

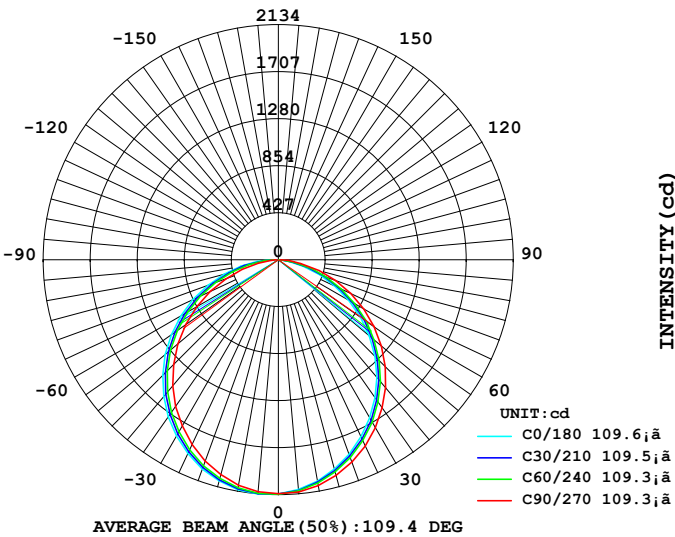
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

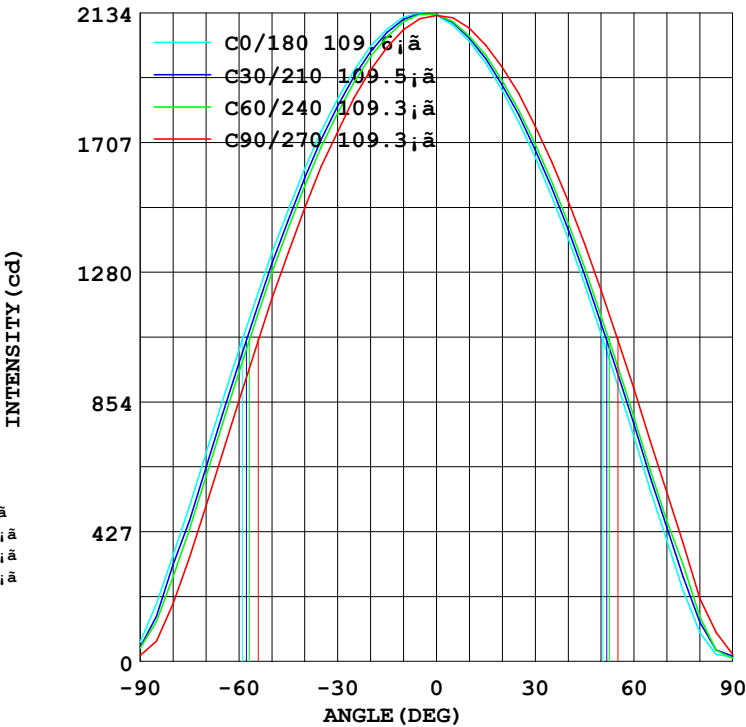
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2134	S/MH (C0/180)	1.29
MODEL	DISC BACKLIT	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	50	TOTAL FLUX (lm)	5846.2	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	115.3	Current (A)	0.234
NOMINAL FLUX (lm)	5846.2	η up (%)	0.0	Power (W)	50.70
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.8	Effictive Flux(lm)	5739.3	EEI	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:

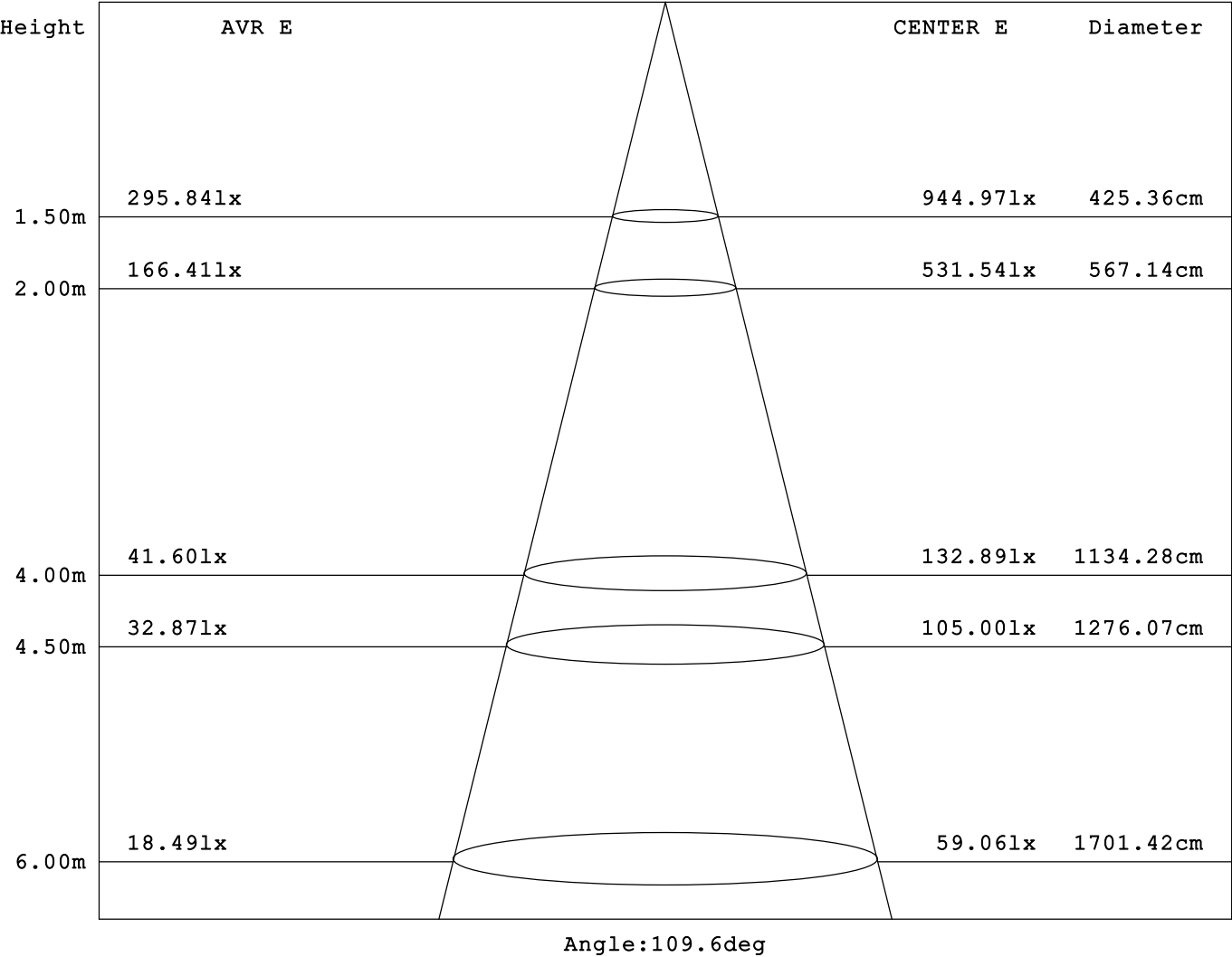
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

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: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2120	2109	2079	2046	2041	2054	2084	2110	0- 10	200.7	200.7
20.0	2023	1998	1946	1894	1880	1904	1956	2004	10- 20	570.9	771.6
30.0	1850	1816	1742	1676	1660	1694	1762	1825	20- 30	856.5	1628
40.0	1621	1577	1491	1411	1393	1433	1516	1592	30- 40	1023	2651
50.0	1342	1292	1192	1102	1077	1124	1221	1309	40- 50	1049	3700
60.0	1023	964.3	855.0	762.9	739.3	792.1	897.3	988.9	50- 60	934.8	4635
70.0	682.7	620.8	509.4	423.0	397.5	450.9	555.6	648.3	60- 70	699.9	5335
80.0	347.1	296.4	187.6	123.9	95.29	137.6	207.0	309.2	70- 80	392.9	5728
90.0	63.86	45.01	19.50	24.13	15.31	13.76	22.32	47.35	80- 90	118.6	5846
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:06-18-2025

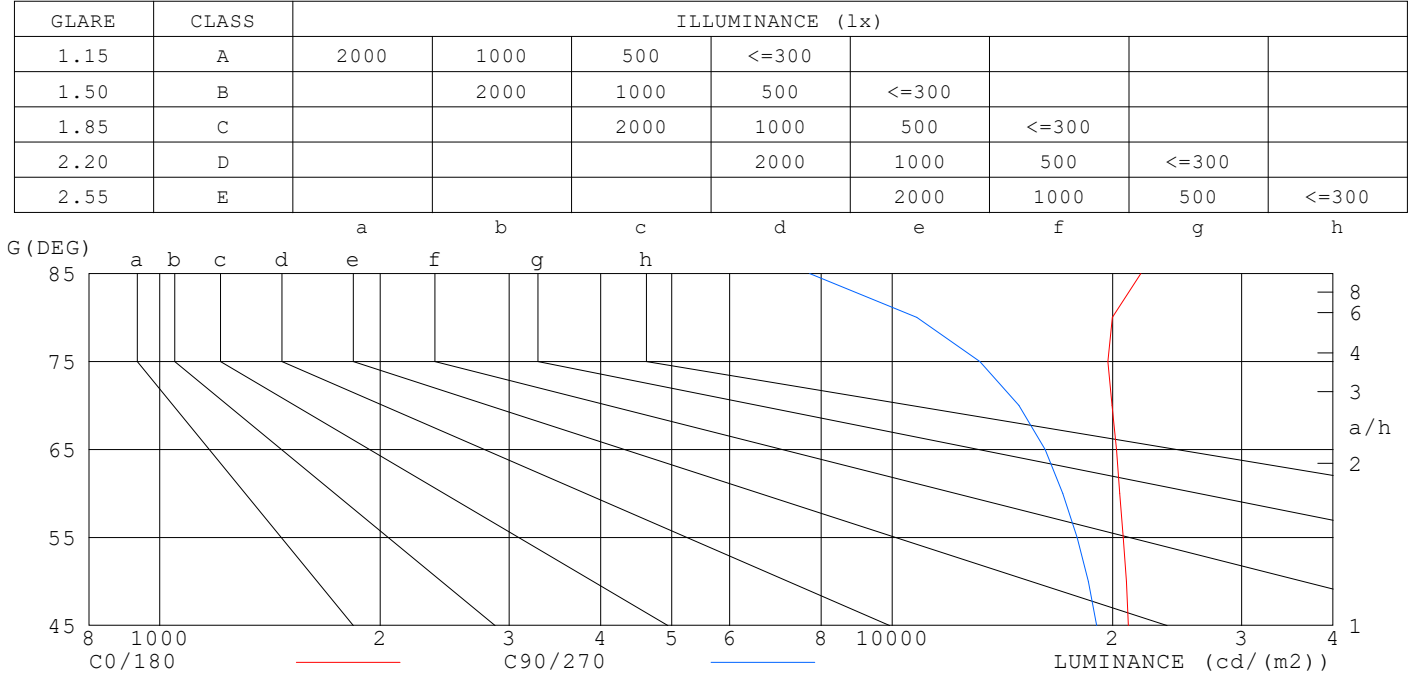
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	21852	7718
80	19992	10805
75	19714	13182
70	19963	14895
65	20260	16174
60	20453	17102
55	20682	17891
50	20885	18541
45	21012	19021

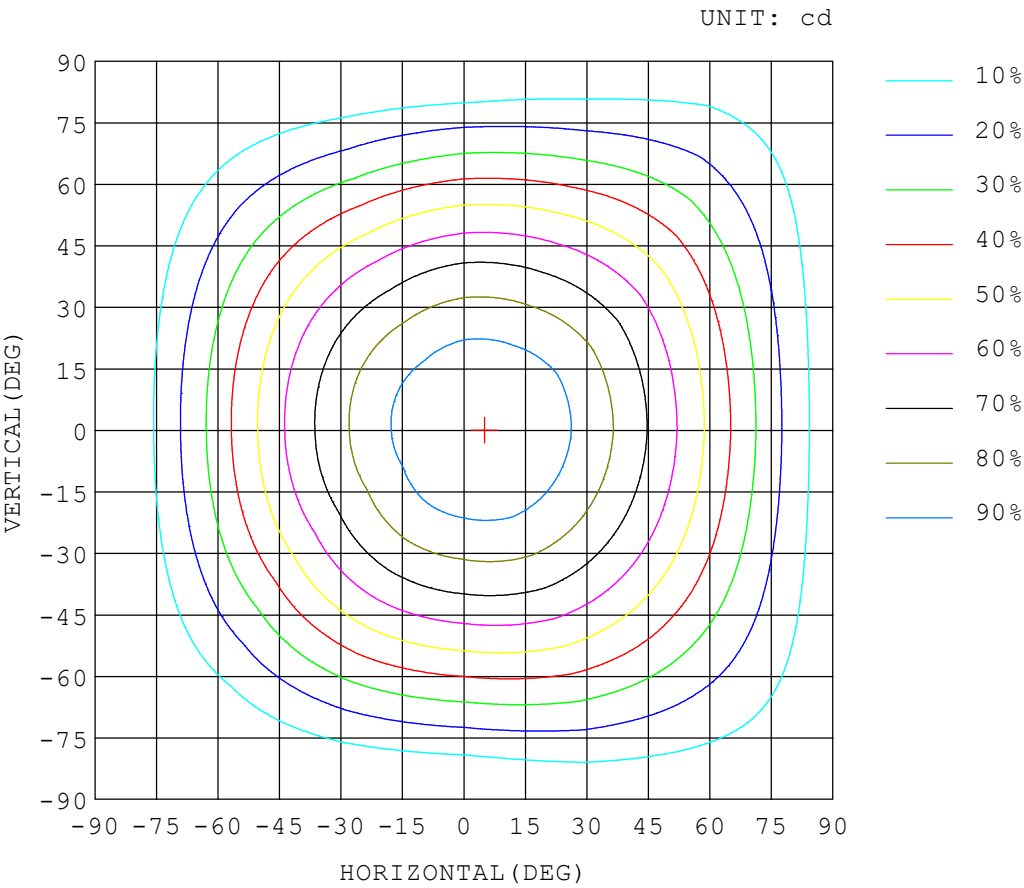
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:



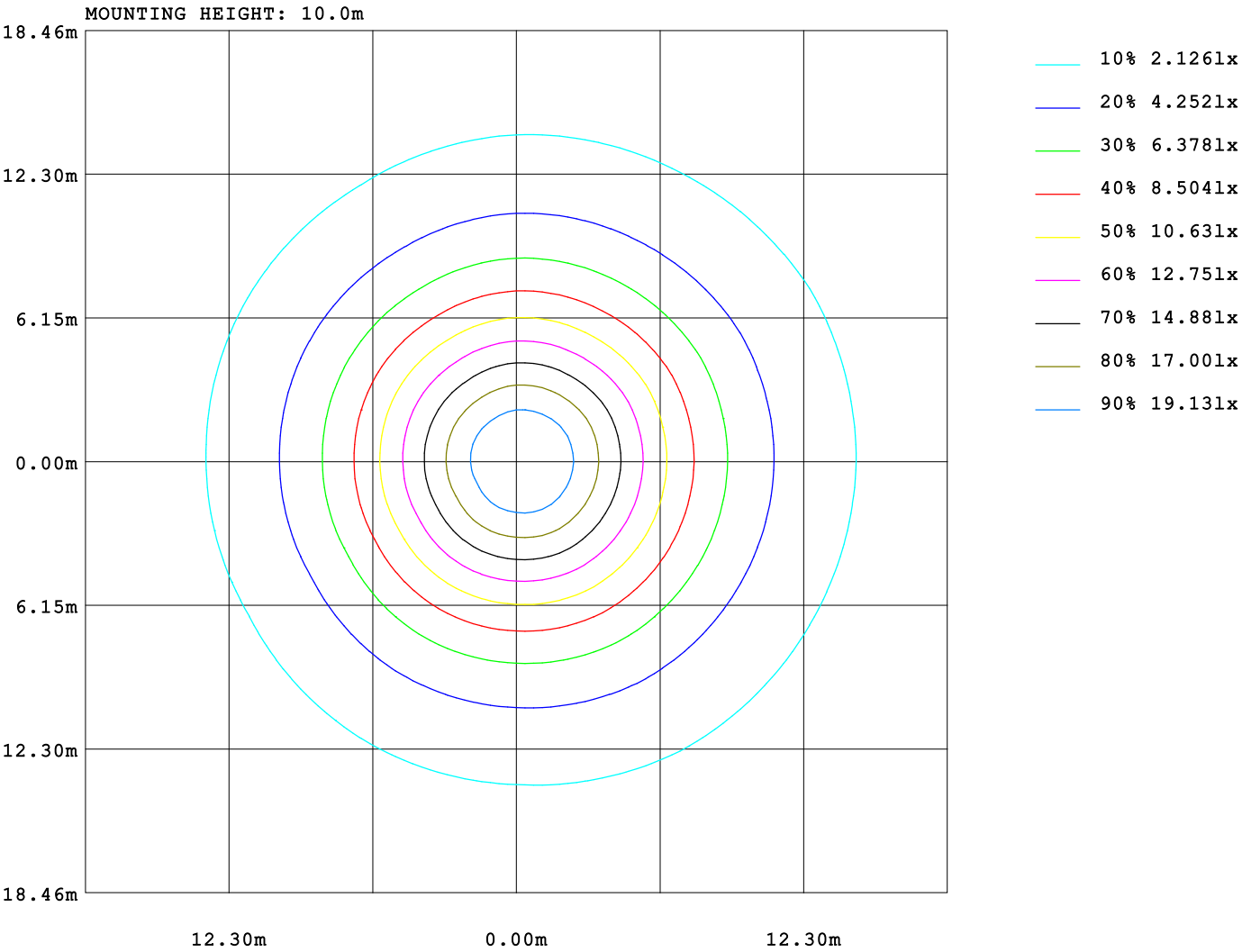
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: DISC BACKLIT										TYPE: 5700K CRI-90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-600 H-95 MM					SERIAL No.:					

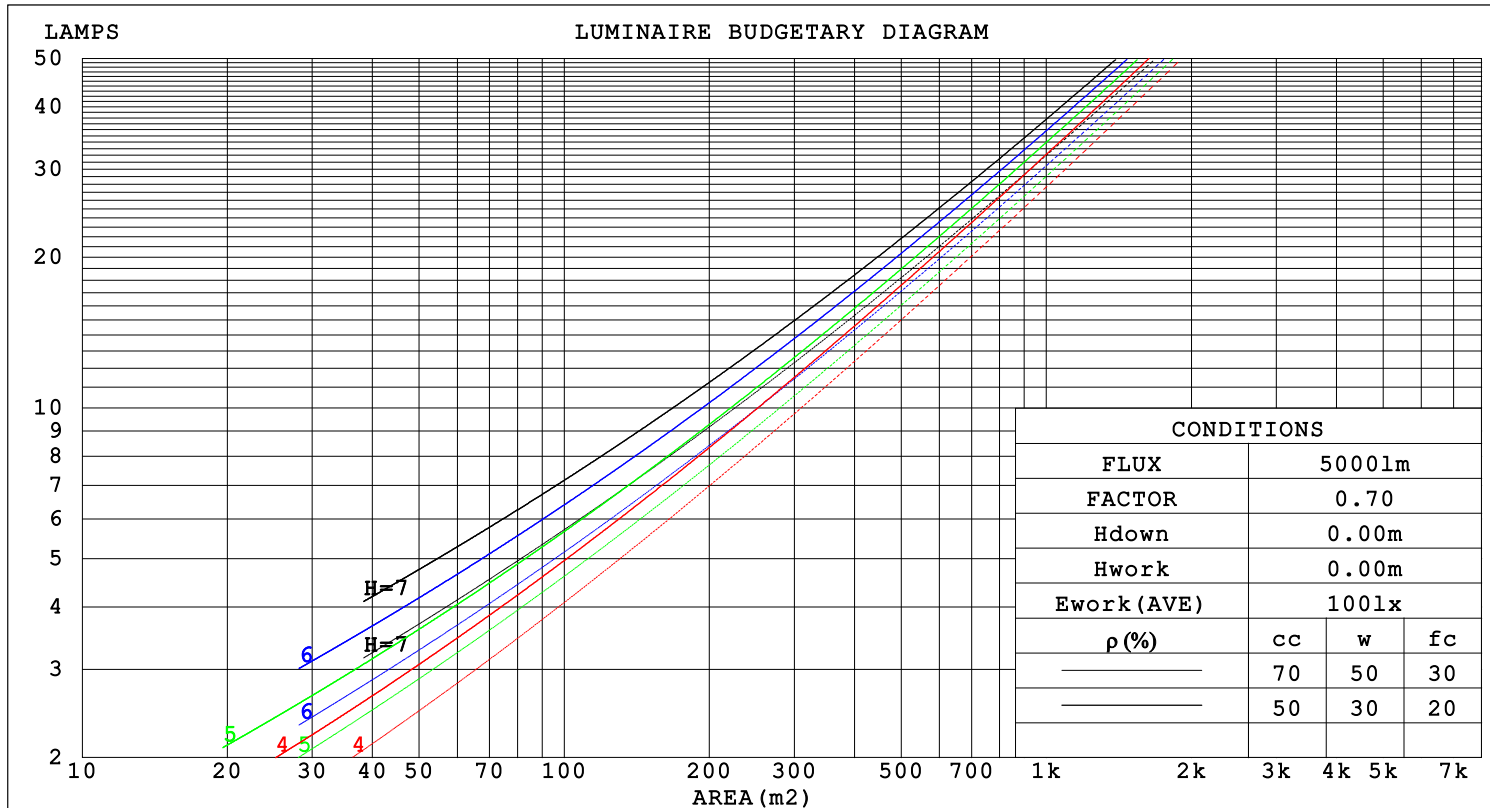
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a				
	0.04	0.16	0.32	0.51	0.75	1.04	1.56	2.28	2.92	3.33	3.46	3.35	3.14	2.82	2.30	1.54	0.78	0.21	30.5	2.01						
90																										
80	0.05	0.23	0.77	1.86	3.48	5.46	7.59	9.65	11.1	11.8	11.5	10.4	8.96	7.16	5.17	3.06	1.32	0.29	100	88.1						
70	0.06	0.43	1.77	4.42	7.92	11.6	15.3	18.8	21.3	22.1	21.1	18.9	15.8	12.1	8.37	4.68	1.89	0.36	187	184						
60	0.06	0.74	3.10	7.26	12.4	18.1	23.4	28.2	31.4	32.2	30.7	27.3	22.6	17.1	11.5	6.28	2.46	0.43	276	274						
50	0.08	1.09	4.42	9.93	16.8	24.2	31.0	36.9	40.7	41.6	39.5	35.0	28.9	21.8	14.4	7.76	2.98	0.50	358	357						
40	0.10	1.43	5.59	12.2	20.7	29.5	37.8	44.4	48.8	49.7	47.2	41.9	34.5	25.8	16.8	9.03	3.43	0.55	430	429						
30	0.12	1.72	6.50	14.1	23.6	33.8	43.2	50.6	55.4	56.4	53.4	47.4	38.9	28.8	18.7	10.0	3.79	0.60	488	487						
	0.13	1.91	7.12	15.4	25.7	36.7	46.9	55.1	60.2	61.3	58.2	51.4	41.7	30.8	20.0	10.7	4.03	0.63	529	528						
	0.14	2.00	7.39	15.9	26.6	38.0	48.7	57.4	62.9	64.0	60.6	53.2	43.1	31.8	20.6	11.0	4.15	0.65	549	548						
	0.14	1.98	7.34	15.8	26.4	37.8	48.4	57.1	62.7	64.0	60.4	53.0	42.9	31.7	20.5	11.0	4.14	0.64	547	546						
	0.13	1.86	6.95	15.0	25.2	36.0	46.1	54.7	60.1	61.3	58.0	50.8	41.2	30.4	19.7	10.5	3.98	0.62	523	522						
-30	0.12	1.63	6.23	13.6	22.8	32.8	42.6	50.5	55.2	56.2	53.5	47.0	38.1	28.1	18.2	9.78	3.70	0.59	481	480						
-40	0.10	1.32	5.22	11.5	19.6	28.7	37.4	44.4	48.4	49.4	47.2	41.6	33.8	24.9	16.1	8.68	3.32	0.54	423	422						
-50	0.08	0.98	3.98	9.09	15.8	23.6	30.9	36.6	40.0	41.0	39.3	35.0	28.4	20.9	13.6	7.32	2.86	0.48	351	349						
-60	0.06	0.64	2.64	6.36	11.6	17.6	23.3	27.8	30.5	31.4	30.3	27.2	22.2	16.4	10.6	5.82	2.32	0.41	268	265						
-70	0.05	0.37	1.41	3.62	7.14	11.2	15.2	18.3	20.2	21.0	20.6	18.8	15.5	11.4	7.59	4.28	1.73	0.34	179	175						
-80	0.05	0.20	0.59	1.48	3.09	5.17	7.29	8.99	10.1	10.8	11.0	10.3	8.83	6.74	4.58	2.59	1.15	0.27	93.5	79.4						
-90	0.05	0.16	0.30	0.50	0.86	1.34	1.83	2.22	2.50	2.87	3.27	3.41	3.11	2.49	1.81	1.21	0.67	0.20	28.8	1.19						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	1.57	18.8	71.7	159	271	393	509	605	665	681	650	577	472	352	231	126	48.7	8.29	5846							
Φ a	0.00	9.66	64.4	152	265	387	503	598	659	675	644	571	467	347	226	121	43.7	3.84			5739					

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

Report number:

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	.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	.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	.36	.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	.26	.37	.31	.26	.37	.31	.26	.24														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DISC BACKLIT							TYPE: 5700K CRI-90					WEIGHT:		
SPECIFICATION:							DIMENSION: D-600 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	.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	.252	.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	.212	.107	.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	.090	.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	.022	.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	.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	.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:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DISC BACKLIT					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION:					DIMENSION: D-600 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	23.7	25.2	24.0	25.4	25.6	23.2	24.7	23.4	24.9	25.1
	3H	25.4	26.8	25.7	27.0	27.2	24.5	25.9	24.8	26.2	26.4
	4H	26.1	27.4	26.4	27.7	28.0	25.0	26.4	25.4	26.6	26.9
	6H	26.7	28.0	27.1	28.3	28.5	25.3	26.6	25.7	26.9	27.1
	8H	27.0	28.2	27.3	28.5	28.7	25.4	26.6	25.7	26.8	27.1
	12H	27.1	28.3	27.5	28.6	28.9	25.4	26.5	25.7	26.8	27.1
4H	2H	24.3	25.6	24.6	25.9	26.1	23.9	25.2	24.2	25.5	25.7
	3H	26.1	27.3	26.5	27.6	27.9	25.5	26.6	25.8	26.9	27.2
	4H	27.0	28.1	27.4	28.4	28.7	26.1	27.2	26.5	27.5	27.8
	6H	27.8	28.7	28.2	29.1	29.5	26.5	27.5	26.9	27.8	28.2
	8H	28.1	29.0	28.5	29.3	29.7	26.6	27.5	27.0	27.9	28.2
	12H	28.3	29.1	28.7	29.5	29.9	26.6	27.5	27.1	27.8	28.2
8H	4H	27.3	28.2	27.7	28.5	28.9	26.5	27.4	26.9	27.8	28.1
	6H	28.2	28.9	28.7	29.3	29.8	27.1	27.8	27.5	28.2	28.7
	8H	28.6	29.2	29.0	29.6	30.1	27.2	27.9	27.7	28.3	28.8
	12H	28.9	29.5	29.4	29.9	30.4	27.3	27.9	27.8	28.4	28.8
12H	4H	27.3	28.1	27.7	28.5	28.9	26.5	27.4	27.0	27.7	28.1
	6H	28.3	28.9	28.7	29.3	29.8	27.2	27.8	27.6	28.2	28.7
	8H	28.7	29.2	29.1	29.7	30.1	27.4	27.9	27.9	28.4	28.9
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		+ 0.1 / - 0.3					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 5846 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 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	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	85	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		

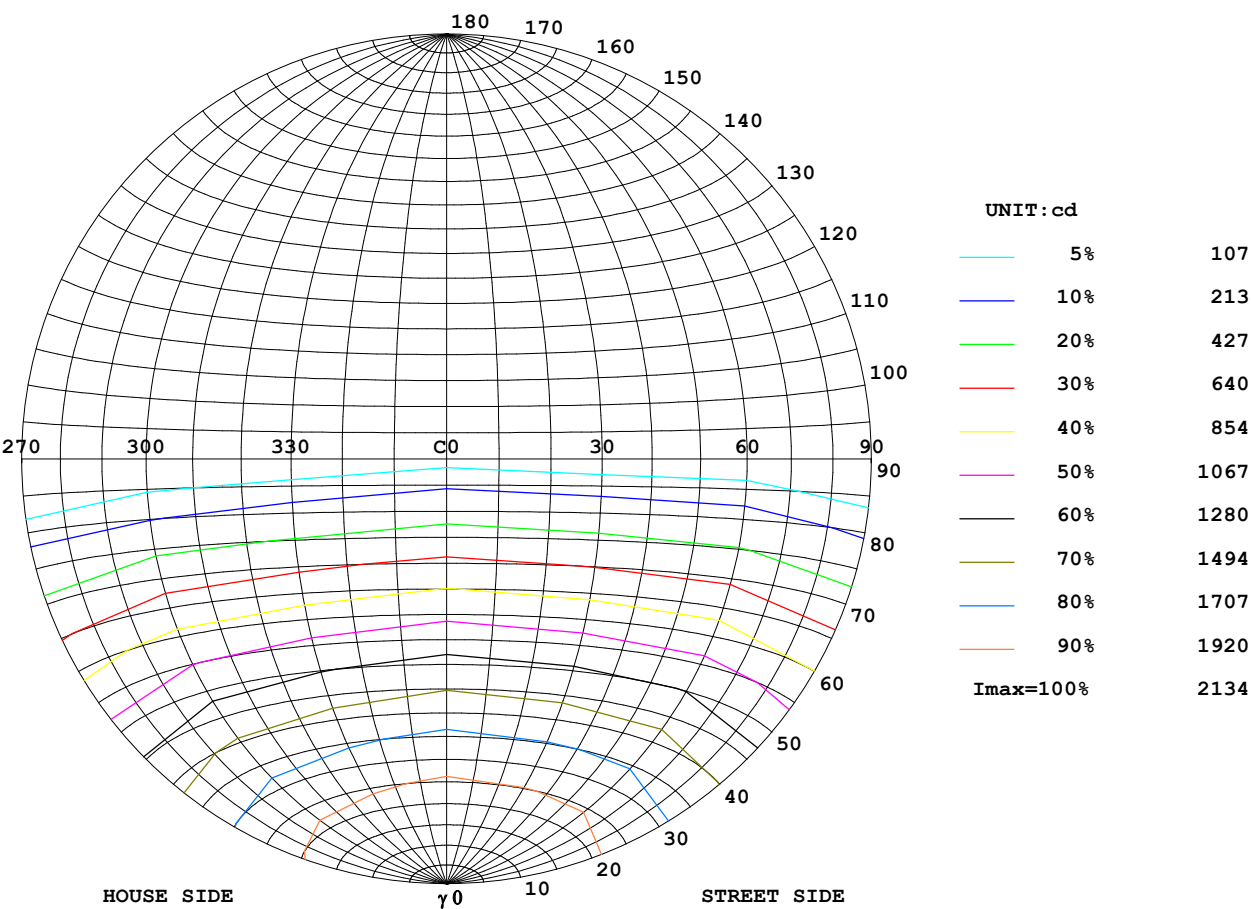
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

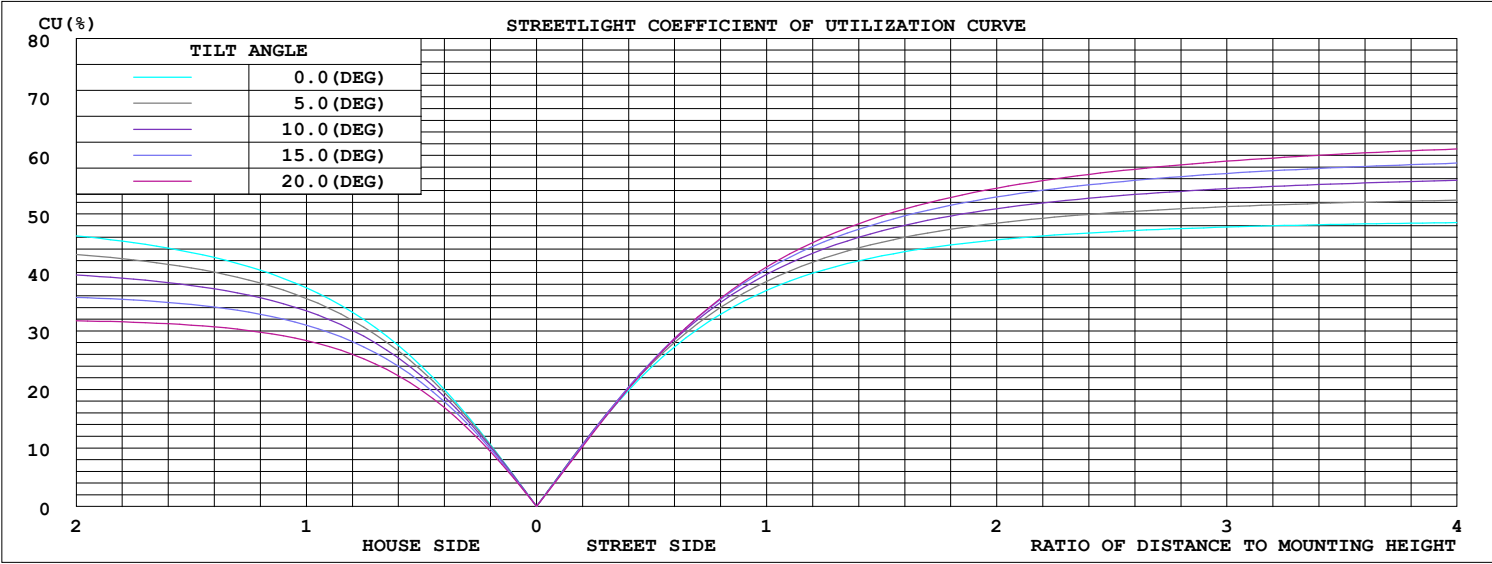
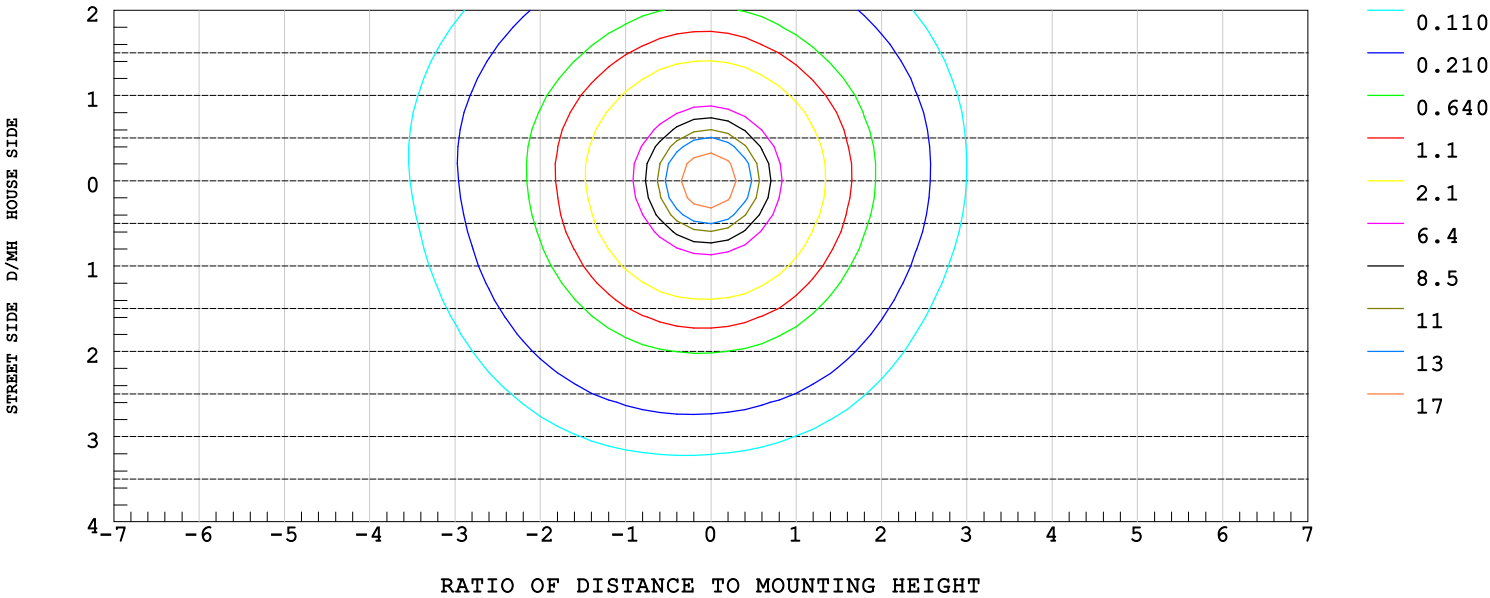
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 21.26 lx



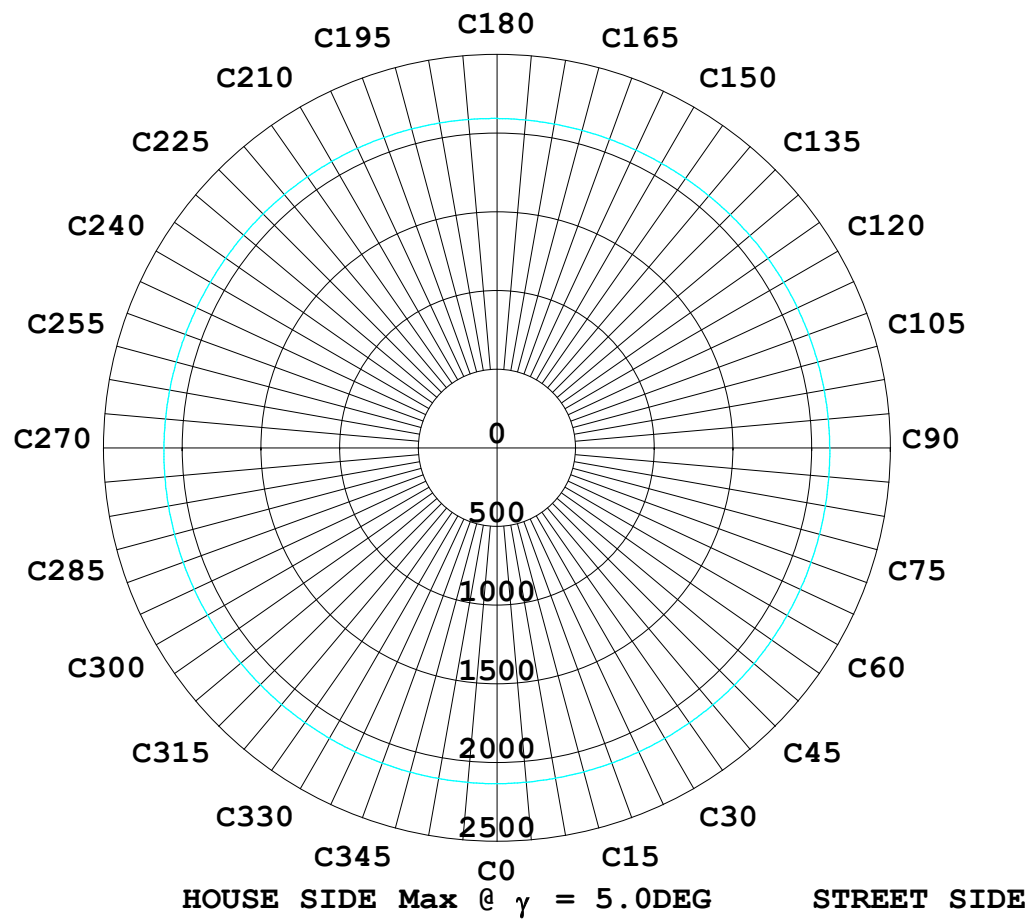
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-18-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC BACKLIT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 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	2126	2128	2128	2125	2126	2125	2126	2128	2128	2125	2126	2125
5.0	2134	2132	2129	2114	2104	2089	2094	2102	2105	2117	2125	2131
10.0	2120	2113	2105	2079	2058	2034	2041	2051	2058	2084	2101	2118
15.0	2079	2069	2055	2019	1994	1960	1968	1983	1994	2027	2051	2080
20.0	2023	2006	1991	1946	1914	1873	1880	1896	1911	1956	1986	2023
25.0	1943	1924	1905	1853	1817	1767	1774	1798	1813	1868	1898	1945
30.0	1850	1827	1804	1742	1705	1648	1660	1684	1703	1762	1798	1853
35.0	1743	1716	1692	1627	1582	1521	1530	1559	1578	1643	1685	1743
40.0	1621	1590	1563	1491	1445	1376	1393	1422	1444	1516	1560	1624
45.0	1486	1453	1426	1345	1295	1223	1241	1271	1295	1373	1421	1491
50.0	1342	1307	1278	1192	1140	1064	1077	1113	1136	1221	1271	1347
55.0	1186	1146	1117	1026	975	896	913	951	975	1063	1115	1195
60.0	1023	979	950	855	804	722	739	780	804	897	947	1031
65.0	856	812	781	684	634	552	564	606	629	724	776	863
70.0	683	636	606	509	462	384	398	441	461	556	606	691
75.0	510	463	434	341	298	222	232	278	317	387	435	519
80.0	347	317	276	188	154	93.9	95.2	129	147	207	267	352
85.0	190	149	132	67.2	54.1	27.5	22.4	37.4	36.2	95.4	129	198
90.0	63.8	46.8	43.2	19.5	26.9	21.3	15.3	17.1	10.3	22.3	30.9	63.7

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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