

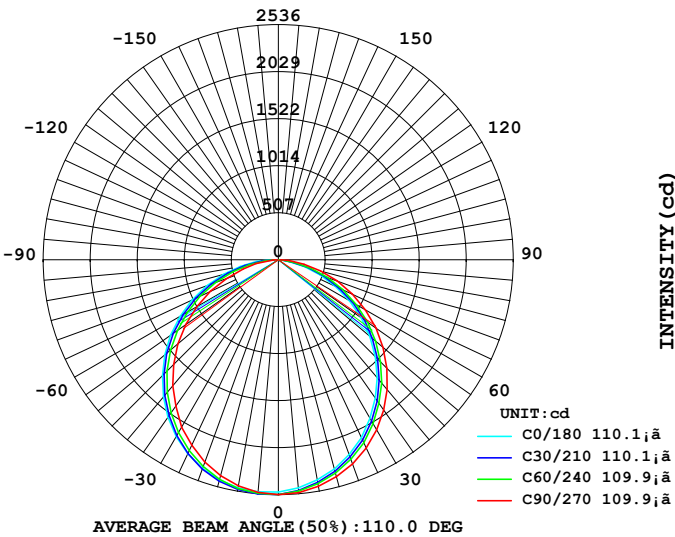
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

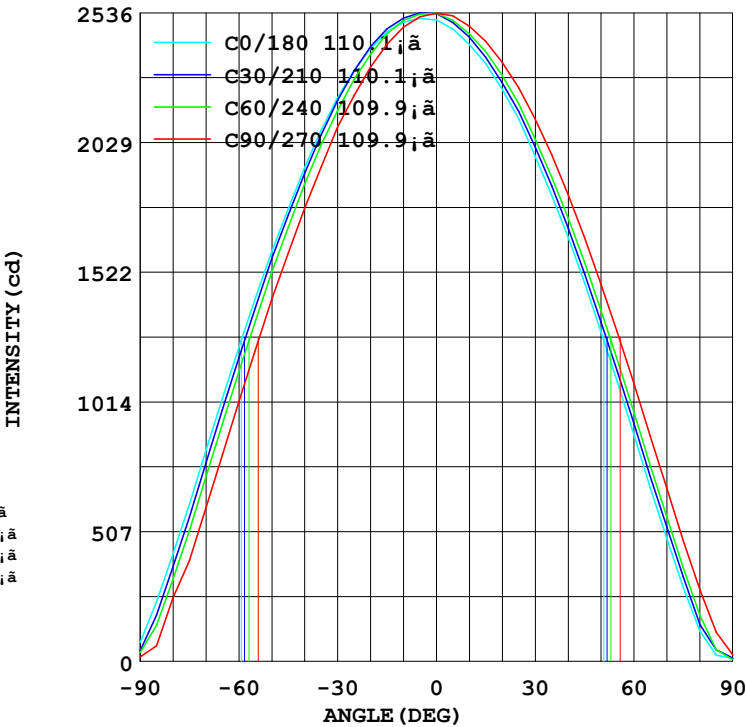
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-1000 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2536	S/MH (C0/180)	1.30
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	78	TOTAL FLUX (lm)	6998.6	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	88.9	Current (A)	0.356
NOMINAL FLUX (lm)	6998.7	η up (%)	0.0	Power (W)	78.75
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.5	Effictive Flux(lm)	6875.0	EEI	0.156

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:7.300 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-1000 H-95 MM	SERIAL No.:

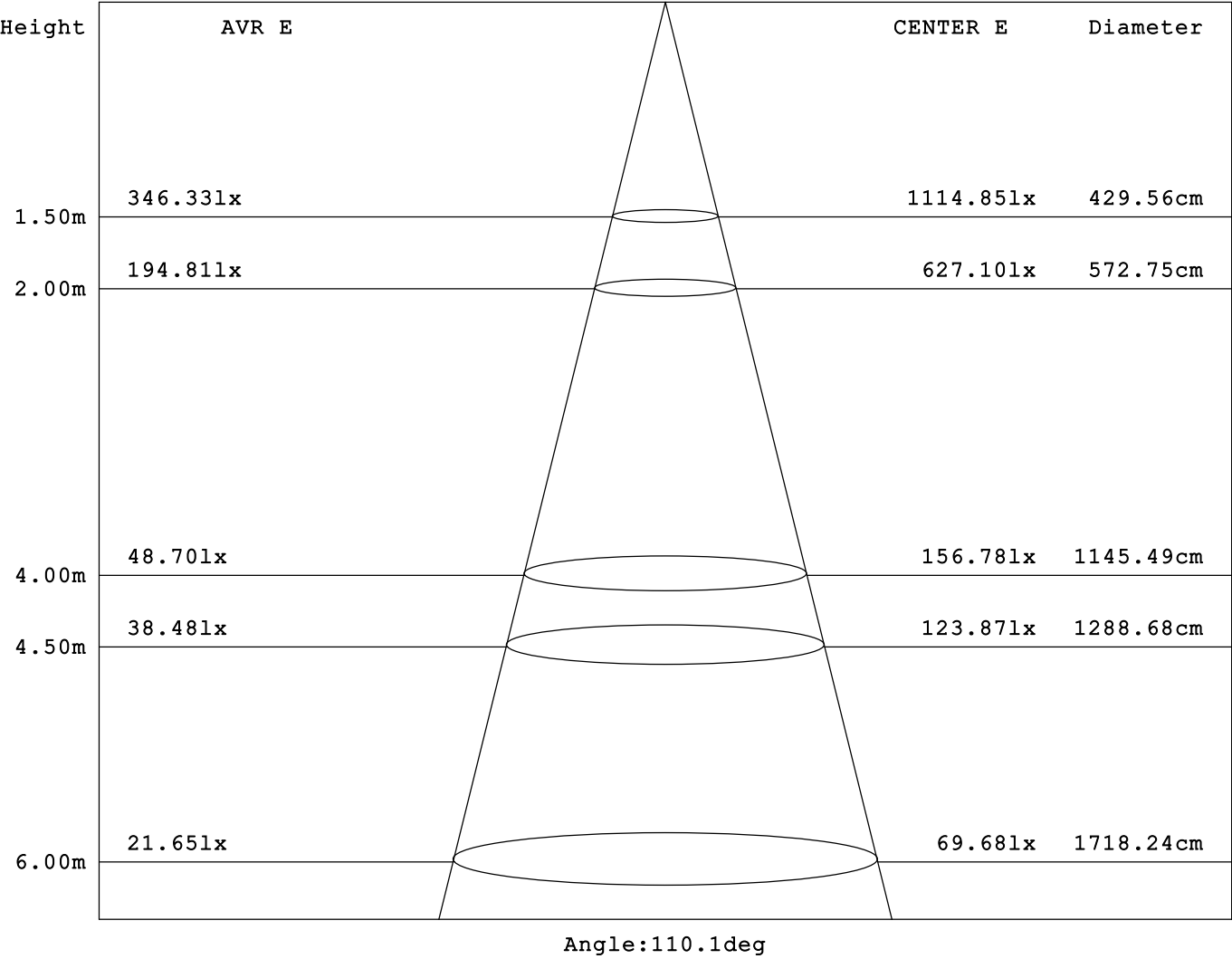
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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:7.300 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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	2499	2511	2480	2436	2413	2448	2484	2518	0- 10	238.7	238.7
20.0	2397	2389	2324	2255	2237	2277	2343	2408	10- 20	680.9	919.6
30.0	2204	2174	2090	1990	1977	2028	2121	2208	20- 30	1025	1945
40.0	1931	1888	1772	1667	1660	1715	1826	1933	30- 40	1224	3168
50.0	1603	1548	1415	1299	1289	1350	1475	1595	40- 50	1255	4424
60.0	1227	1159	1014	891.2	886.9	951.6	1086	1215	50- 60	1121	5545
70.0	822.4	747.0	598.4	483.3	479.6	543.7	675.7	805.4	60- 70	841.0	6386
80.0	418.7	344.0	246.5	119.1	119.6	162.5	280.9	393.7	70- 80	472.3	6858
90.0	74.97	39.27	18.06	22.88	11.61	10.28	25.63	59.20	80- 90	140.2	6999
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

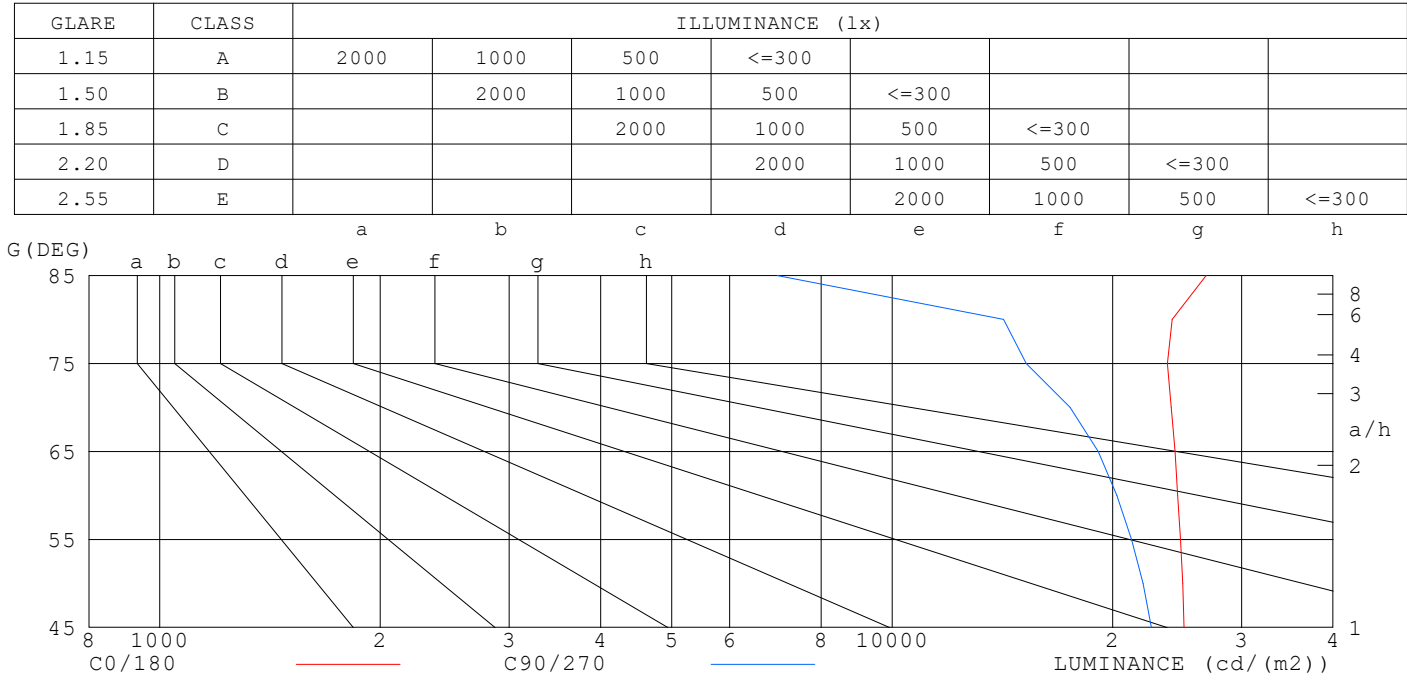
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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	26836	6970
80	24115	14196
75	23767	15249
70	24048	17497
65	24343	19119
60	24532	20270
55	24765	21236
50	24932	22017
45	25038	22592

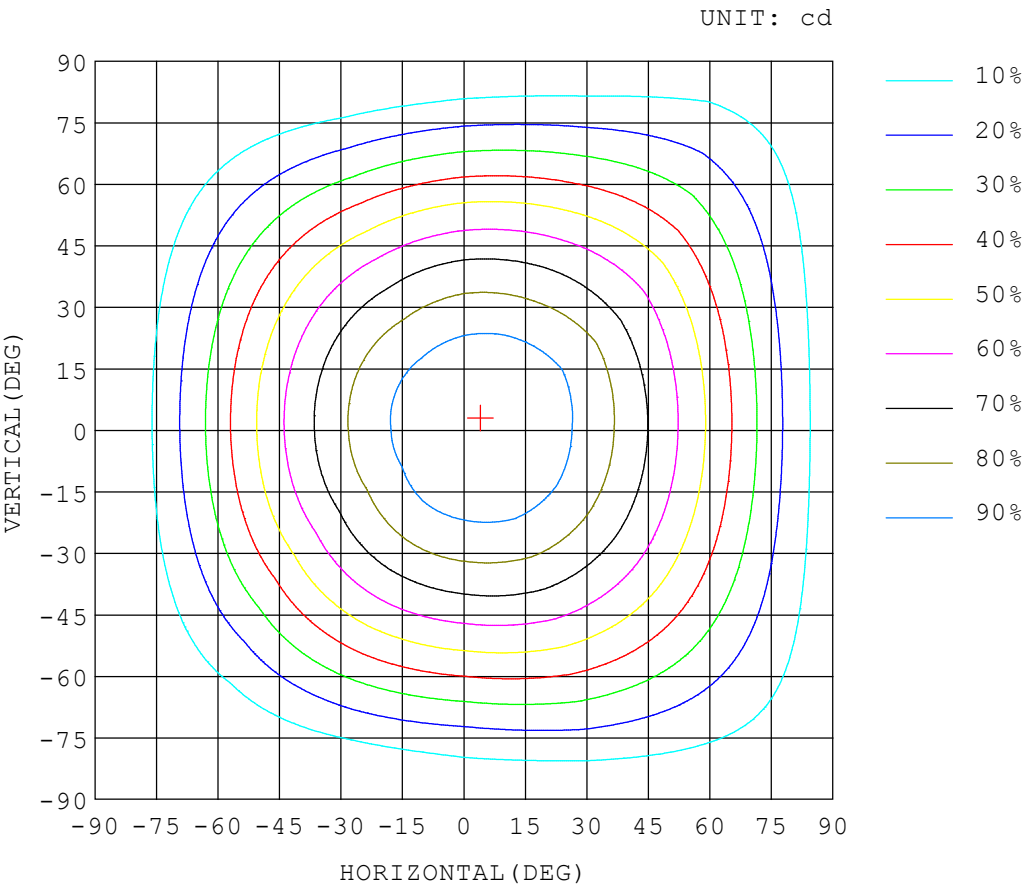
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-1000 H-95 MM	SERIAL No.:



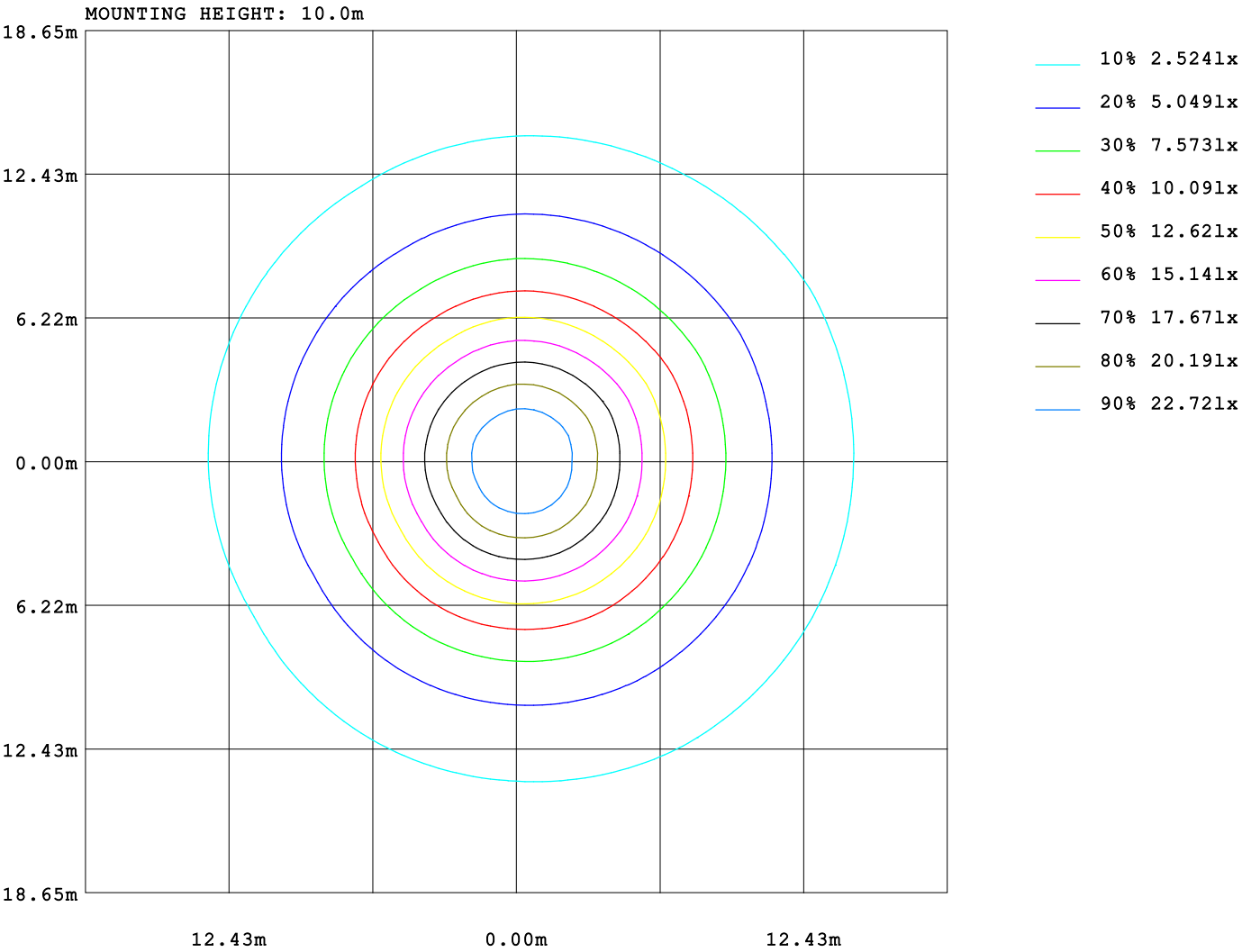
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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:7.300 m
Remarks: 4000K



AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: DISC BACKLIT										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-1000 H-95 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a				
	90	0.04	0.15	0.33	0.57	0.87	1.25	1.91	2.85	3.70	4.25	4.42	4.29	4.02	3.61	2.96	1.98	0.97	0.25	38.4	4.91					
	80	0.05	0.25	0.89	2.15	4.10	6.46	9.07	11.7	13.7	14.6	14.4	13.2	11.3	9.06	6.54	3.86	1.65	0.35	124	111					
	70	0.06	0.51	2.06	5.23	9.44	14.0	18.6	22.9	25.8	26.9	26.0	23.4	19.6	15.1	10.4	5.82	2.35	0.44	229	225					
	60	0.07	0.88	3.72	8.66	14.9	21.8	28.4	34.1	37.9	39.1	37.5	33.5	27.8	21.2	14.3	7.76	3.03	0.53	336	333					
	50	0.09	1.32	5.32	11.8	20.1	29.1	37.4	44.5	49.1	50.3	48.0	42.7	35.4	26.8	17.7	9.53	3.65	0.61	434	432					
	40	0.12	1.75	6.70	14.6	24.7	35.4	45.4	53.4	58.8	60.0	57.1	50.8	41.8	31.5	20.5	11.0	4.18	0.68	519	518					
	30	0.14	2.11	7.80	16.9	28.2	40.4	51.7	60.7	66.6	68.0	64.7	57.4	47.0	34.8	22.7	12.1	4.60	0.73	587	586					
		0.16	2.35	8.54	18.4	30.6	43.8	56.1	65.9	72.0	73.5	70.0	62.0	50.3	37.0	24.1	12.9	4.88	0.77	634	633					
		0.17	2.46	8.88	19.1	31.7	45.3	58.1	68.4	74.8	76.3	72.2	63.6	51.6	38.0	24.8	13.3	5.02	0.79	655	654					
		0.16	2.43	8.80	18.9	31.5	44.9	57.7	67.9	74.6	76.1	71.9	63.2	51.3	37.8	24.6	13.2	4.99	0.78	651	651					
		0.15	2.27	8.29	17.9	29.9	42.7	54.8	65.2	71.7	73.2	69.4	60.9	49.3	36.4	23.7	12.7	4.80	0.76	625	624					
	-30	0.14	1.98	7.40	16.1	27.0	38.8	50.5	60.0	65.8	67.2	63.9	56.3	45.7	33.8	21.9	11.8	4.46	0.71	574	573					
	-40	0.11	1.60	6.16	13.6	23.1	33.9	44.2	52.6	57.6	58.8	56.3	49.8	40.6	30.0	19.5	10.5	4.00	0.65	504	502					
	-50	0.08	1.16	4.68	10.5	18.5	27.7	36.4	43.3	47.5	48.7	46.8	41.8	34.1	25.3	16.5	8.88	3.43	0.58	417	415					
	-60	0.06	0.73	3.07	7.31	13.5	20.5	27.3	32.7	36.1	37.3	36.1	32.5	26.6	19.8	12.9	7.04	2.78	0.50	317	314					
	-70	0.05	0.40	1.56	4.08	8.11	12.8	17.5	21.3	23.8	24.9	24.5	22.3	18.5	13.8	9.15	5.09	2.08	0.41	211	205					
	-80	0.05	0.19	0.60	1.49	3.19	5.45	7.97	10.2	11.9	12.8	13.0	12.2	10.3	7.92	5.38	3.10	1.39	0.32	108	91.3					
	-90	0.04	0.15	0.28	0.46	0.79	1.23	1.72	2.26	2.74	3.22	3.60	3.69	3.39	2.77	2.06	1.39	0.77	0.23	30.8	1.21					
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	1.74	22.7	85.1	188	321	466	605	721	795	816	780	694	570	425	280	152	59.1	10.0	6999							
Φ a	0.00	12.2	76.9	180	313	459	598	713	788	809	774	688	563	419	275	147	53.3	4.88		6875						

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

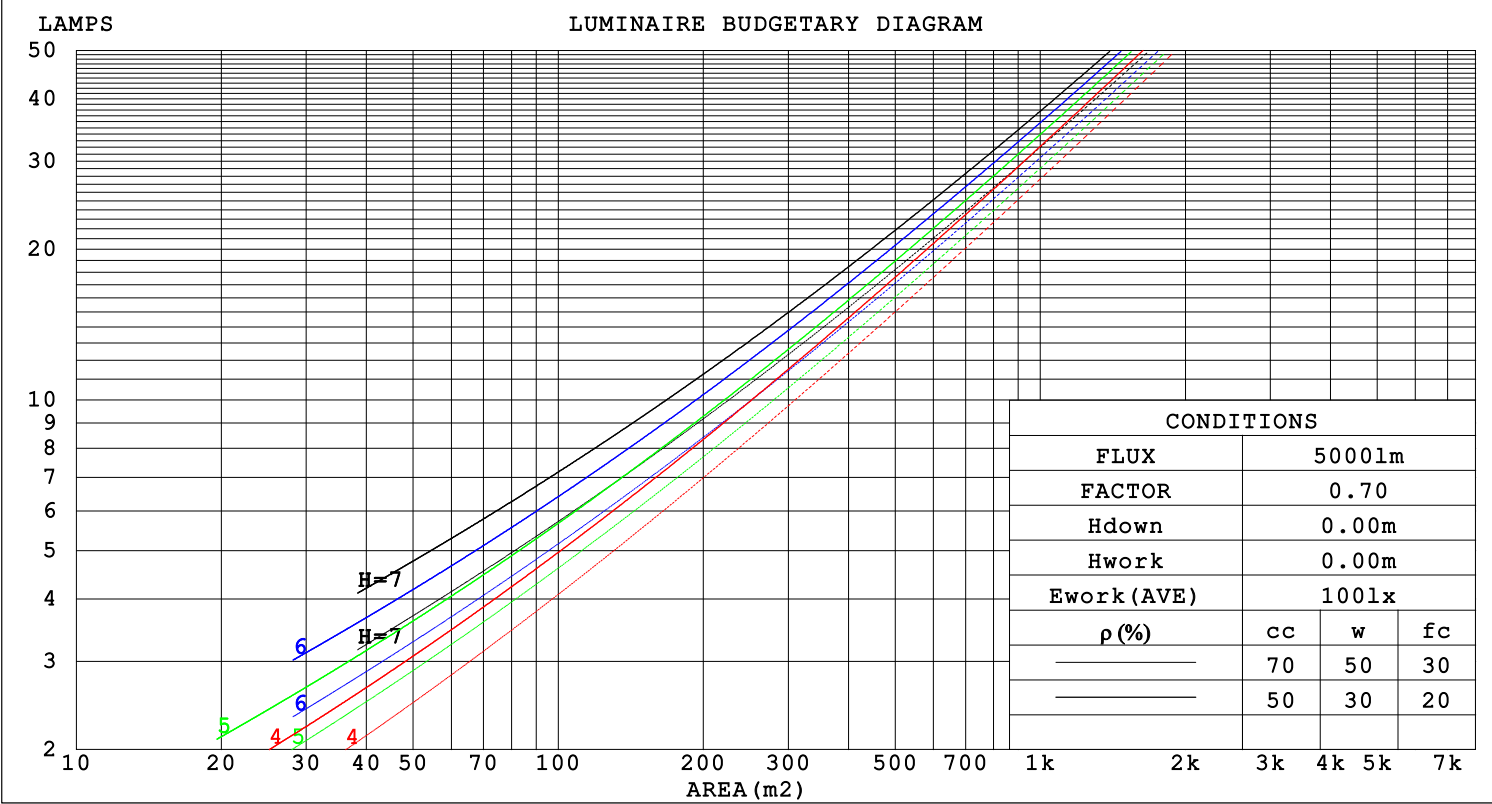
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: DISC BACKLIT								TYPE: 4000K 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	.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	.51	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.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:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER:														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DISC BACKLIT							TYPE: 4000K 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.308	.175	.056	.301	.172	.055	.288	.165	.053	.276	.159	.051	.265	.153	.049	
2.0	.290	.159	.049	.284	.156	.048	.272	.151	.047	.261	.147	.046	.251	.142	.045	
3.0	.268	.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	.036	.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	.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	.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	.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:7.300 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DISC BACKLIT					TYPE: 4000K 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	24.3	25.9	24.6	26.1	26.3	23.7	25.3	24.0	25.5	25.7
	3H	26.1	27.5	26.3	27.7	27.9	25.1	26.5	25.4	26.7	27.0
	4H	26.8	28.1	27.1	28.4	28.6	25.6	26.9	25.9	27.2	27.4
	6H	27.4	28.7	27.7	28.9	29.2	26.0	27.2	26.3	27.5	27.8
	8H	27.6	28.9	28.0	29.1	29.4	25.9	27.2	26.3	27.4	27.7
	12H	27.8	29.0	28.2	29.3	29.6	25.9	27.1	26.3	27.4	27.7
4H	2H	24.9	26.3	25.3	26.5	26.8	24.5	25.8	24.8	26.1	26.3
	3H	26.8	28.0	27.2	28.3	28.6	26.0	27.2	26.4	27.5	27.8
	4H	27.7	28.8	28.1	29.1	29.4	26.7	27.8	27.1	28.1	28.4
	6H	28.5	29.4	28.9	29.8	30.1	27.2	28.1	27.6	28.5	28.8
	8H	28.8	29.6	29.2	30.0	30.4	27.2	28.1	27.6	28.4	28.8
	12H	29.0	29.8	29.4	30.2	30.6	27.2	28.0	27.6	28.4	28.8
8H	4H	28.0	28.8	28.4	29.2	29.6	27.1	28.0	27.5	28.3	28.7
	6H	28.9	29.6	29.3	30.0	30.4	27.7	28.4	28.1	28.8	29.3
	8H	29.3	29.9	29.7	30.3	30.8	27.8	28.4	28.2	28.9	29.3
	12H	29.6	30.2	30.1	30.6	31.1	27.9	28.4	28.3	28.9	29.3
12H	4H	28.0	28.8	28.4	29.2	29.6	27.1	27.9	27.5	28.3	28.7
	6H	28.9	29.5	29.4	30.0	30.4	27.8	28.4	28.2	28.8	29.3
	8H	29.3	29.9	29.8	30.3	30.8	27.9	28.5	28.4	28.9	29.4
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		+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 6999 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.8)

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:7.300 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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	79	72	87	78	71	84	76	70	63
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		

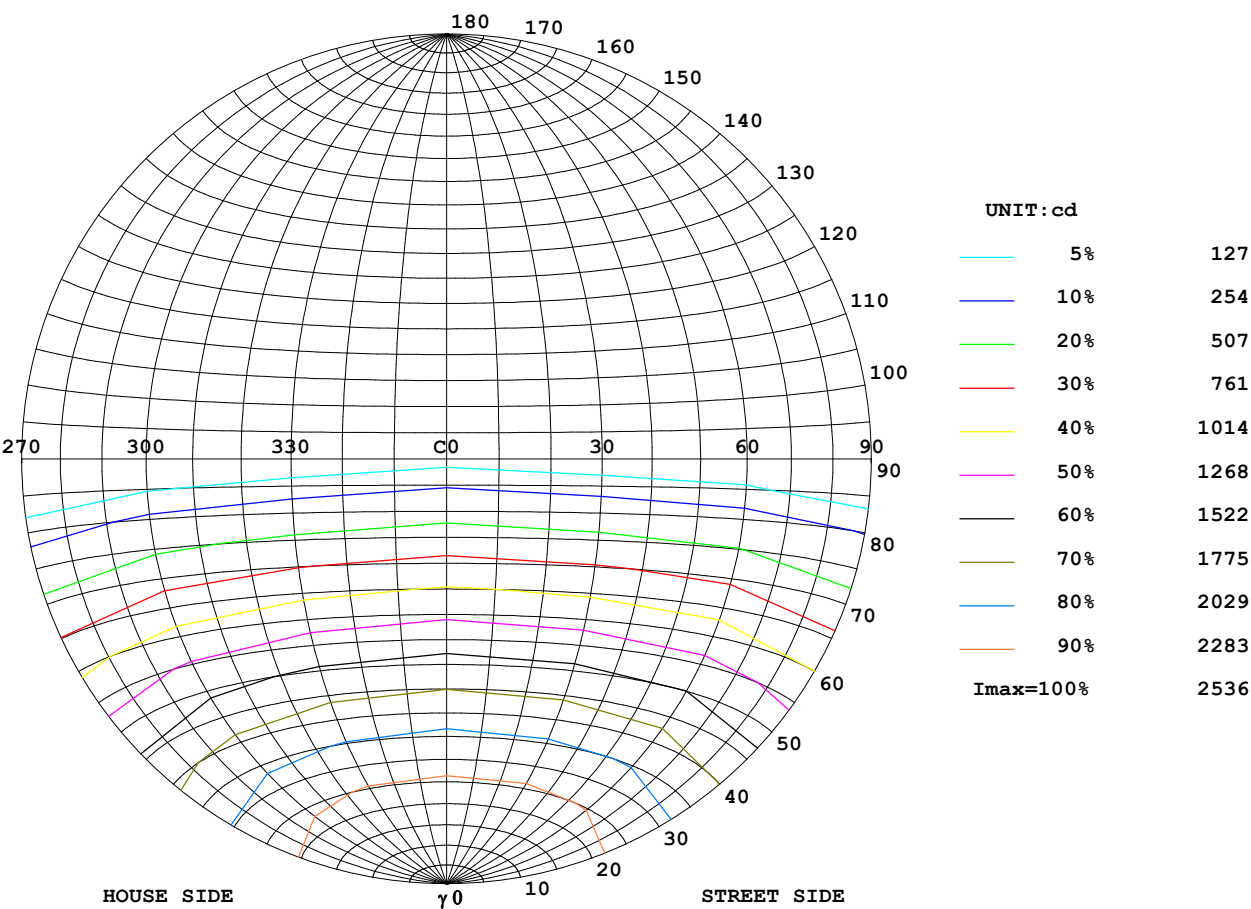
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.300 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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

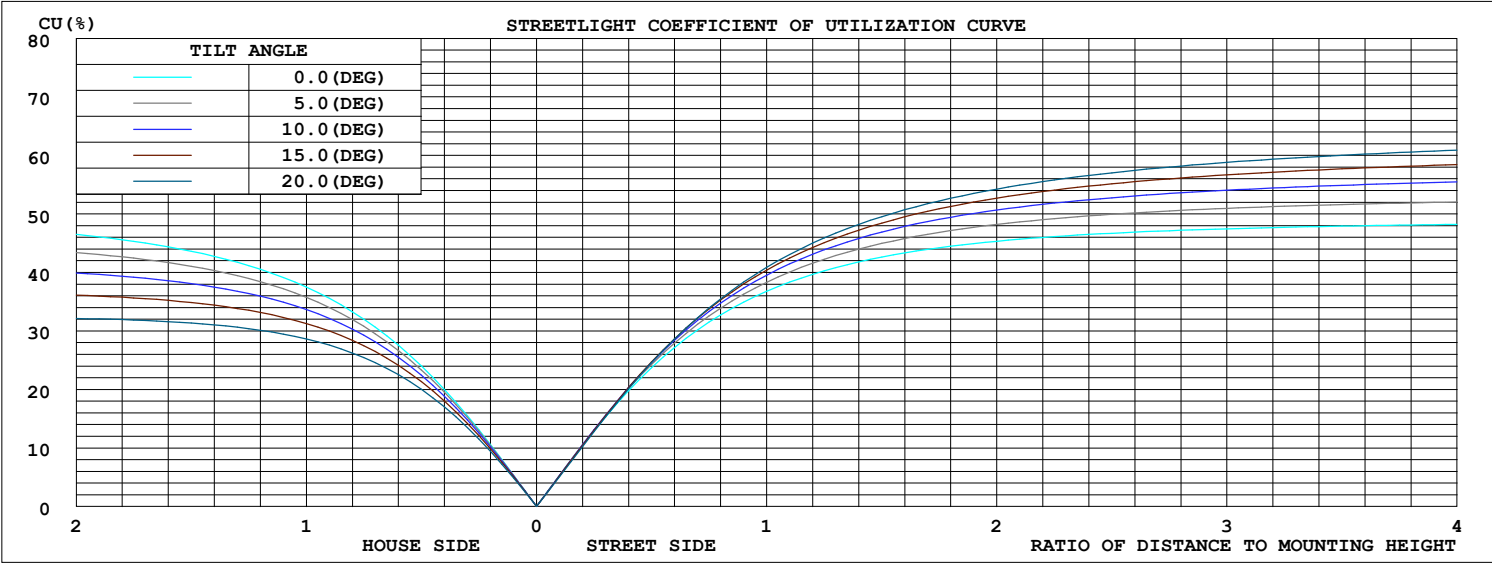
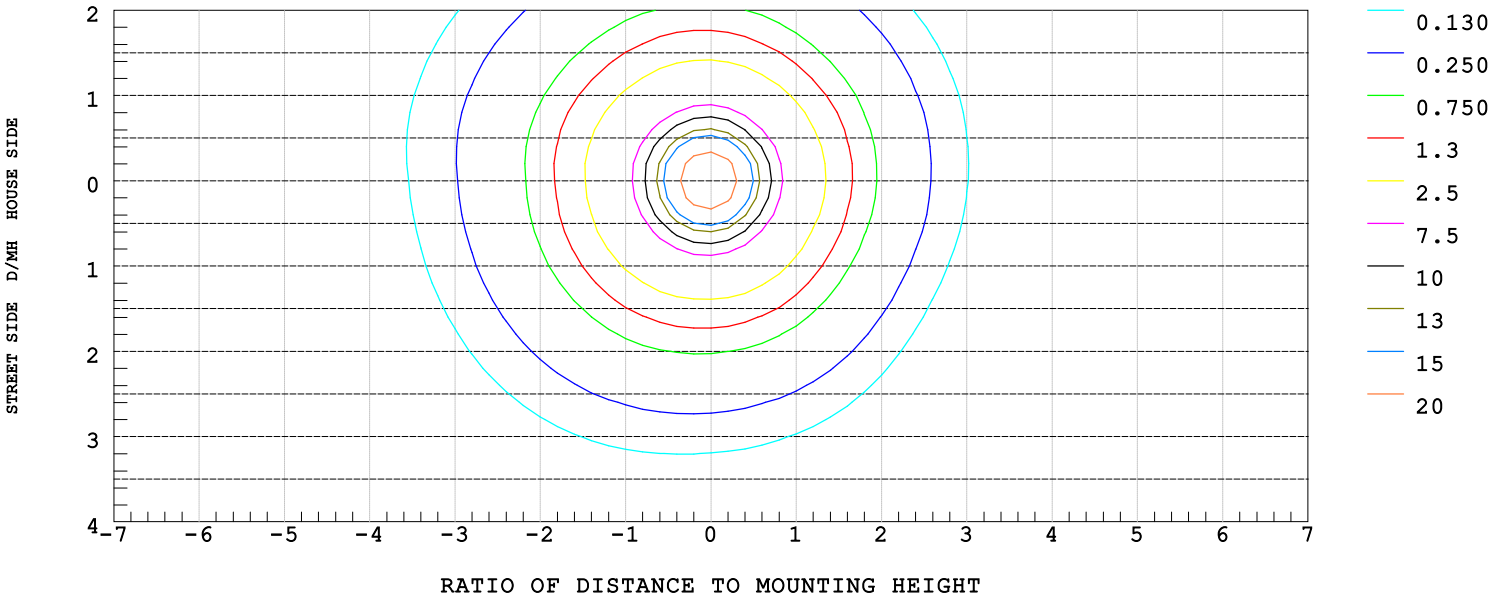
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-1000 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 25.08 lx



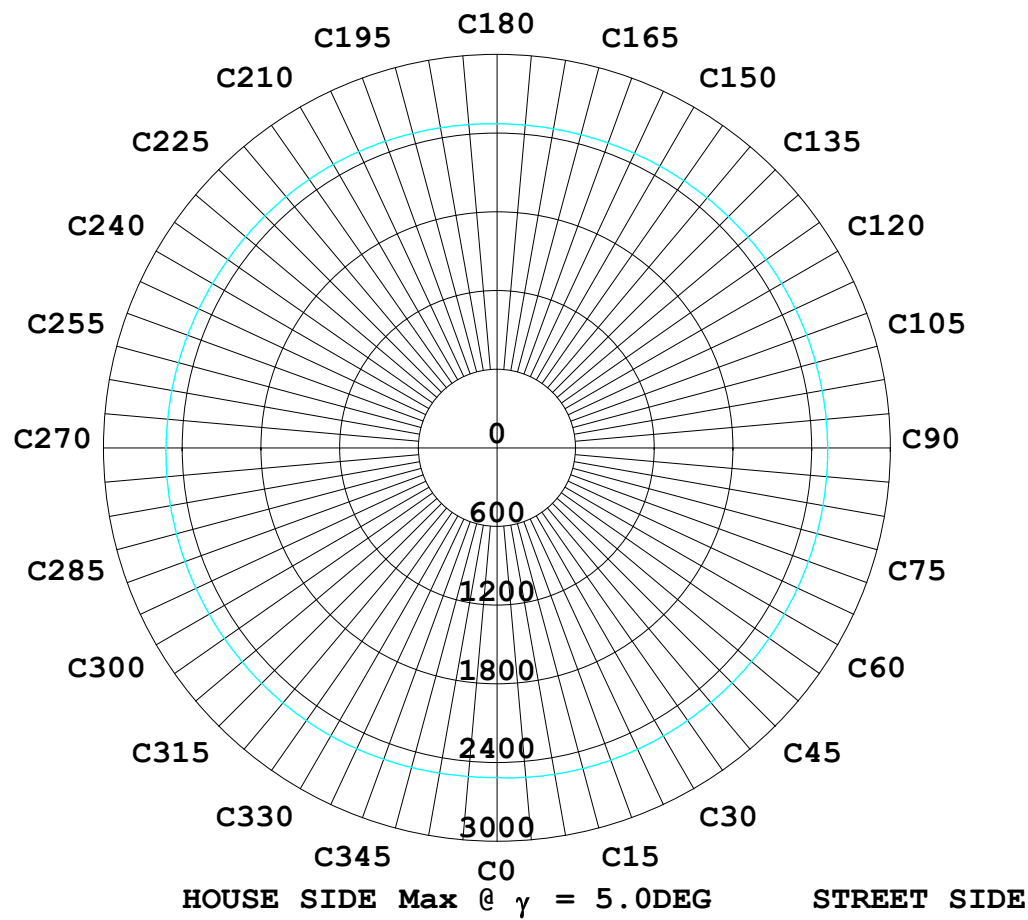
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-20-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.300 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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:7.300 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 4000K 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	2508	2533	2535	2534	2534	2520	2508	2533	2535	2534	2534	2520
5.0	2514	2536	2531	2521	2507	2483	2472	2498	2507	2525	2535	2536
10.0	2499	2516	2506	2480	2453	2418	2413	2441	2454	2484	2510	2525
15.0	2462	2472	2454	2412	2375	2332	2337	2362	2384	2424	2459	2489
20.0	2397	2404	2375	2324	2280	2230	2237	2263	2291	2343	2389	2427
25.0	2311	2308	2275	2211	2162	2104	2121	2150	2180	2243	2295	2345
30.0	2204	2193	2155	2090	2025	1954	1977	2013	2043	2121	2179	2237
35.0	2076	2057	2019	1931	1877	1801	1823	1860	1894	1981	2039	2114
40.0	1931	1909	1868	1772	1705	1628	1660	1696	1735	1826	1892	1974
45.0	1770	1746	1698	1598	1527	1444	1480	1515	1560	1656	1728	1790
50.0	1603	1574	1522	1415	1342	1256	1289	1327	1372	1475	1551	1639
55.0	1420	1383	1331	1218	1143	1053	1093	1135	1179	1287	1365	1459
60.0	1227	1186	1132	1014	937	845	887	930	974	1086	1166	1264
65.0	1029	985	929	808	733	642	678	723	765	880	960	1062
70.0	822	774	720	598	527	439	480	524	563	676	754	857
75.0	615	565	512	395	331	253	289	331	366	472	546	646
80.0	419	368	320	247	141	96.8	120	144	181	281	347	441
85.0	234	181	141	60.7	48.3	24.7	24.0	45.7	45.8	114	167	254
90.0	74.9	42.5	36.0	18.0	25.0	20.6	11.6	13.5	6.98	25.6	34.5	83.8

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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