

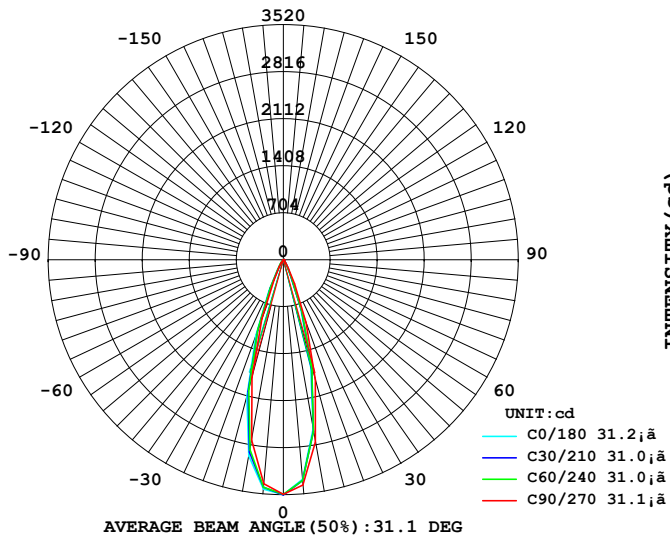
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

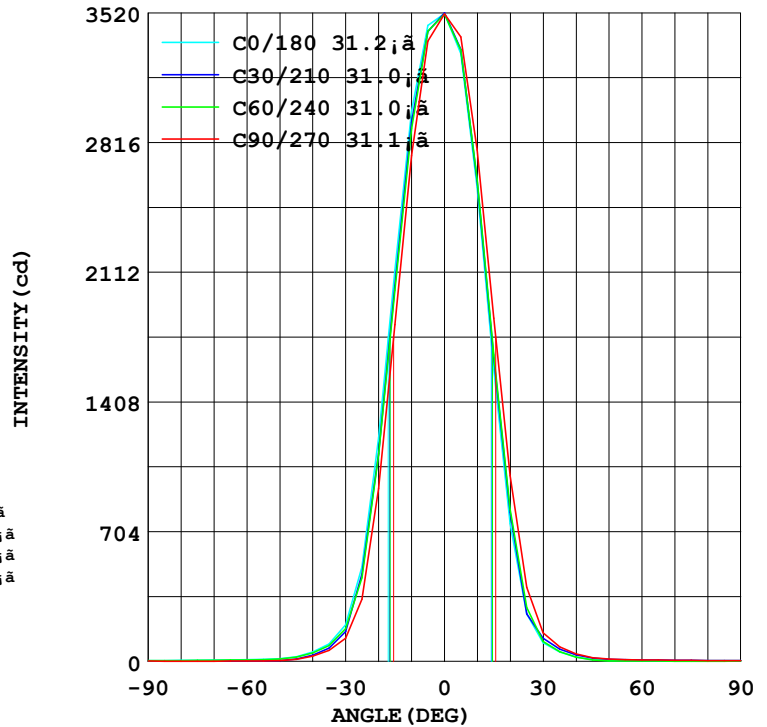
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3520	S/MH (C0/180)	0.54
MODEL	SERA	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.50
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1100.1	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	94.8	Current (A)	0.057
NOMINAL FLUX (lm)	1100.1	η up (%)	0.0	Power (W)	11.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.966
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	966.1	EEI	0.155

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 07-28-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 9.800 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

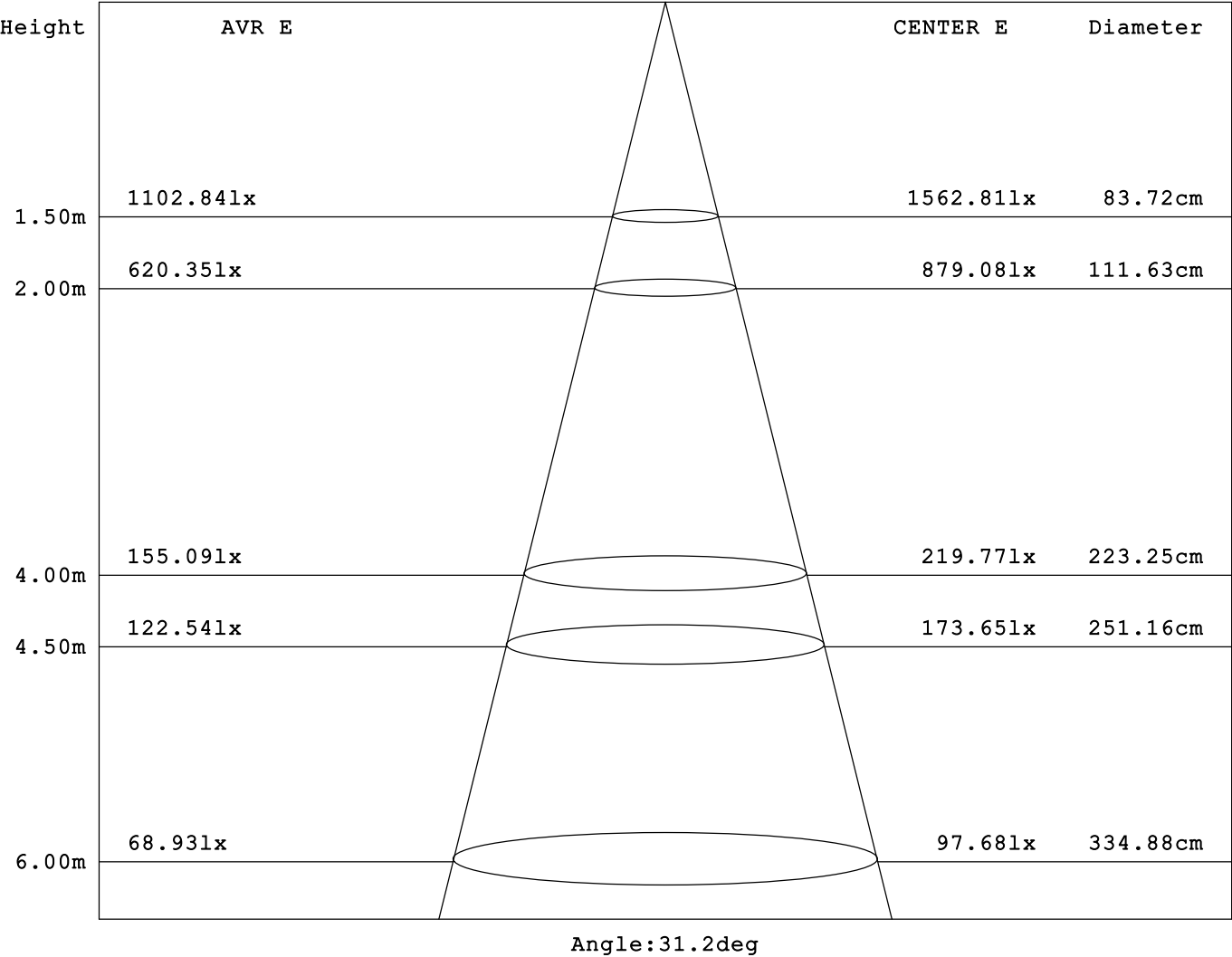
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 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: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2985	2908	2744	2592	2571	2612	2776	2936	0- 10	301.7	301.7
20.0	1212	1124	938.5	783.2	746.9	818.5	1008	1182	10- 20	506.4	808.2
30.0	198.8	169.6	126.6	116.3	100.8	117.5	155.8	177.8	20- 30	209.0	1017
40.0	51.66	40.43	27.85	31.02	23.81	29.34	41.10	42.49	30- 40	49.61	1067
50.0	14.69	9.027	3.841	7.731	5.090	7.635	12.19	9.267	40- 50	14.68	1082
60.0	9.219	5.570	2.304	5.186	3.841	5.138	8.259	5.426	50- 60	6.082	1088
70.0	7.010	4.177	1.728	3.889	3.553	3.985	6.146	3.985	60- 70	4.799	1092
80.0	5.570	3.457	1.632	3.217	3.553	3.265	4.802	3.217	70- 80	4.040	1096
90.0	4.705	3.265	2.112	3.121	4.898	2.881	3.841	2.785	80- 90	3.638	1100
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:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

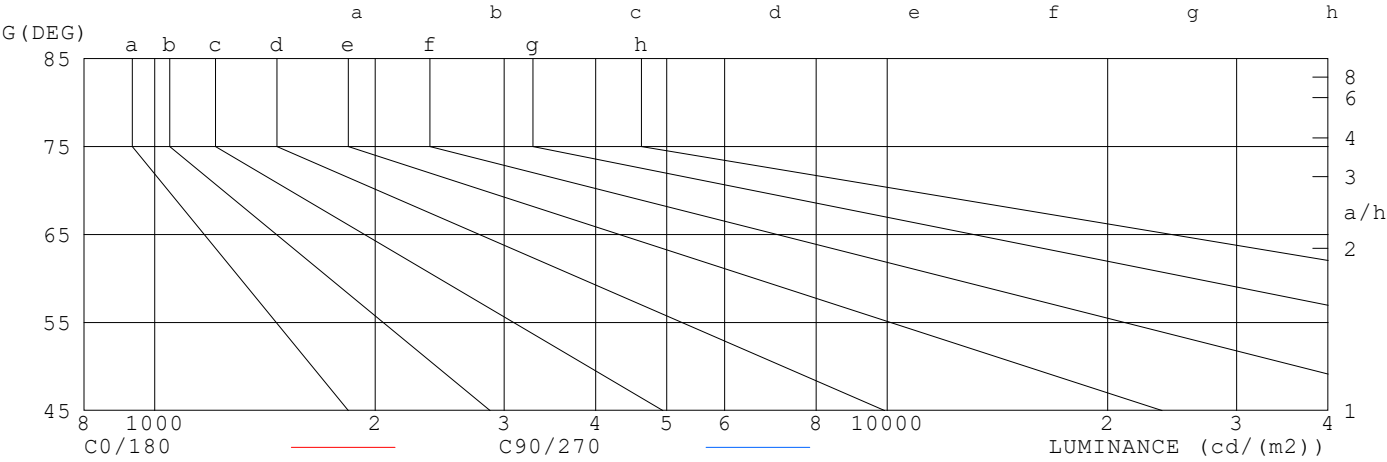
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	595	176
80	321	94
75	237	63
70	205	51
65	189	48
60	184	46
55	193	49
50	229	60
45	368	148

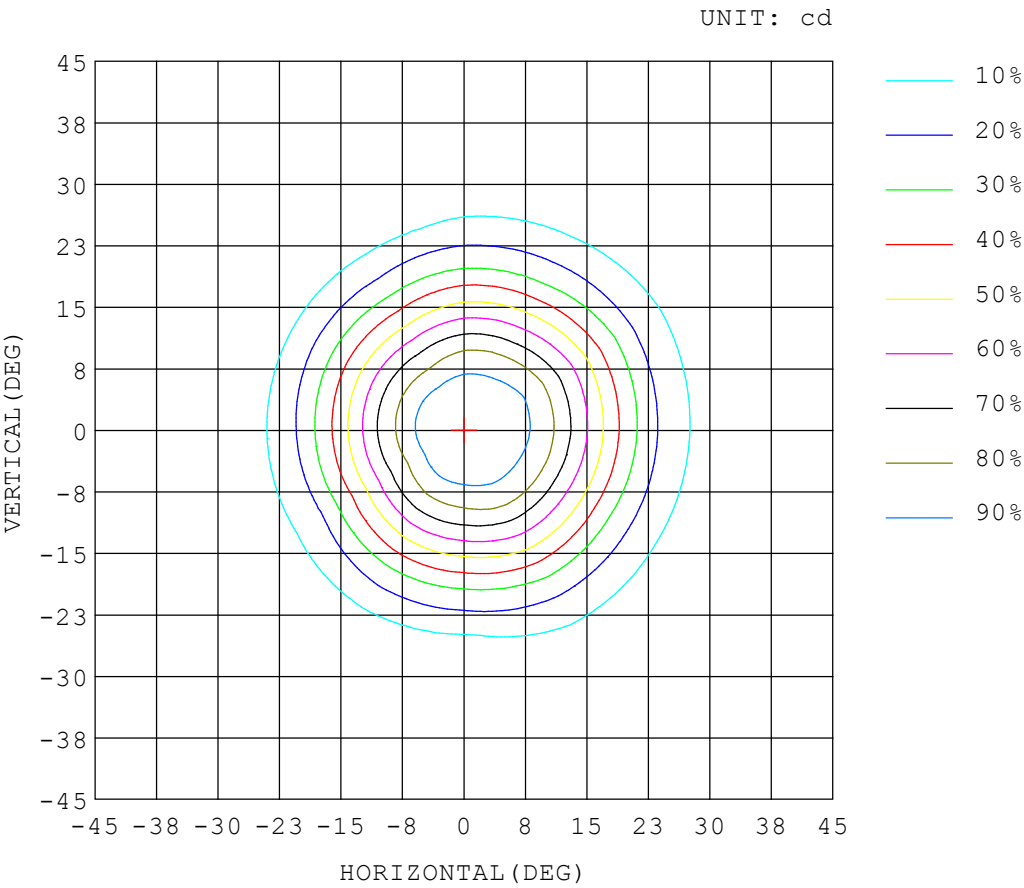
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:



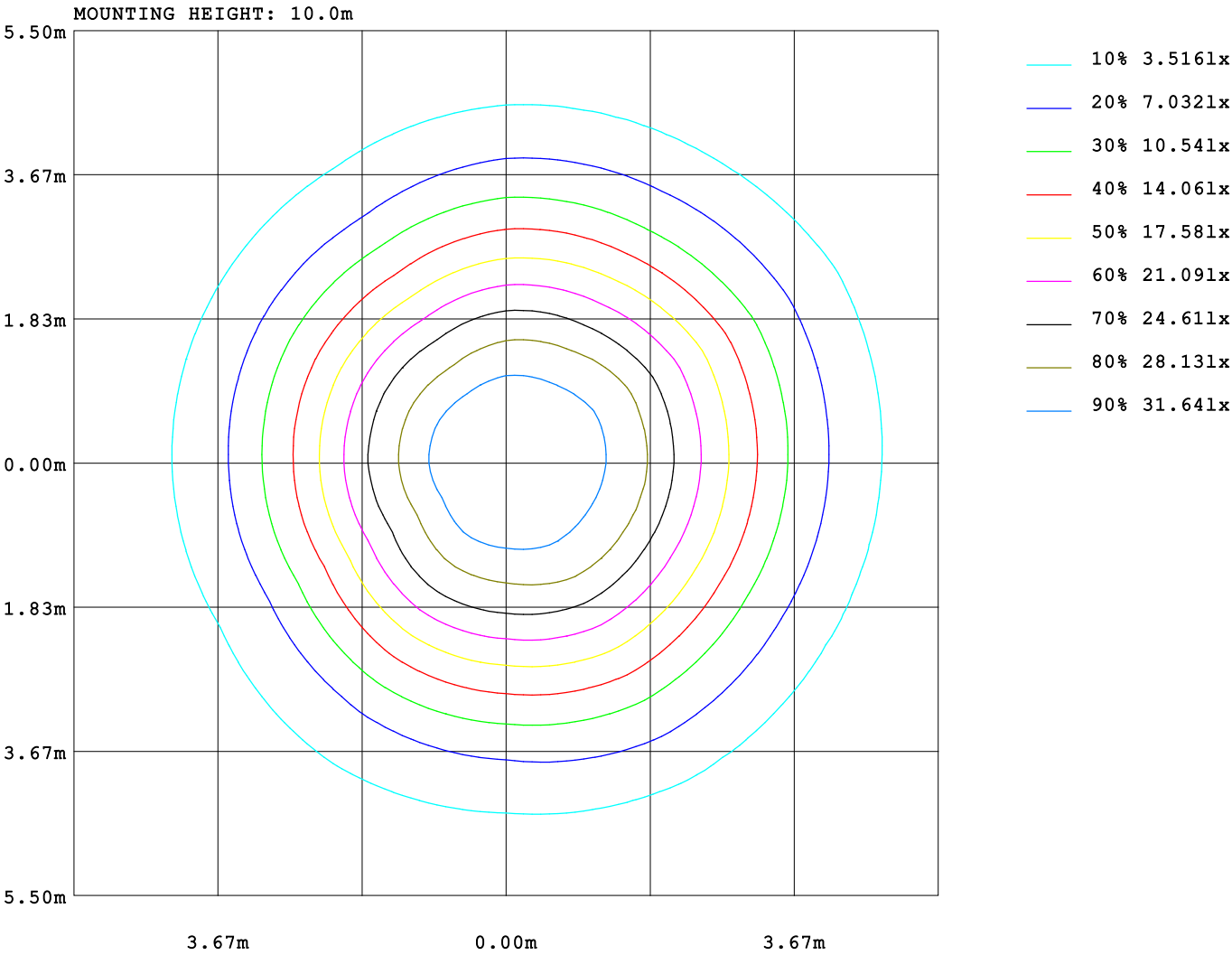
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: SERA DOWNLIGHTER										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 350 MA										DIMENSION: D-86 CUT-75 H-80 MM					SERIAL No.:				

		AREA FLUX DIAGRAM																	UNIT:lm			Φ t	Φ a
VERTICAL (DEG)	45																						
	40	0.04	0.04	0.04	0.04	0.05	0.08	0.13	0.17	0.22	0.22	0.19	0.14	0.10	0.06	0.06	0.05	0.05	0.05	1.73	0.00		
	35	0.05	0.06	0.07	0.08	0.11	0.17	0.26	0.35	0.43	0.44	0.38	0.30	0.22	0.16	0.12	0.09	0.07	0.06	3.39	0.00		
	30	0.06	0.08	0.11	0.16	0.24	0.33	0.49	0.68	0.84	0.87	0.76	0.60	0.43	0.33	0.23	0.15	0.10	0.07	6.53	0.00		
	25	0.07	0.11	0.18	0.29	0.43	0.63	0.97	1.50	1.96	2.10	1.83	1.30	0.87	0.60	0.41	0.26	0.16	0.10	13.7	1.13		
	20	0.08	0.15	0.27	0.45	0.73	1.26	2.19	3.67	4.96	5.32	4.62	3.33	2.06	1.12	0.66	0.41	0.23	0.12	31.6	22.0		
	15	0.08	0.18	0.36	0.66	1.22	2.52	5.02	7.84	10.2	10.8	9.46	7.06	4.31	2.22	1.05	0.55	0.30	0.15	64.0	57.1		
		0.09	0.21	0.44	0.87	1.89	4.80	8.99	13.2	16.6	17.4	15.5	11.9	7.58	3.71	1.55	0.71	0.36	0.18	106	100		
		0.10	0.23	0.49	1.07	2.85	7.03	12.8	18.6	22.3	23.2	21.1	16.4	10.4	5.14	2.07	0.86	0.41	0.20	146	140		
		0.10	0.23	0.50	1.19	3.46	8.32	15.1	21.7	25.5	26.1	23.9	18.6	11.9	5.97	2.37	0.94	0.44	0.22	167	162		
		0.09	0.22	0.48	1.17	3.37	8.11	14.8	21.3	25.4	26.0	23.6	18.3	11.6	5.82	2.31	0.91	0.43	0.21	165	160		
		0.08	0.20	0.43	1.00	2.67	6.45	12.2	18.4	22.4	23.2	20.8	15.6	9.69	4.75	1.90	0.77	0.37	0.18	141	136		
	-15	0.07	0.17	0.36	0.74	1.72	4.35	8.77	13.5	16.7	17.4	15.6	11.5	6.86	3.24	1.32	0.59	0.30	0.14	104	98.0		
	-20	0.05	0.13	0.27	0.52	1.12	2.51	5.12	8.02	10.0	10.5	9.53	6.96	3.97	1.93	0.83	0.42	0.22	0.11	62.3	56.0		
	-25	0.04	0.09	0.19	0.38	0.71	1.35	2.40	3.67	4.63	4.93	4.44	3.28	2.00	1.03	0.54	0.28	0.14	0.07	30.2	21.1		
	-30	0.03	0.06	0.14	0.27	0.47	0.75	1.10	1.47	1.72	1.83	1.75	1.41	0.98	0.61	0.36	0.19	0.09	0.04	13.2	0.00		
-35	0.02	0.04	0.09	0.18	0.30	0.45	0.57	0.67	0.71	0.74	0.75	0.67	0.54	0.37	0.23	0.12	0.06	0.03	6.55	0.00			
-40	0.02	0.03	0.06	0.11	0.19	0.26	0.31	0.34	0.34	0.35	0.37	0.35	0.30	0.22	0.14	0.08	0.04	0.02	3.54	0.00			
-45	0.02	0.03	0.05	0.08	0.12	0.14	0.16	0.16	0.15	0.16	0.17	0.17	0.16	0.13	0.09	0.06	0.04	0.02	1.90	0.00			
		-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)			10	15	20	25	30	35	40	45			
Φ t		1.09	2.26	4.52	9.28	21.6	49.5	91.5	136	165	172	155	118	74.1	37.4	16.2	7.44	3.81	1.97	1100			
Φ a		0.00	0.00	0.00	0.00	10.6	41.7	84.7	129	159	166	149	112	67.5	29.8	4.64	0.00	0.00	0.00		966		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

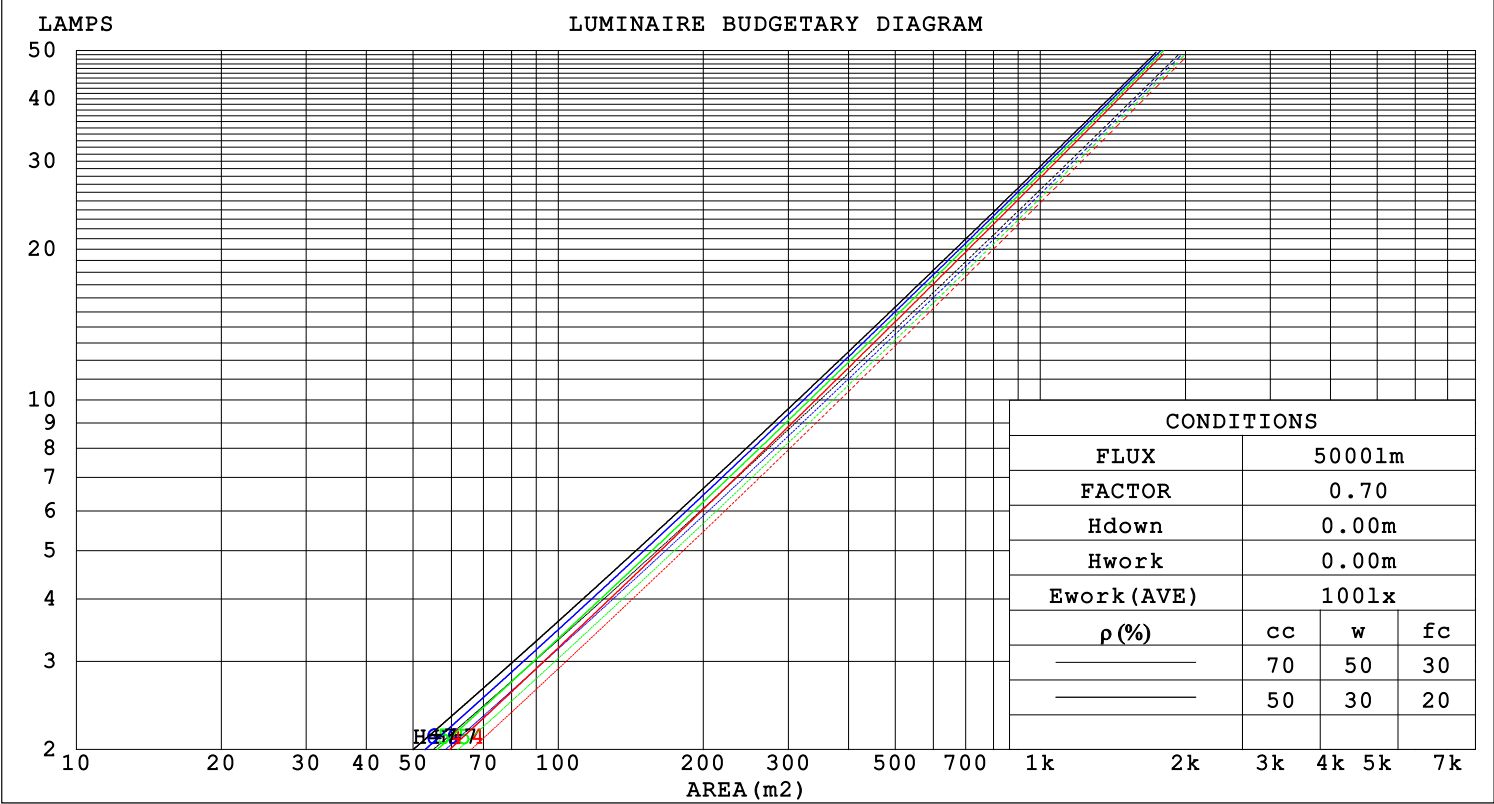
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: SERA DOWNLIGHTER								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 350 MA								DIMENSION: D-86 CUT-75 H-80 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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.94	.93	.92
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.93	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.83	.81
6.0	.89	.85	.81	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.78
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.76
8.0	.83	.78	.75	.82	.78	.75	.81	.78	.75	.81	.77	.75	.80	.77	.74	.73
9.0	.80	.76	.73	.80	.75	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71
10.0	.77	.73	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.75	.72	.70	.69



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: SERA DOWNLIGHTER								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 350 MA								DIMENSION: D-86 CUT-75 H-80 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	.150	.086	.027	.144	.082	.026	.131	.075	.024	.120	.069	.022	.109	.063	.020	
2.0	.139	.076	.023	.133	.073	.023	.123	.068	.021	.114	.064	.020	.105	.059	.019	
3.0	.129	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017	
4.0	.121	.063	.019	.117	.061	.018	.110	.058	.017	.103	.055	.017	.097	.053	.016	
5.0	.114	.058	.017	.111	.057	.017	.105	.054	.016	.099	.052	.016	.093	.050	.015	
6.0	.108	.054	.016	.105	.053	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014	
7.0	.103	.051	.014	.100	.050	.014	.096	.048	.014	.091	.047	.014	.087	.045	.013	
8.0	.098	.048	.013	.096	.047	.013	.092	.046	.013	.088	.044	.013	.084	.043	.013	
9.0	.094	.045	.013	.092	.045	.013	.088	.044	.012	.085	.042	.012	.081	.041	.012	
10.0	.090	.043	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	.079	.040	.011	

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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.039	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.093	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.049	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.030	.071	.044	.027	.049	.031	.019	.029	.018	.011	.009	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: SERA DOWNLIGHTER					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 350 MA					DIMENSION: D-86 CUT-75 H-80 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		-1.3	-0.6	-1.1	-0.5	-0.3	-1.8	-1.1	-1.6	-0.9	-0.7
	3H	-0.5	0.1	-0.3	0.3	0.5	-1.4	-0.7	-1.2	-0.6	-0.4
	4H	0.2	0.8	0.4	1.0	1.2	-1.2	-0.5	-0.9	-0.3	-0.1
	6H	1.2	1.8	1.5	2.1	2.3	-0.8	-0.2	-0.5	0.0	0.2
	8H	2.0	2.6	2.3	2.8	3.1	-0.7	-0.1	-0.4	0.1	0.4
	12H	2.9	3.5	3.2	3.7	4.0	-0.4	0.1	-0.1	0.4	0.7
4H	2H	-1.3	-0.7	-1.0	-0.5	-0.3	-1.7	-1.0	-1.4	-0.8	-0.6
	3H	-0.5	0.1	-0.2	0.4	0.6	-0.7	-0.2	-0.4	0.1	0.3
	4H	0.3	0.8	0.7	1.1	1.4	-0.1	0.4	0.2	0.7	1.0
	6H	1.6	2.1	2.0	2.4	2.7	0.6	1.0	1.0	1.4	1.7
	8H	2.6	3.0	3.0	3.3	3.7	0.9	1.3	1.3	1.7	2.0
	12H	3.8	4.2	4.2	4.5	4.9	1.3	1.7	1.7	2.1	2.5
8H	4H	0.6	1.0	0.9	1.3	1.7	0.2	0.7	0.6	1.0	1.4
	6H	1.9	2.2	2.3	2.6	3.0	1.6	1.9	2.0	2.3	2.7
	8H	2.9	3.2	3.4	3.6	4.1	2.3	2.6	2.7	3.0	3.4
	12H	4.3	4.6	4.8	5.0	5.5	3.1	3.3	3.5	3.8	4.2
12H	4H	0.7	1.1	1.1	1.4	1.8	0.3	0.6	0.7	1.0	1.4
	6H	2.1	2.4	2.5	2.8	3.2	1.7	2.0	2.2	2.4	2.9
	8H	3.1	3.4	3.6	3.8	4.3	2.7	2.9	3.1	3.4	3.8
Variations with the observer position at spacings:											
S = 1.0H		+ 1.2 / - 0.7					+ 0.7 / - 0.6				
1.5H		+ 2.4 / - 0.9					+ 1.5 / - 0.8				
2.0H		+ 1.7 / - 0.6					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 1100 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	89	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	88
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

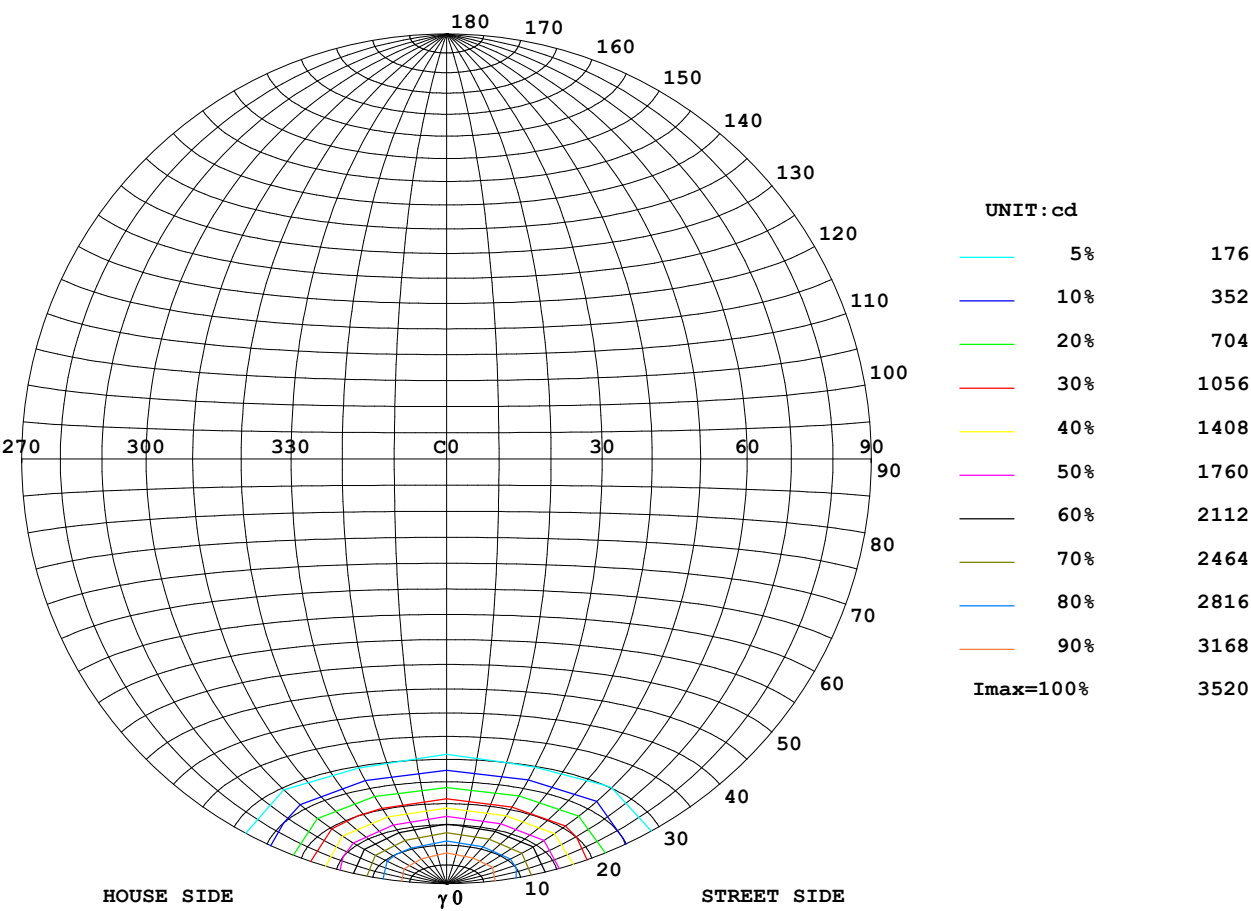
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-28-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.800 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

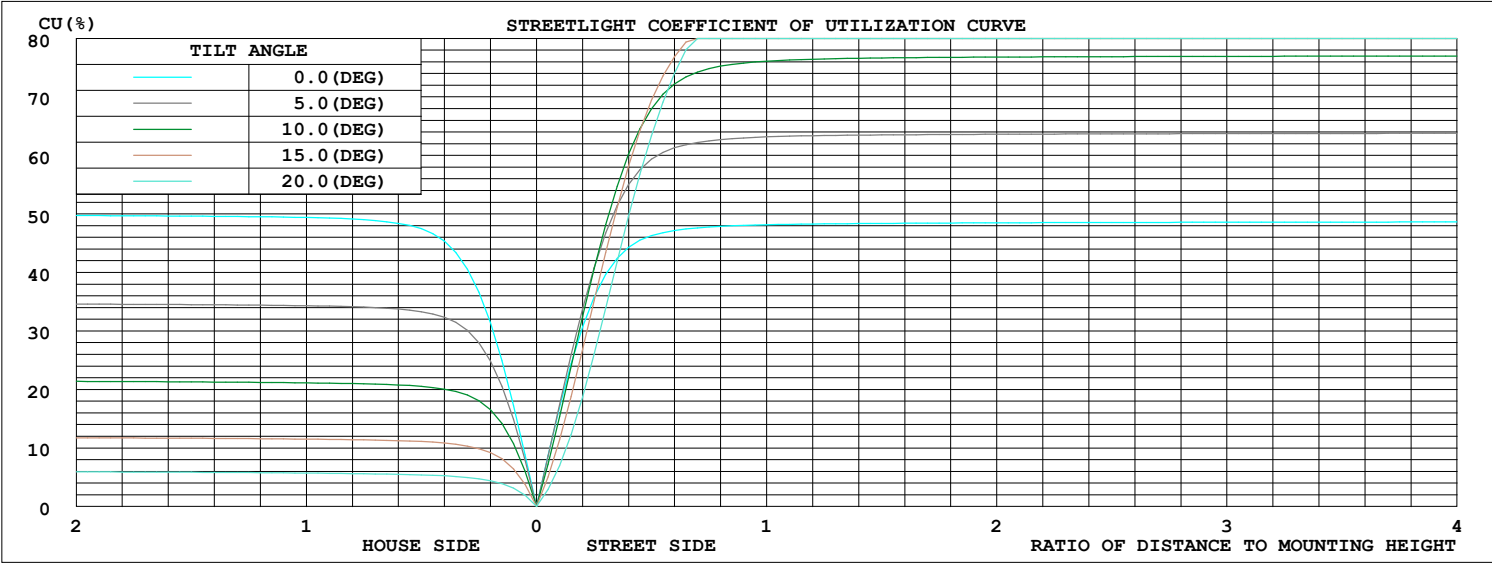
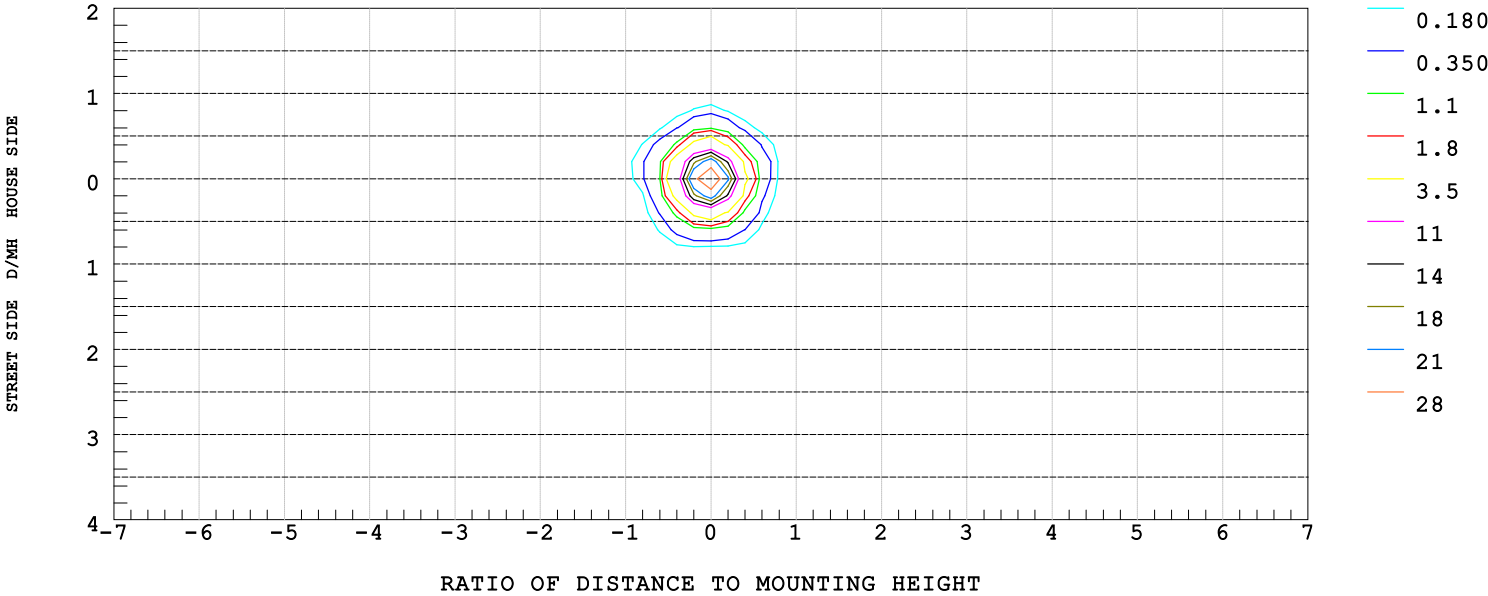
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 35.16 lx



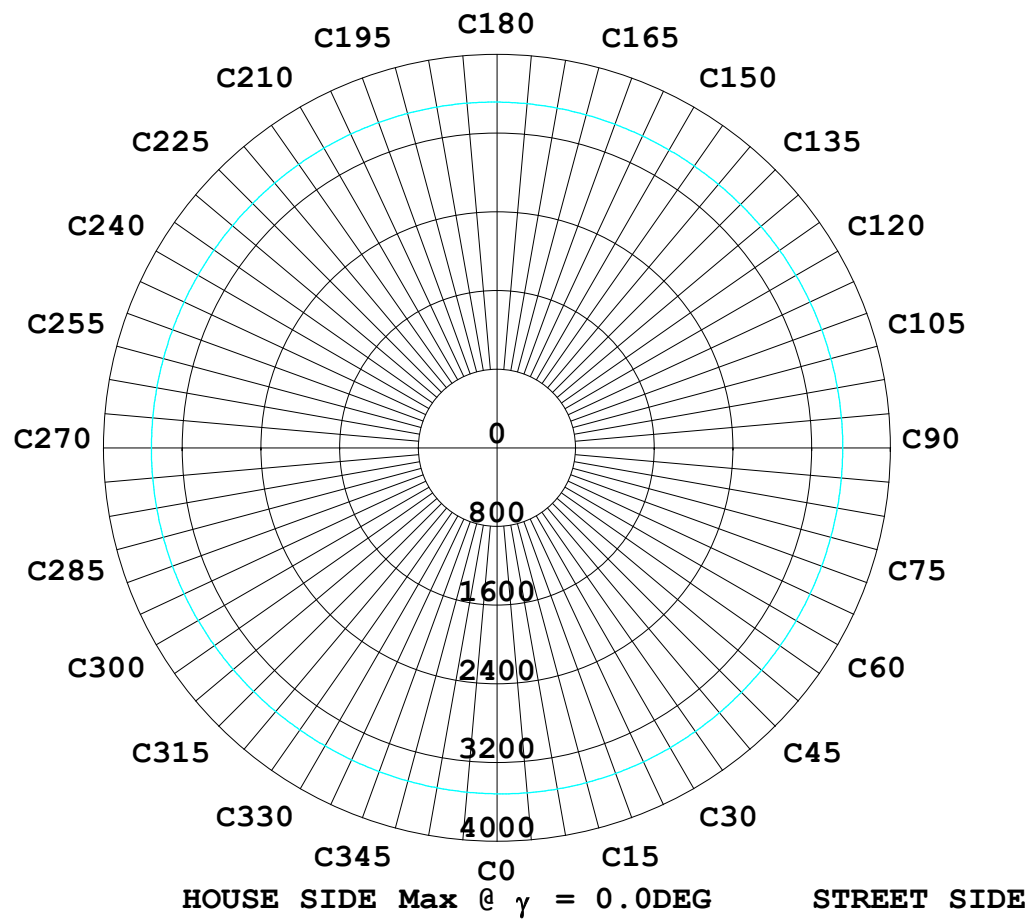
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3516	3520	3512	3514	3510	3498	3516	3520	3512	3514	3510	3498
5.0	3451	3419	3420	3365	3339	3249	3299	3322	3317	3388	3416	3470
10.0	2985	2925	2890	2744	2681	2502	2571	2608	2616	2776	2861	3011
15.0	2123	2040	2016	1828	1738	1535	1586	1645	1663	1862	1977	2171
20.0	1212	1128	1120	939	866	701	747	811	826	1008	1092	1271
25.0	513	474	455	337	329	240	257	258	292	401	467	549
30.0	199	162	177	127	135	97.2	101	126	109	156	149	206
35.0	94.8	71.3	86.6	59.8	72.4	49.2	51.1	67.0	52.4	78.3	67.4	97.7
40.0	51.6	34.0	46.7	27.8	39.4	22.5	23.8	35.3	23.3	41.1	31.5	53.4
45.0	26.0	13.3	23.3	10.4	20.8	8.35	9.21	17.7	8.16	20.1	11.1	26.3
50.0	14.6	4.70	13.3	3.84	12.1	3.36	5.09	11.8	3.45	12.1	3.84	14.6
55.0	11.0	3.16	10.2	2.78	9.70	2.49	4.22	9.50	2.49	9.79	2.68	10.3
60.0	9.21	2.59	8.54	2.30	8.25	2.11	3.84	8.06	2.20	8.25	2.20	8.64
65.0	7.97	2.30	7.39	2.01	7.01	1.82	3.74	7.10	1.92	7.20	1.92	7.39
70.0	7.01	2.01	6.33	1.72	6.05	1.72	3.55	6.24	1.72	6.14	1.63	6.33
75.0	6.14	2.01	5.66	1.63	5.37	1.53	3.55	5.47	1.63	5.37	1.53	5.57
80.0	5.57	1.82	5.09	1.63	4.89	1.53	3.55	4.89	1.63	4.80	1.44	4.99
85.0	5.18	2.01	4.60	1.53	4.51	1.53	3.64	4.41	1.53	4.41	1.44	4.41
90.0	4.70	2.40	4.12	2.11	4.03	2.20	4.89	3.93	1.82	3.84	1.72	3.84

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

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