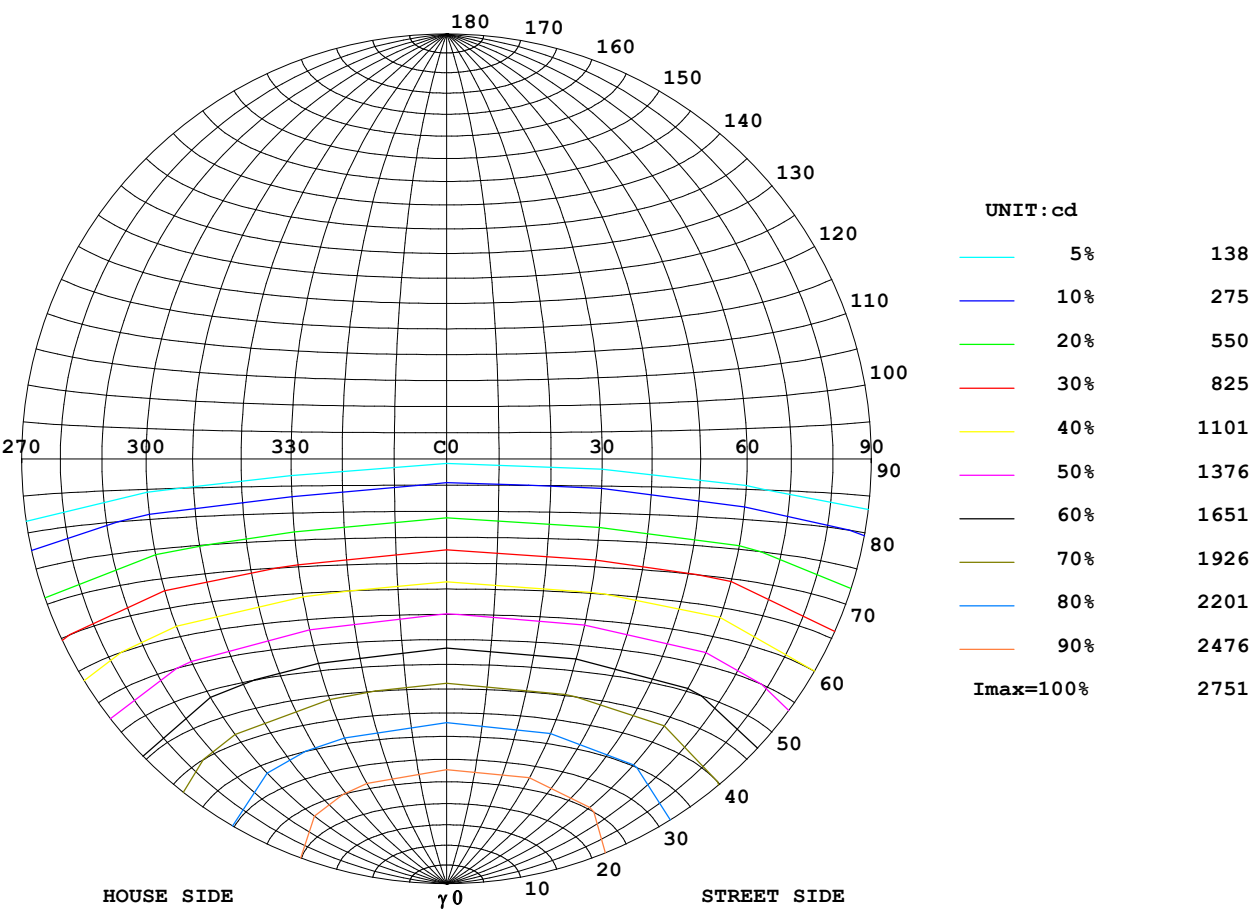
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-20-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 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-1000 H-95 MM	SERIAL No.:



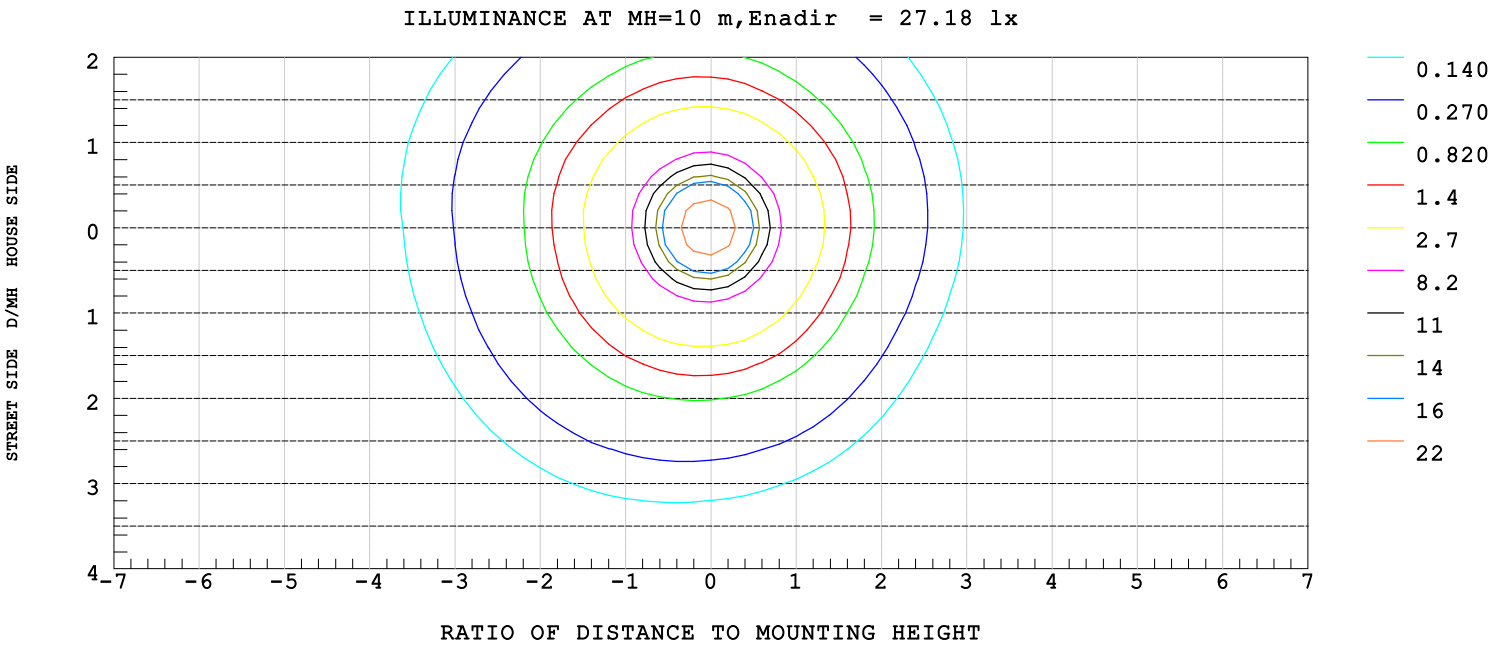
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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-1000 H-95 MM	SERIAL No.:



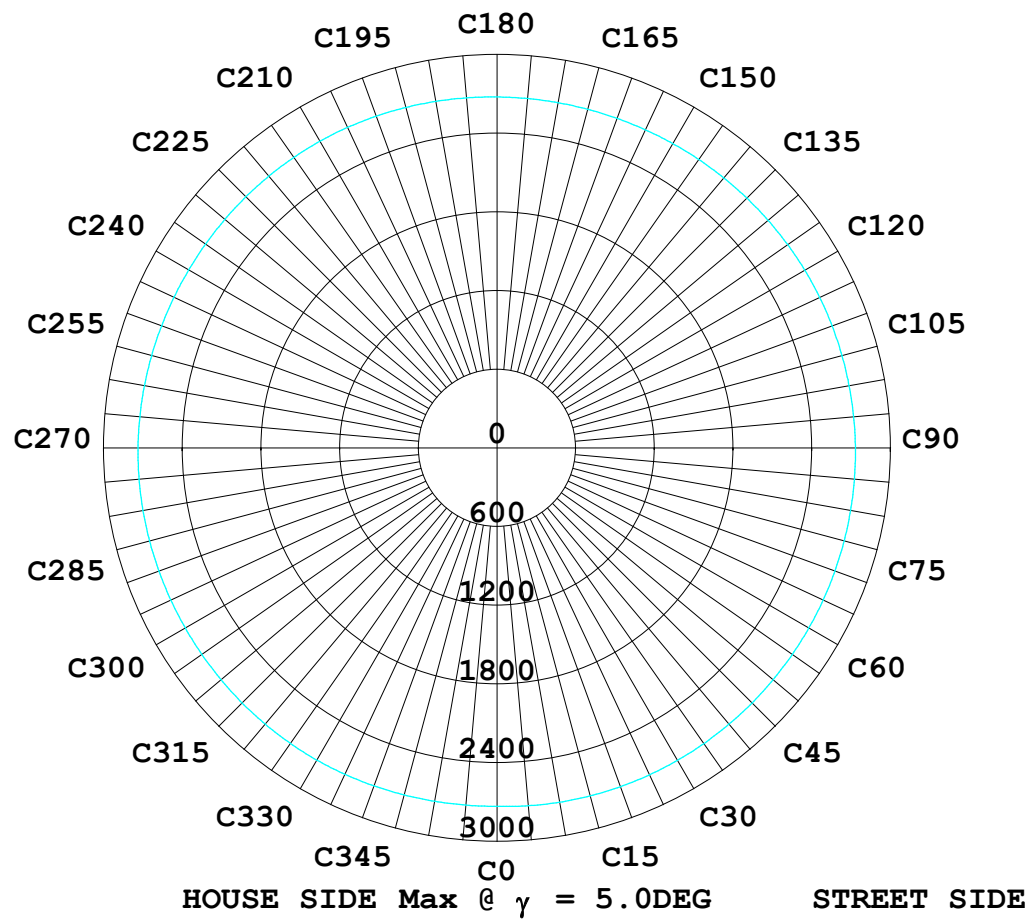
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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-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:7.500 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-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	2718	2740	2744	2747	2744	2732	2718	2740	2744	2747	2744	2732
5.0	2733	2751	2746	2732	2710	2680	2676	2702	2715	2738	2746	2749
10.0	2721	2737	2721	2687	2650	2607	2609	2635	2658	2696	2724	2743
15.0	2687	2696	2671	2619	2569	2514	2518	2546	2580	2630	2675	2712
20.0	2623	2630	2593	2522	2462	2395	2406	2440	2478	2546	2602	2653
25.0	2535	2536	2485	2404	2332	2256	2273	2307	2353	2434	2503	2569
30.0	2427	2415	2359	2262	2186	2095	2114	2156	2208	2301	2381	2458
35.0	2292	2272	2208	2093	2018	1921	1949	1993	2042	2153	2240	2326
40.0	2137	2104	2041	1921	1828	1732	1764	1807	1863	1984	2072	2172
45.0	1970	1932	1864	1735	1638	1537	1568	1610	1673	1794	1896	2004
50.0	1779	1746	1672	1534	1432	1324	1362	1409	1473	1605	1708	1817
55.0	1583	1542	1463	1318	1214	1102	1143	1192	1258	1396	1505	1622
60.0	1380	1330	1252	1101	996	881	918	969	1034	1177	1289	1412
65.0	1161	1109	1026	872	768	655	697	750	812	959	1070	1196
70.0	942	883	804	649	550	443	478	529	588	731	841	970
75.0	715	654	576	427	338	261	275	321	374	509	613	740
80.0	493	432	359	261	149	77.3	100	138	180	305	399	519
85.0	291	260	150	63.5	46.1	19.1	16.3	37.6	43.1	118	195	306
90.0	105	63.0	41.5	19.5	26.8	22.8	12.6	14.4	7.65	27.0	43.9	113

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
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