

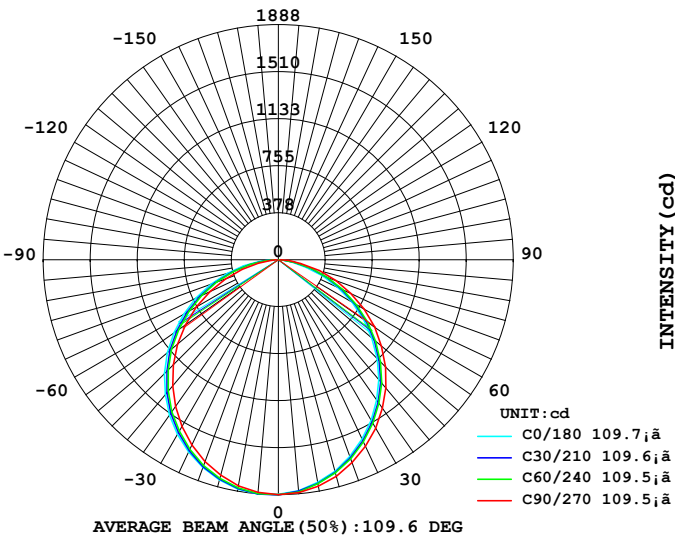
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

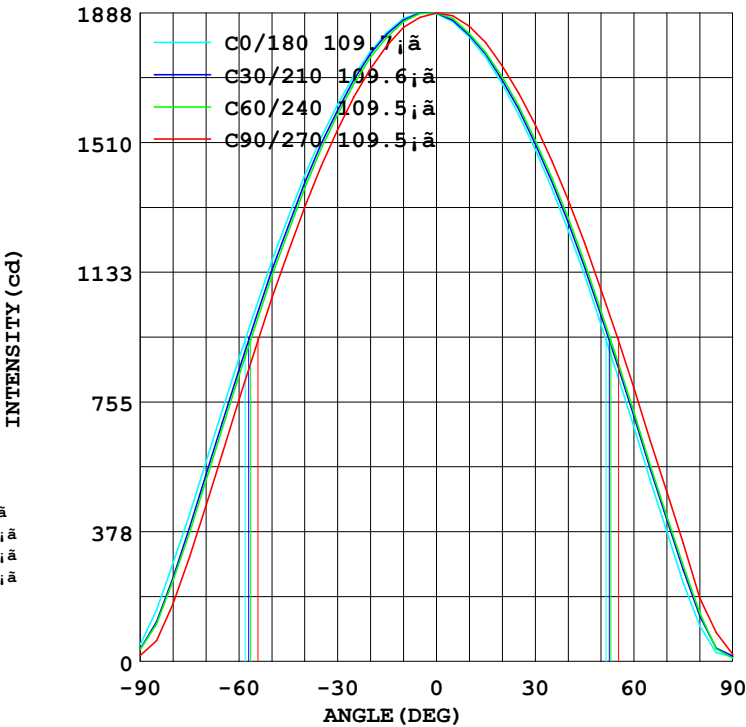
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1888	S/MH (C0/180)	1.28
MODEL	DISC DEEP	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	50	TOTAL FLUX (lm)	5179.5	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	102.2	Current (A)	0.234
NOMINAL FLUX (lm)	5179.5	η up (%)	0.0	Power (W)	50.68
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	5083.6	EEI	0.136

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:

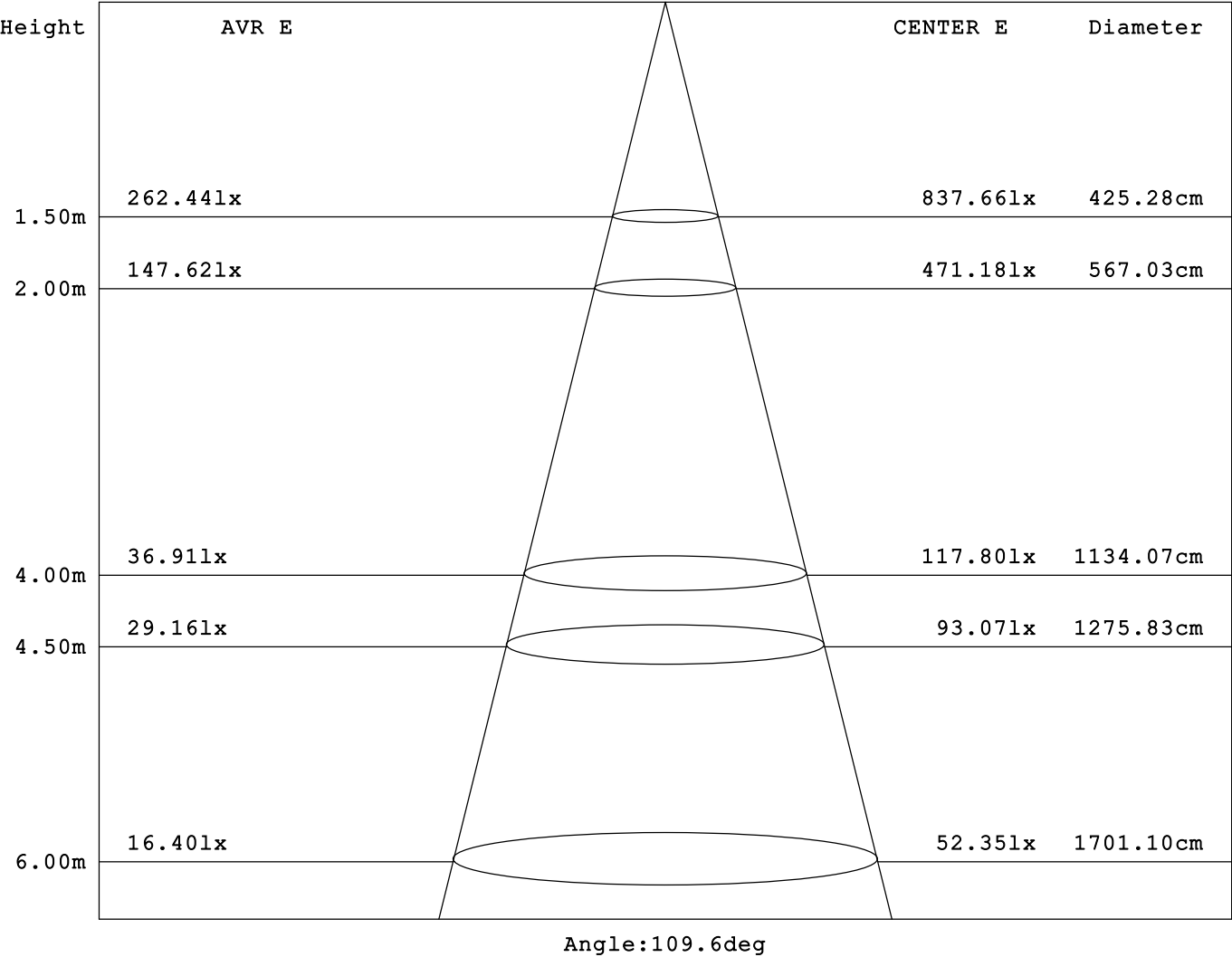
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1872	1865	1845	1819	1818	1826	1849	1867	0- 10	178.0	178.0
20.0	1776	1764	1725	1687	1682	1697	1734	1769	10- 20	506.3	684.4
30.0	1621	1598	1547	1498	1491	1513	1563	1609	20- 30	759.6	1444
40.0	1414	1385	1322	1264	1256	1286	1345	1400	30- 40	906.8	2351
50.0	1165	1130	1057	992.8	980.6	1014	1082	1148	40- 50	930.4	3281
60.0	879.4	837.7	759.4	693.3	682.4	719.6	795.9	861.6	50- 60	829.1	4111
70.0	578.6	533.3	451.7	390.5	377.6	416.6	492.7	559.2	60- 70	620.4	4731
80.0	284.9	238.0	166.5	121.1	102.7	135.8	183.6	259.9	70- 80	346.8	5078
90.0	48.51	35.71	17.28	21.24	13.50	12.22	19.84	35.23	80- 90	101.6	5180
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:06-28-2025

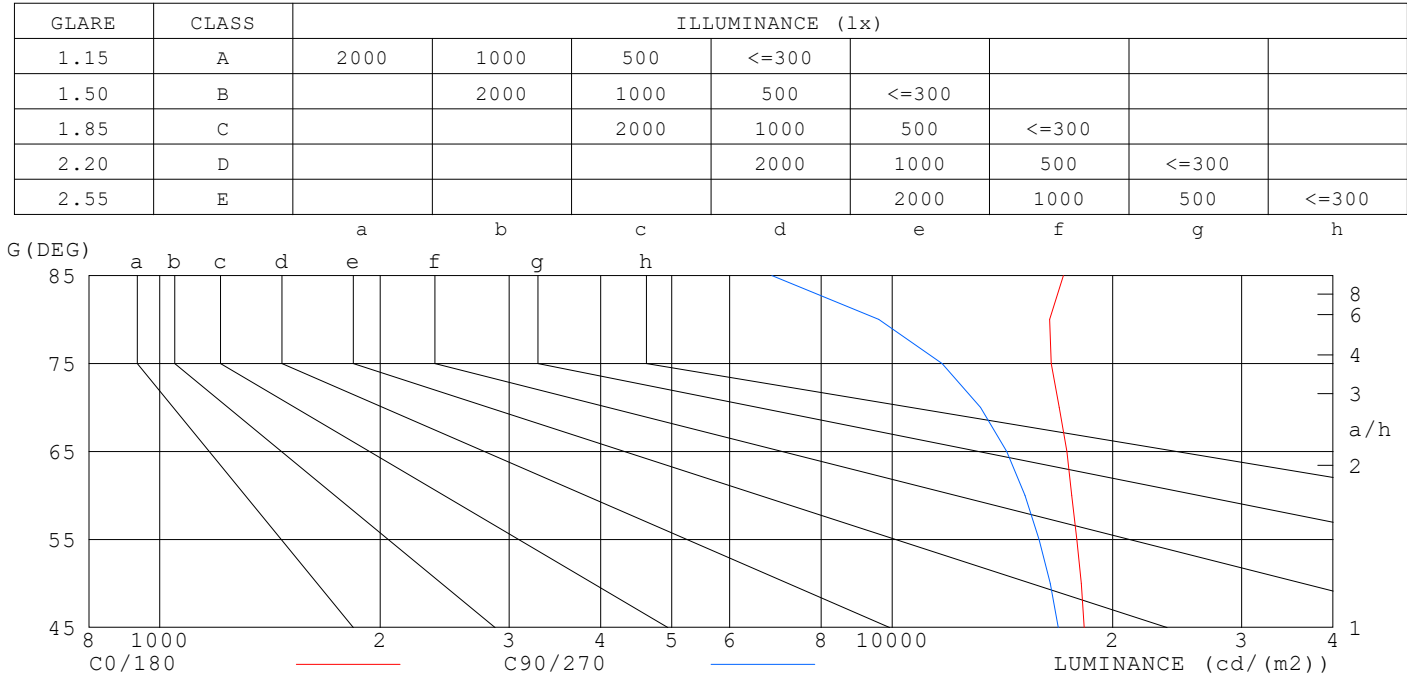
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	17132	6851
80	16412	9590
75	16498	11701
70	16920	13207
65	17335	14344
60	17590	15188
55	17873	15877
50	18125	16441
45	18289	16868

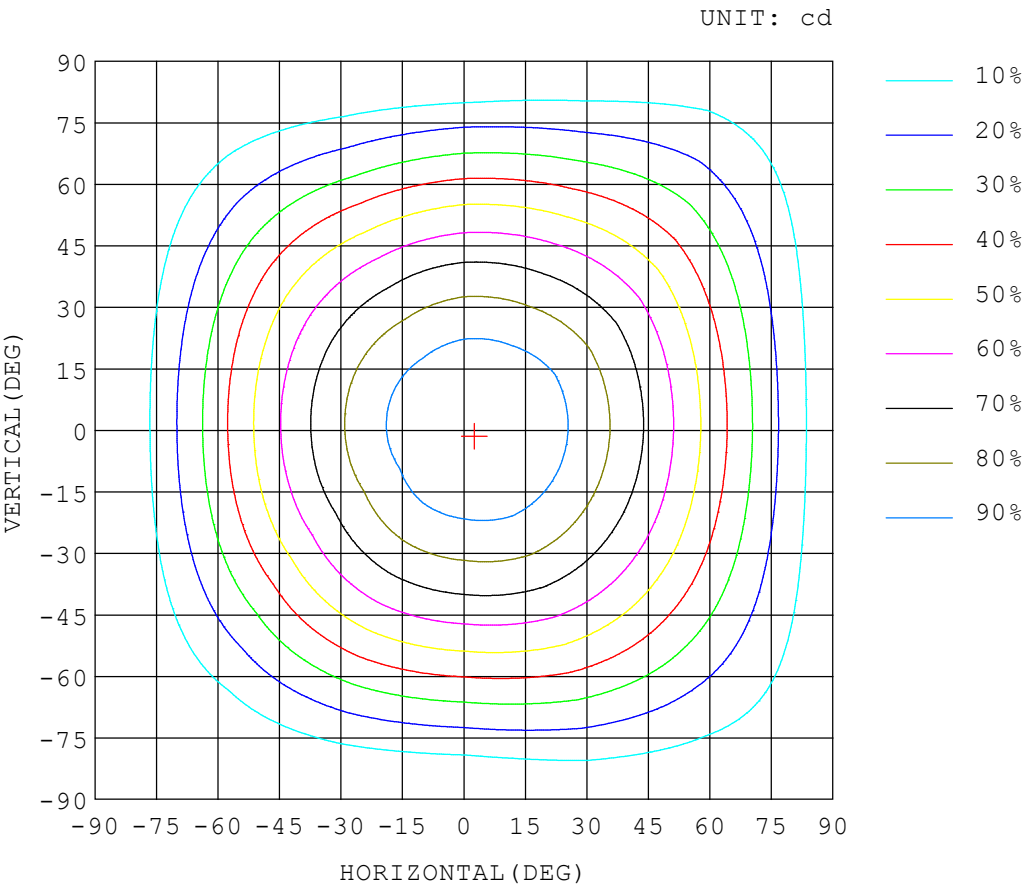
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:



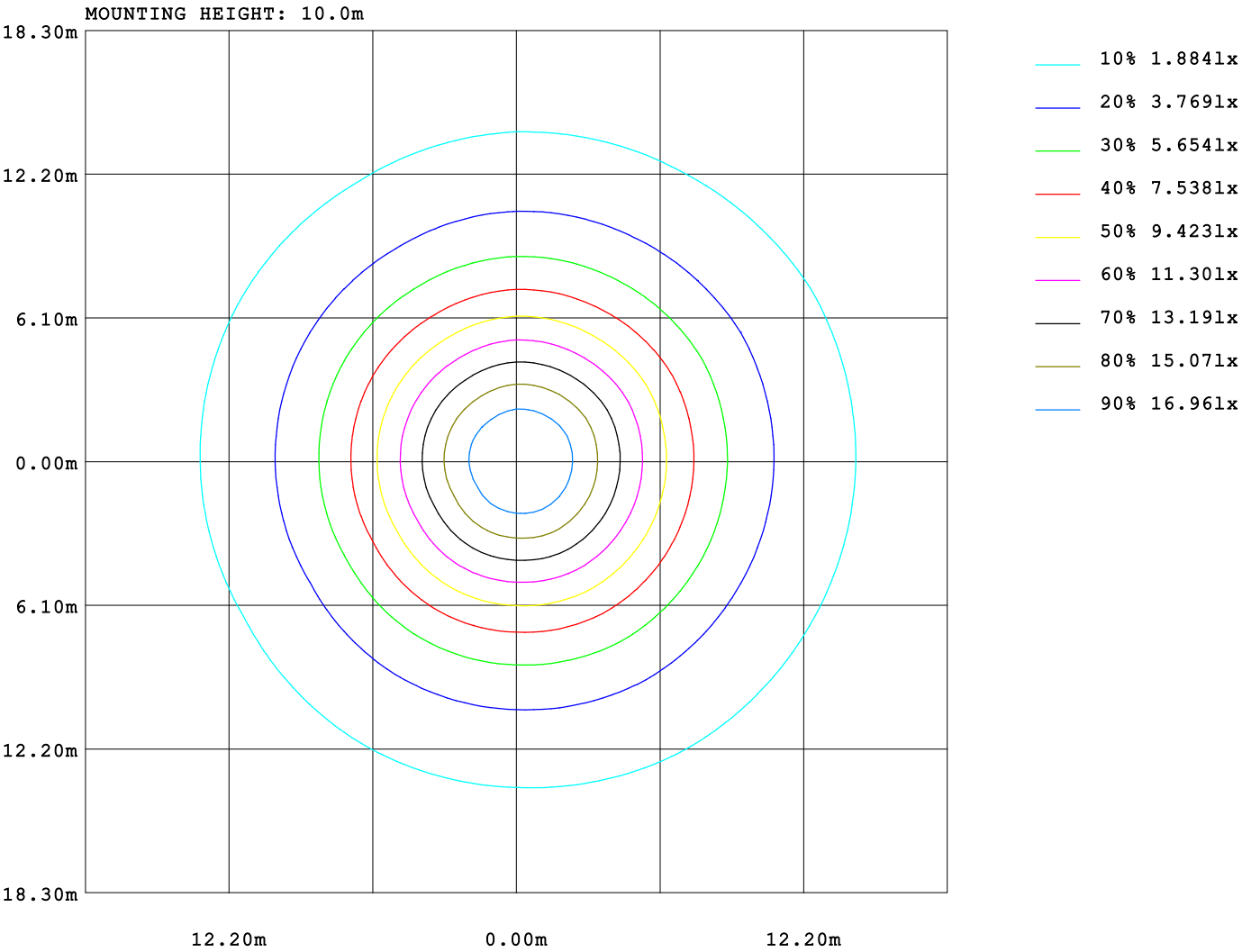
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: DISC DEEP RECESSED										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-600 H-85 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a				
	0.04	0.15	0.31	0.51	0.75	1.03	1.48	2.09	2.62	2.92	2.96	2.80	2.57	2.27	1.82	1.20	0.60	0.16	26.3	0.00						
90																										
80																										
70	0.05	0.24	0.80	1.87	3.35	5.03	6.83	8.62	9.94	10.4	10.0	9.02	7.64	6.03	4.30	2.49	1.04	0.22	88.0	76.8						
60	0.06	0.46	1.79	4.24	7.33	10.6	13.8	16.9	18.9	19.5	18.6	16.4	13.7	10.4	7.10	3.90	1.53	0.28	166	163						
50	0.07	0.77	3.01	6.80	11.4	16.4	21.1	25.2	27.9	28.5	27.0	23.9	19.7	14.8	9.90	5.30	2.02	0.34	245	243						
40	0.09	1.11	4.21	9.20	15.4	21.9	27.9	32.9	36.2	36.8	34.8	30.8	25.3	18.9	12.4	6.60	2.47	0.39	318	317						
30	0.11	1.43	5.25	11.3	18.8	26.6	33.9	39.7	43.4	44.0	41.6	36.8	30.2	22.5	14.5	7.71	2.86	0.44	382	381						
	0.13	1.69	6.08	12.9	21.4	30.4	38.7	45.1	49.2	49.9	47.2	41.7	34.1	25.1	16.2	8.59	3.17	0.48	433	432						
	0.14	1.87	6.63	14.0	23.2	33.0	42.0	49.1	53.5	54.3	51.3	45.2	36.6	26.9	17.3	9.18	3.38	0.51	469	468						
	0.15	1.95	6.89	14.6	24.1	34.2	43.6	51.2	55.9	56.7	53.5	46.7	37.7	27.7	17.8	9.47	3.49	0.52	487	486						
	0.15	1.93	6.84	14.5	23.9	34.0	43.3	50.9	55.7	56.7	53.3	46.5	37.6	27.6	17.8	9.42	3.47	0.52	485	484						
	0.14	1.82	6.48	13.7	22.8	32.3	41.3	48.8	53.4	54.3	51.2	44.7	36.1	26.5	17.0	9.04	3.33	0.50	464	463						
-30	0.13	1.60	5.83	12.4	20.7	29.5	38.1	45.0	49.0	49.8	47.2	41.3	33.3	24.4	15.7	8.35	3.08	0.47	427	426						
-40	0.11	1.32	4.92	10.6	17.8	25.9	33.5	39.6	43.0	43.7	41.6	36.6	29.5	21.6	13.9	7.38	2.74	0.43	375	374						
-50	0.08	1.00	3.79	8.42	14.4	21.3	27.8	32.7	35.6	36.2	34.6	30.7	24.8	18.1	11.6	6.19	2.33	0.38	311	309						
-60	0.06	0.67	2.57	5.96	10.7	16.0	21.0	24.8	27.1	27.7	26.7	23.8	19.3	14.1	9.08	4.84	1.85	0.32	237	235						
-70	0.06	0.39	1.43	3.48	6.66	10.3	13.7	16.4	18.0	18.6	18.1	16.3	13.3	9.80	6.30	3.40	1.36	0.26	158	154						
-80	0.05	0.20	0.61	1.48	2.98	4.85	6.70	8.14	9.06	9.57	9.60	8.95	7.46	5.51	3.58	2.01	0.90	0.21	81.9	68.5						
-90	0.04	0.15	0.28	0.48	0.82	1.27	1.70	2.02	2.24	2.51	2.79	2.85	2.55	1.98	1.41	0.94	0.52	0.15	24.7	0.31						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	1.66	18.7	67.7	147	247	355	457	540	591	603	573	506	412	305	198	106	40.2	6.57	5180							
Φ a	0.00	10.7	61.5	141	241	350	452	534	586	597	567	500	407	300	194	101	35.4	2.48		5084						

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: DISC DEEP RECESSED

TYPE: 4000K CRI-90

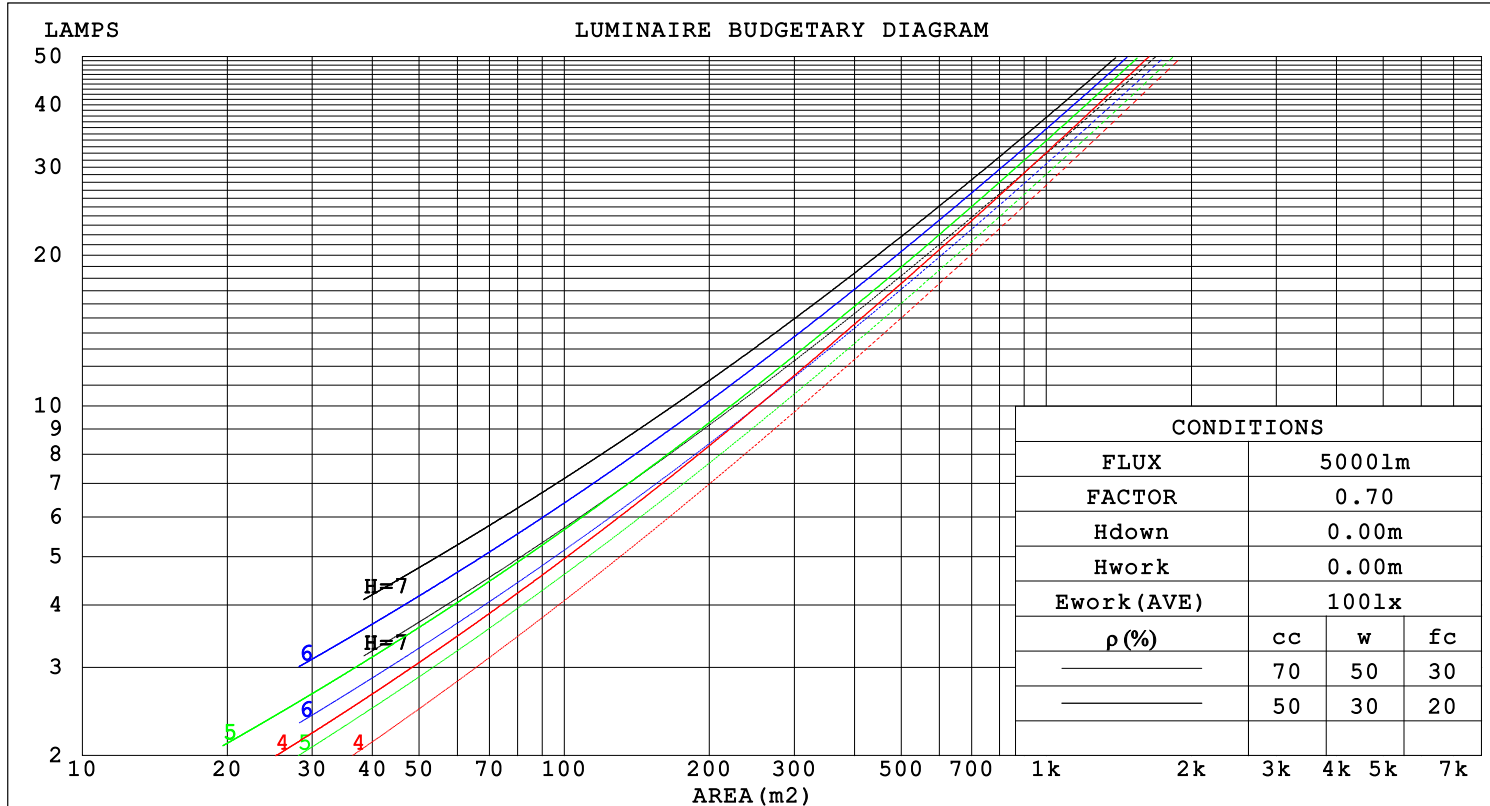
WEIGHT:

SPECIFICATION:

DIMENSION: D-600 H-85 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	.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: 25.3 DEG
 Operators:
 Test Date: 06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: DISC DEEP RECESSED								TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION:								DIMENSION: D-600 H-85 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	.171	.054	.287	.165	.053	.275	.159	.051	.264	.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	.160	.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:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: DISC DEEP RECESSED					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION:					DIMENSION: D-600 H-85 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	23.1	24.6	23.4	24.8	25.0	22.7	24.2	22.9	24.4	24.6
	3H	24.8	26.1	25.0	26.4	26.6	24.1	25.5	24.4	25.7	25.9
	4H	25.5	26.8	25.8	27.0	27.3	24.6	25.9	24.9	26.2	26.4
	6H	26.0	27.3	26.3	27.5	27.8	24.9	26.1	25.2	26.4	26.7
	8H	26.2	27.4	26.5	27.7	28.0	24.9	26.1	25.2	26.4	26.7
	12H	26.3	27.5	26.7	27.8	28.1	24.9	26.0	25.2	26.3	26.6
4H	2H	23.7	25.0	24.0	25.3	25.5	23.4	24.7	23.7	25.0	25.2
	3H	25.5	26.7	25.9	27.0	27.3	25.0	26.1	25.3	26.4	26.7
	4H	26.3	27.4	26.7	27.7	28.1	25.6	26.7	26.0	27.0	27.3
	6H	27.0	28.0	27.4	28.3	28.7	26.0	27.0	26.4	27.3	27.7
	8H	27.3	28.1	27.7	28.5	28.9	26.1	27.0	26.5	27.3	27.7
	12H	27.5	28.3	27.9	28.7	29.1	26.1	26.9	26.6	27.3	27.7
8H	4H	26.6	27.5	27.0	27.8	28.2	26.0	26.8	26.4	27.2	27.6
	6H	27.4	28.1	27.8	28.5	29.0	26.5	27.2	27.0	27.7	28.1
	8H	27.7	28.4	28.2	28.8	29.2	26.7	27.3	27.1	27.7	28.2
	12H	28.0	28.6	28.5	29.0	29.5	26.8	27.3	27.2	27.8	28.2
12H	4H	26.6	27.4	27.0	27.8	28.2	26.0	26.8	26.4	27.2	27.6
	6H	27.4	28.1	27.9	28.5	28.9	26.6	27.2	27.0	27.7	28.1
	8H	27.8	28.3	28.3	28.8	29.3	26.8	27.3	27.2	27.8	28.3
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 / - 0.4				
2.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 5180 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.7)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 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		

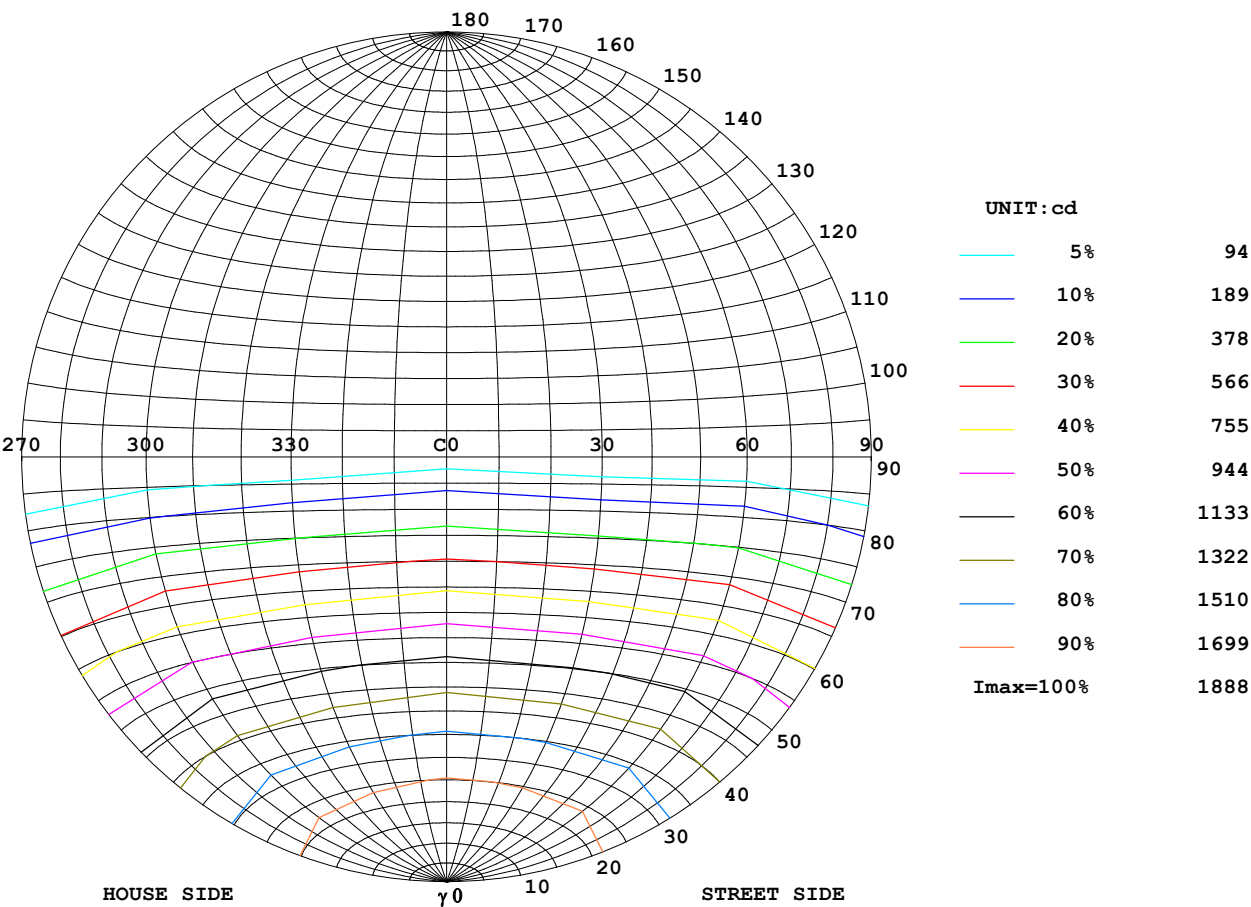
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-28-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

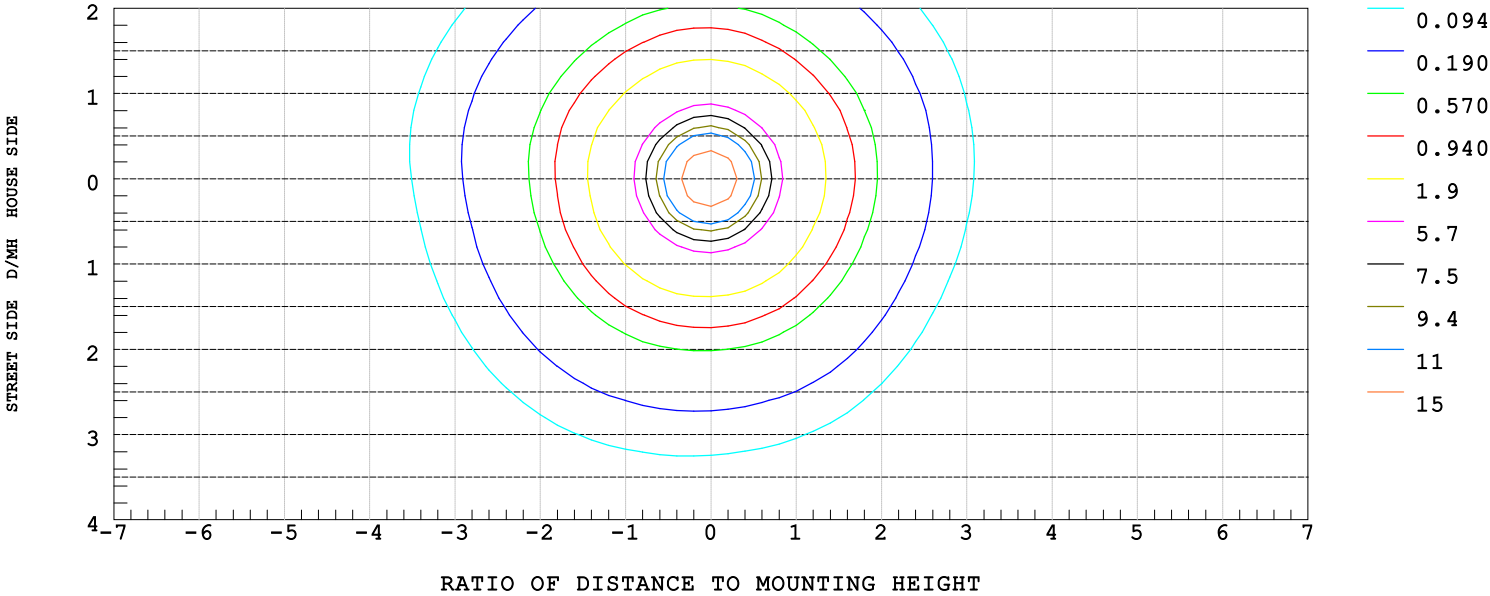
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 18.85 lx



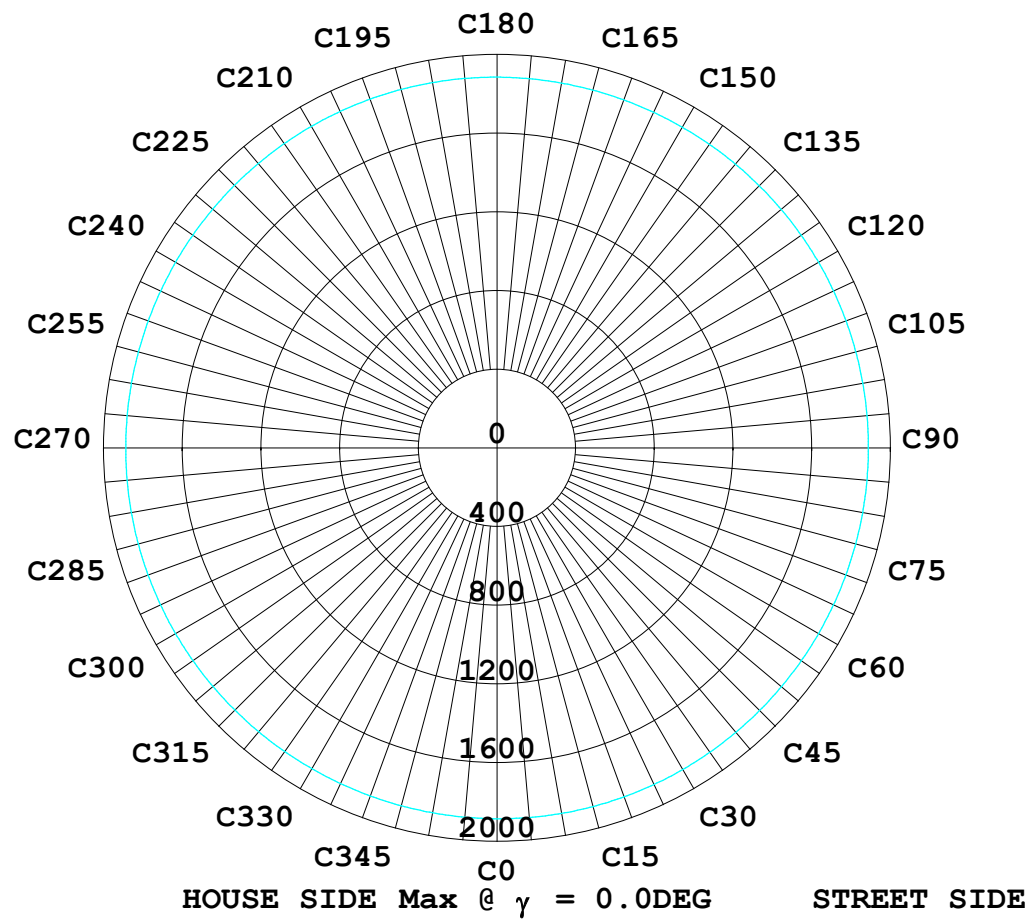
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: DISC DEEP RECESSED	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-600 H-85 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1885	1888	1887	1888	1887	1883	1885	1888	1887	1888	1887	1883
5.0	1888	1888	1886	1875	1867	1857	1863	1866	1872	1879	1884	1888
10.0	1872	1867	1862	1845	1830	1809	1818	1824	1828	1849	1860	1874
15.0	1831	1826	1817	1792	1774	1747	1758	1767	1772	1801	1815	1838
20.0	1776	1769	1759	1725	1703	1671	1682	1693	1702	1734	1754	1784
25.0	1706	1694	1682	1643	1619	1579	1591	1607	1616	1654	1677	1714
30.0	1621	1604	1592	1547	1520	1476	1491	1508	1518	1563	1588	1630
35.0	1525	1505	1491	1440	1413	1363	1378	1398	1409	1458	1486	1531
40.0	1414	1393	1377	1322	1290	1238	1256	1279	1293	1345	1374	1426
45.0	1293	1267	1251	1193	1161	1103	1124	1147	1160	1218	1250	1305
50.0	1165	1138	1121	1057	1023	963	981	1008	1020	1082	1119	1177
55.0	1025	996	978	911	877	814	835	865	877	944	976	1041
60.0	879	846	829	759	725	661	682	714	725	796	829	894
65.0	733	696	679	606	574	510	527	560	571	642	676	744
70.0	579	542	525	452	421	360	378	412	421	493	525	593
75.0	427	389	374	303	275	213	228	266	279	344	374	440
80.0	285	242	234	167	146	96.8	103	132	140	184	226	294
85.0	149	115	108	59.7	51.0	28.2	25.5	38.9	37.1	84.6	105	159
90.0	48.5	36.0	35.3	17.2	23.8	18.6	13.5	15.4	9.02	19.8	24.4	46.0

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
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