

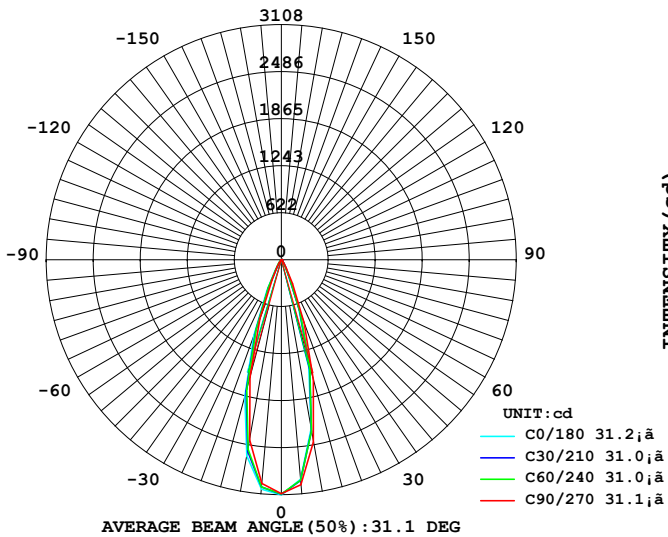
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

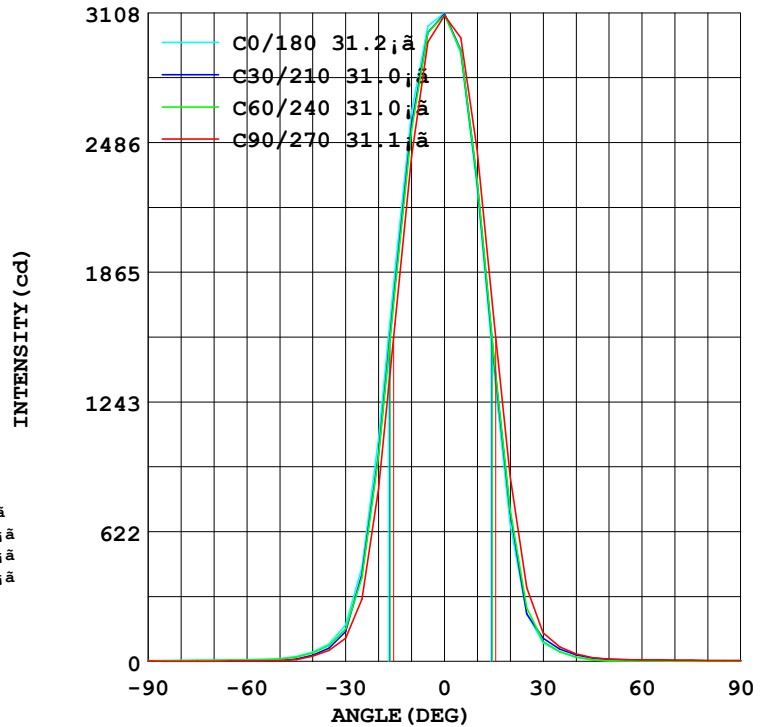
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3108	S/MH (C0/180)	0.54
MODEL	SERA	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.50
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	969.86	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	83.3	Current (A)	0.058
NOMINAL FLUX (lm)	969.9	η up (%)	0.0	Power (W)	11.65
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.966
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	851.8	EEI	0.173

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: 9.200 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

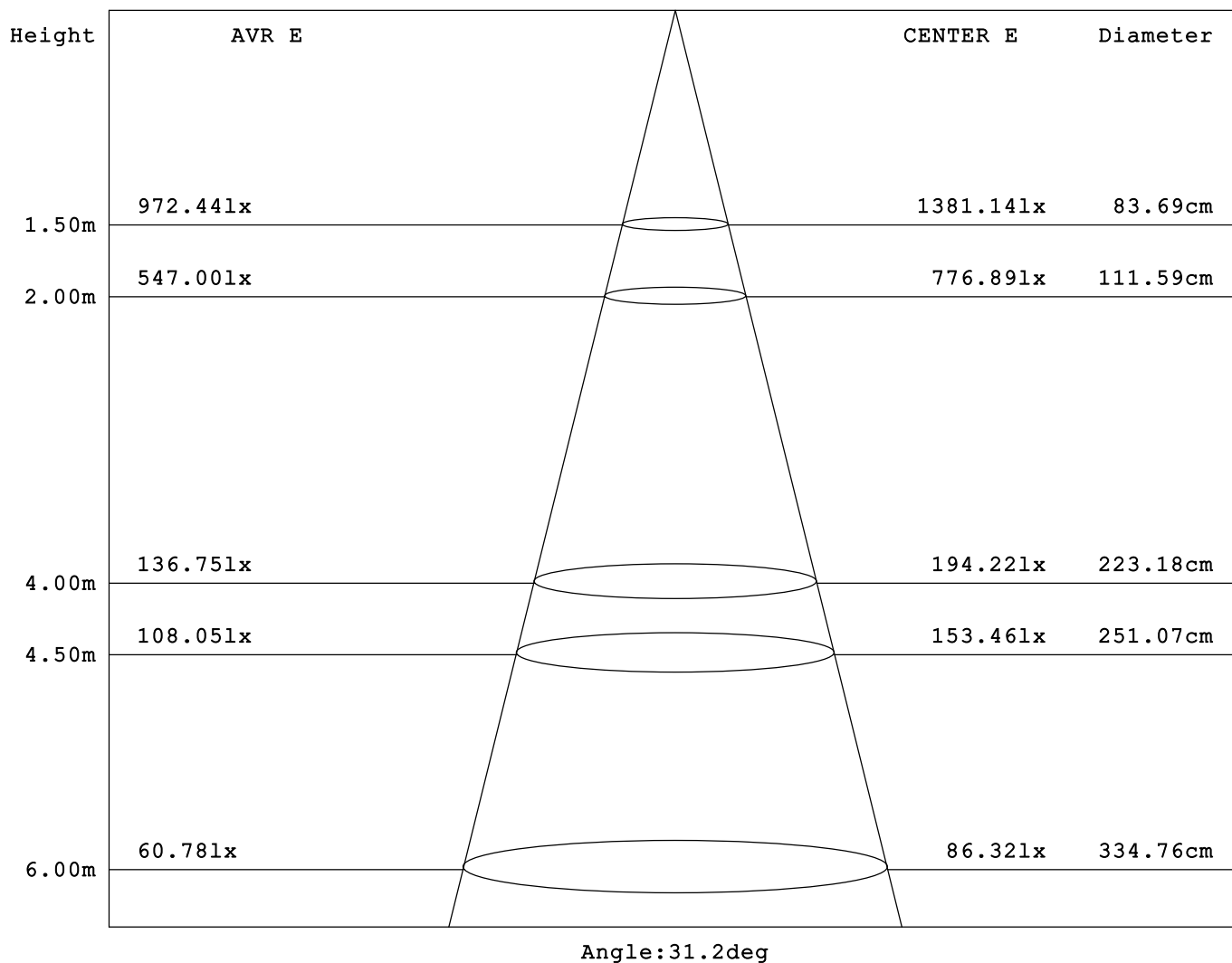
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.200 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: SERA DOWNLIGHTER	TYPE: 4000K 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: 9.200 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K 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	2633	2558	2419	2282	2267	2304	2449	2593	0- 10	266.0	266.0
20.0	1069	990.7	828.7	690.2	660.6	722.9	888.8	1041	10- 20	446.5	712.5
30.0	175.3	149.4	111.7	102.4	89.37	103.5	137.3	157.0	20- 30	184.3	896.8
40.0	45.45	35.71	24.63	27.33	21.07	25.81	36.22	37.41	30- 40	43.77	940.6
50.0	12.86	7.871	3.385	6.771	4.401	6.686	10.74	8.125	40- 50	12.93	953.6
60.0	8.125	4.866	2.031	4.528	3.470	4.485	7.194	4.697	50- 60	5.347	958.9
70.0	6.178	3.597	1.438	3.343	3.131	3.427	5.416	3.512	60- 70	4.205	963.1
80.0	4.909	3.004	1.438	2.835	3.131	2.793	4.232	2.877	70- 80	3.525	966.6
90.0	4.147	2.877	1.777	2.708	4.316	2.496	3.385	2.539	80- 90	3.185	969.8
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

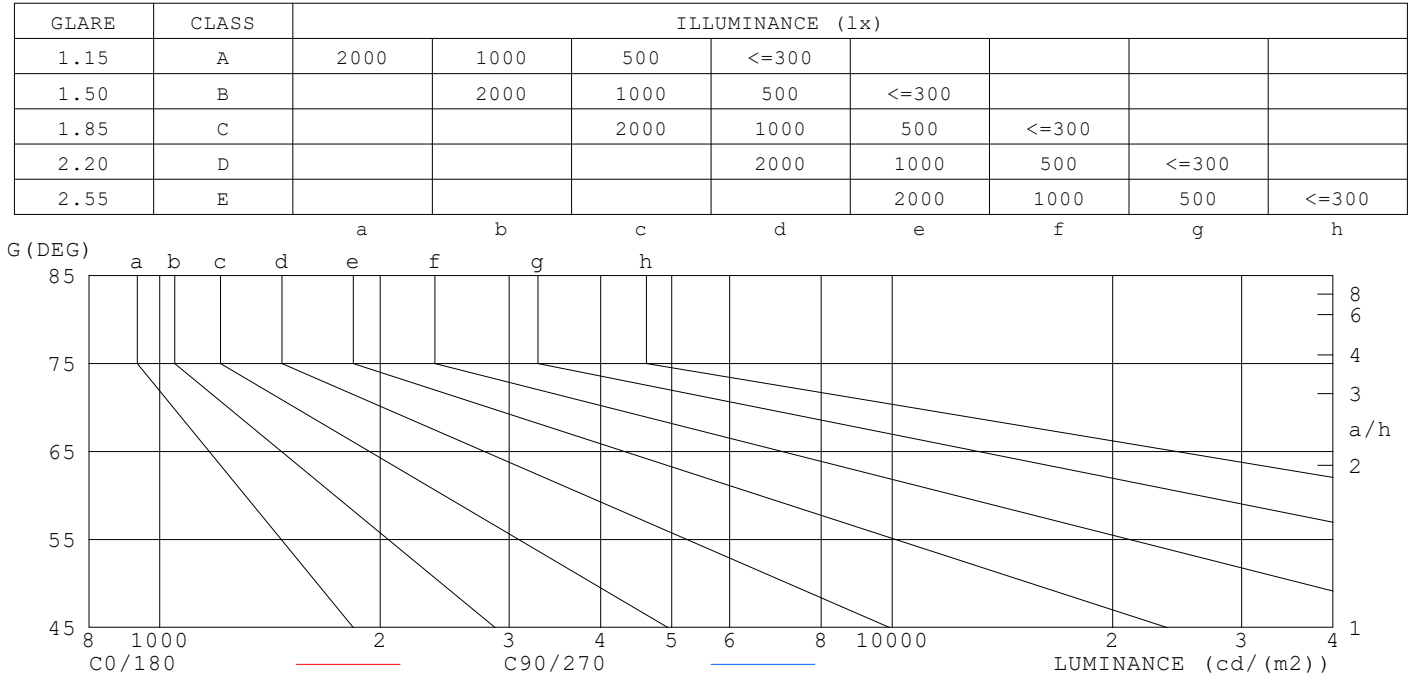
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.200 m
 Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	515	155
80	283	83
75	209	56
70	181	42
65	168	44
60	163	41
55	171	43
50	200	53
45	326	129

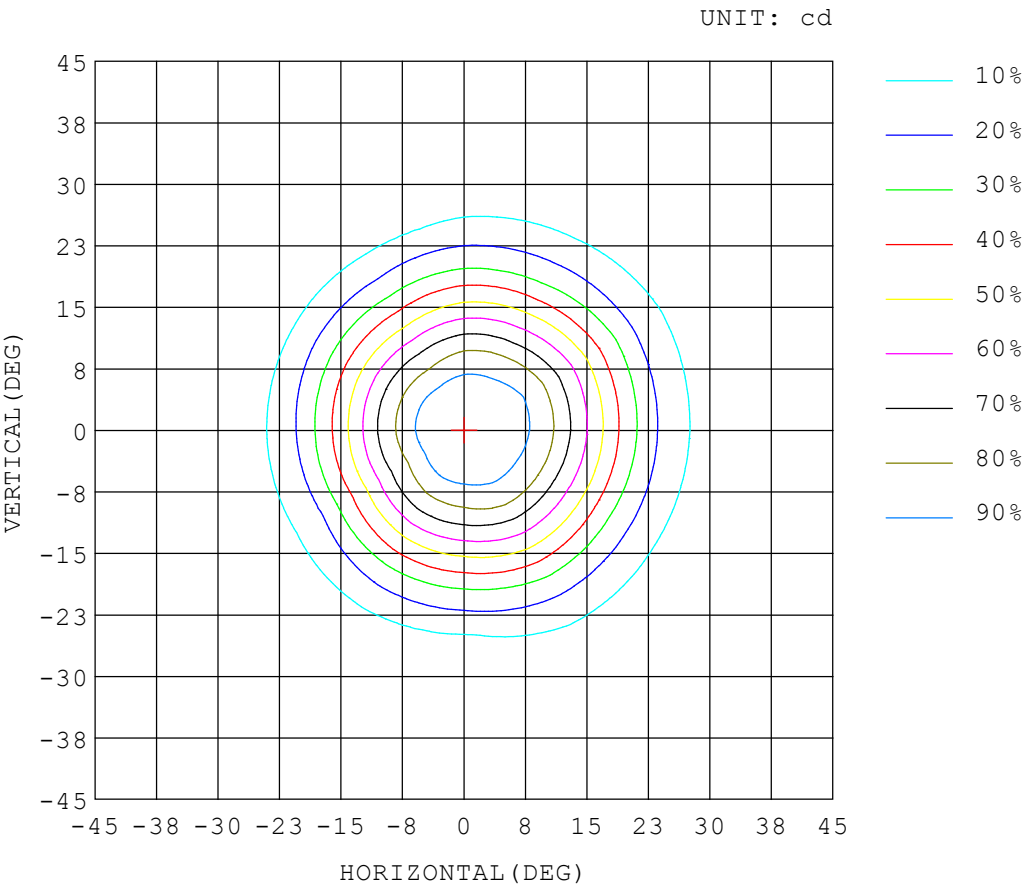
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.200 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:



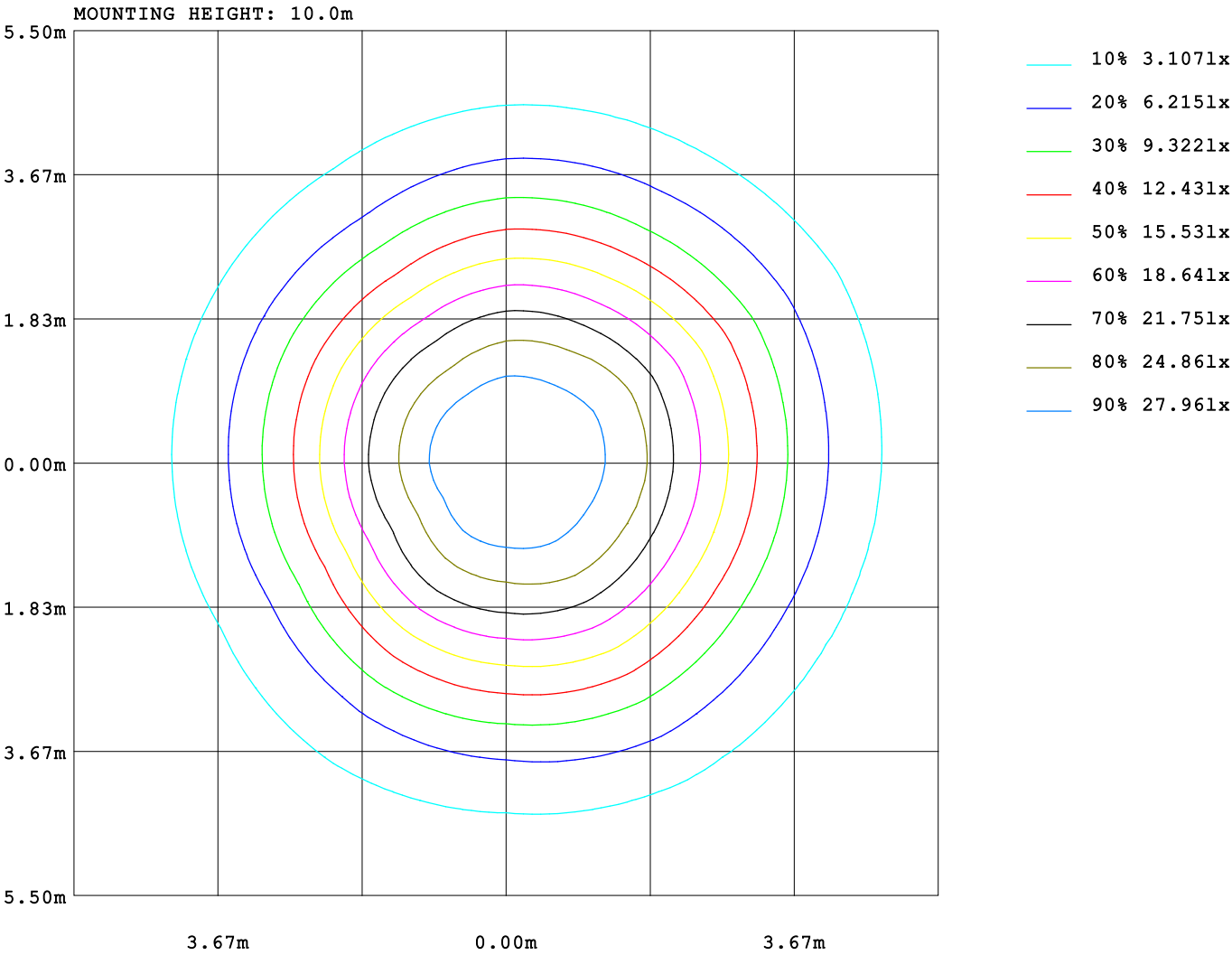
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.200 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K 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:9.200 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: SERA DOWNLIGHTER										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION: OSRAM 350 MA										DIMENSION: D-86 CUT-75 H-80 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.04	0.04	0.04	0.04	0.04	0.07	0.11	0.15	0.19	0.20	0.17	0.13	0.08	0.06	0.05	0.04	0.04	0.04	1.52	0.00			
45																							
40	0.04	0.05	0.06	0.07	0.10	0.15	0.23	0.31	0.38	0.39	0.34	0.27	0.19	0.14	0.10	0.08	0.06	0.05	2.99	0.00			
35	0.05	0.07	0.09	0.14	0.21	0.29	0.44	0.60	0.74	0.76	0.67	0.53	0.38	0.29	0.21	0.13	0.09	0.07	5.75	0.00			
30	0.06	0.10	0.16	0.25	0.38	0.55	0.86	1.32	1.73	1.85	1.61	1.15	0.77	0.53	0.36	0.23	0.14	0.08	12.1	0.90			
25	0.07	0.13	0.24	0.40	0.65	1.11	1.93	3.24	4.37	4.69	4.07	2.94	1.81	0.99	0.59	0.36	0.20	0.11	27.9	19.4			
20	0.07	0.16	0.32	0.59	1.07	2.23	4.43	6.91	9.01	9.54	8.34	6.22	3.79	1.95	0.93	0.49	0.26	0.13	56.4	50.4			
15	0.08	0.19	0.38	0.77	1.67	4.24	7.93	11.6	14.7	15.4	13.6	10.5	6.68	3.26	1.37	0.63	0.32	0.16	93.7	88.5			
	0.09	0.20	0.43	0.95	2.52	6.21	11.3	16.4	19.7	20.4	18.6	14.5	9.20	4.53	1.83	0.75	0.37	0.18	128	124			
	0.09	0.21	0.44	1.06	3.06	7.34	13.3	19.1	22.5	23.0	21.1	16.4	10.5	5.26	2.09	0.82	0.39	0.19	147	143			
	0.08	0.20	0.43	1.03	2.98	7.16	13.0	18.7	22.3	23.0	20.8	16.1	10.2	5.13	2.03	0.80	0.38	0.18	145	141			
	0.07	0.18	0.38	0.88	2.36	5.70	10.7	16.2	19.8	20.4	18.3	13.8	8.55	4.19	1.68	0.68	0.33	0.16	125	120			
-15	0.06	0.15	0.32	0.65	1.52	3.84	7.73	11.9	14.7	15.3	13.7	10.1	6.05	2.86	1.16	0.52	0.26	0.13	91.3	86.4			
-20	0.05	0.11	0.24	0.46	0.99	2.21	4.51	7.06	8.86	9.35	8.39	6.13	3.50	1.70	0.74	0.37	0.19	0.09	54.9	49.4			
-25	0.03	0.08	0.17	0.34	0.62	1.19	2.11	3.24	4.08	4.35	3.91	2.88	1.76	0.91	0.48	0.25	0.13	0.06	26.6	18.6			
-30	0.02	0.05	0.12	0.24	0.41	0.66	0.97	1.30	1.51	1.61	1.54	1.24	0.86	0.54	0.32	0.17	0.08	0.04	11.7	0.00			
-35	0.02	0.04	0.08	0.16	0.27	0.40	0.50	0.59	0.63	0.65	0.66	0.59	0.48	0.33	0.20	0.11	0.05	0.02	5.78	0.00			
-40	0.02	0.03	0.06	0.10	0.17	0.23	0.27	0.30	0.30	0.31	0.32	0.31	0.27	0.20	0.12	0.07	0.04	0.02	3.12	0.00			
-45	0.02	0.03	0.04	0.07	0.10	0.12	0.14	0.14	0.14	0.14	0.15	0.15	0.14	0.12	0.08	0.05	0.03	0.02	1.67	0.00			
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45		
Φ t	0.96	2.00	4.00	8.20	19.1	43.7	80.6	119	146	152	137	104	65.3	33.0	14.3	6.56	3.35	1.73	970				
Φ a	0.00	0.00	0.00	0.00	9.40	36.8	74.7	114	140	146	131	98.7	59.5	26.3	4.00	0.00	0.00	0.00		852			

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

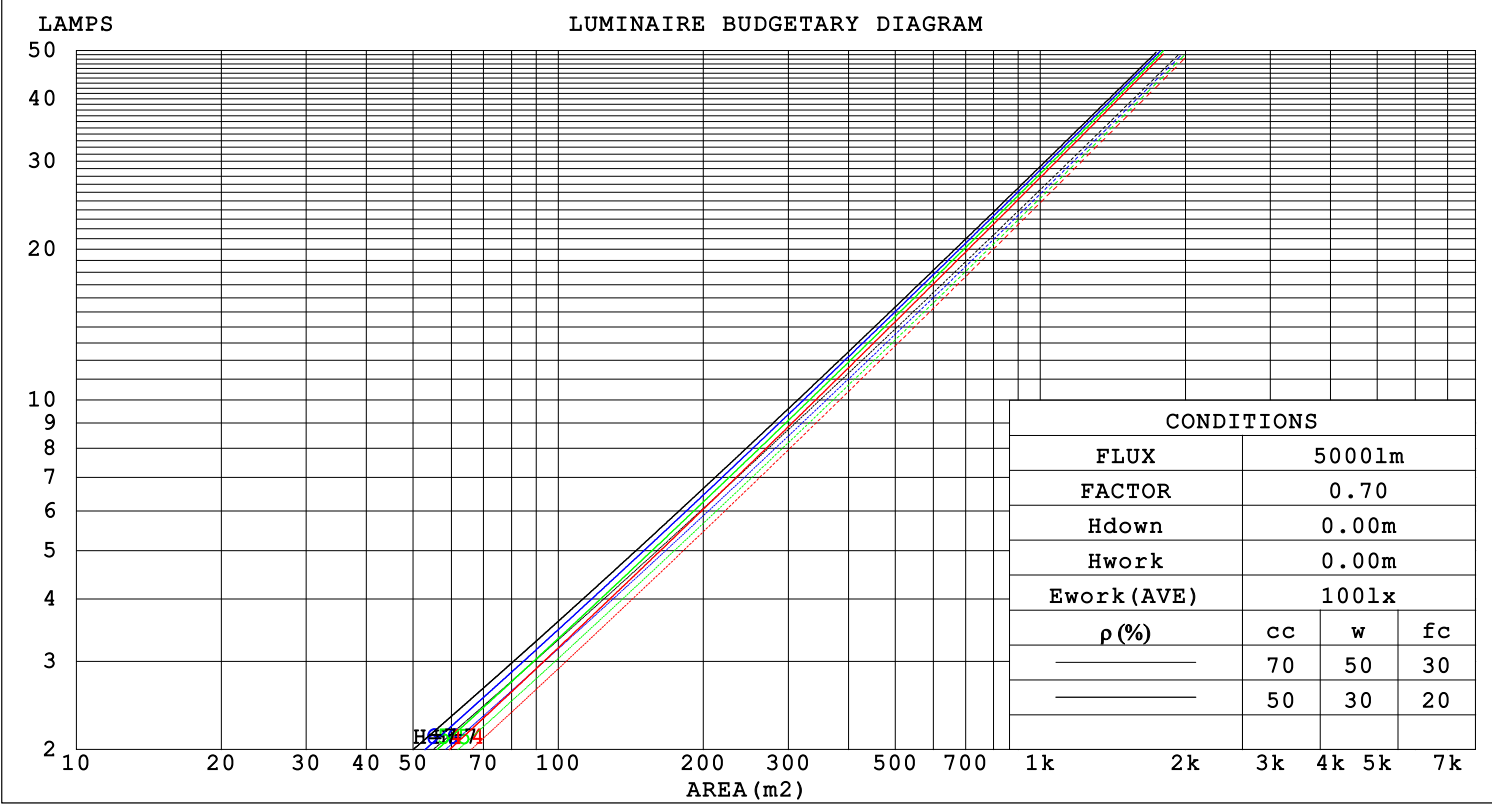
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.200 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: SERA DOWNLIGHTER								TYPE: 4000K 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	.89	.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:9.200 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: SERA DOWNLIGHTER								TYPE: 4000K 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	.085	.027	.144	.082	.026	.131	.075	.024	.120	.069	.022	.109	.063	.020	
2.0	.139	.076	.023	.133	.073	.023	.123	.068	.021	.113	.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	.127	.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:9.200 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: SERA DOWNLIGHTER					TYPE: 4000K 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	-1.8	-1.0	-1.6	-0.9	-0.7	-2.2	-1.5	-2.0	-1.3	-1.2
	3H	-1.0	-0.3	-0.7	-0.1	0.1	-1.9	-1.2	-1.6	-1.0	-0.8
	4H	-0.3	0.4	-0.0	0.6	0.8	-1.6	-1.0	-1.4	-0.8	-0.6
	6H	0.8	1.4	1.1	1.6	1.9	-1.3	-0.7	-1.0	-0.5	-0.2
	8H	1.5	2.1	1.8	2.3	2.6	-1.1	-0.6	-0.8	-0.3	-0.1
	12H	2.4	3.0	2.7	3.2	3.5	-0.9	-0.3	-0.6	-0.0	0.2
4H	2H	-1.7	-1.1	-1.5	-0.9	-0.7	-2.1	-1.5	-1.8	-1.3	-1.0
	3H	-0.9	-0.4	-0.6	-0.1	0.2	-1.2	-0.7	-0.9	-0.4	-0.1
	4H	-0.1	0.4	0.2	0.7	1.0	-0.6	-0.1	-0.3	0.2	0.5
	6H	1.2	1.6	1.5	1.9	2.3	0.1	0.5	0.5	0.9	1.2
	8H	2.1	2.5	2.4	2.8	3.2	0.4	0.8	0.8	1.2	1.5
	12H	3.2	3.6	3.6	4.0	4.4	0.9	1.2	1.3	1.6	2.0
8H	4H	0.1	0.5	0.5	0.9	1.2	-0.3	0.2	0.1	0.5	0.9
	6H	1.4	1.8	1.8	2.1	2.6	1.0	1.4	1.5	1.8	2.2
	8H	2.4	2.7	2.8	3.1	3.5	1.8	2.1	2.2	2.5	2.9
	12H	3.8	4.1	4.2	4.5	5.0	2.6	2.8	3.0	3.3	3.8
12H	4H	0.2	0.6	0.6	1.0	1.4	-0.3	0.1	0.1	0.5	0.9
	6H	1.6	1.9	2.0	2.3	2.8	1.2	1.5	1.6	1.9	2.4
	8H	2.6	2.8	3.0	3.3	3.8	2.2	2.4	2.6	2.9	3.4
Variations with the observer position at spacings:											
S = 1.0H		+ 1.2 / - 0.7					+ 0.7 / - 0.6				
1.5H		+ 2.4 / - 1.0					+ 1.5 / - 0.8				
2.0H		+ 1.8 / - 0.6					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 969.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

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:9.200 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K 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		

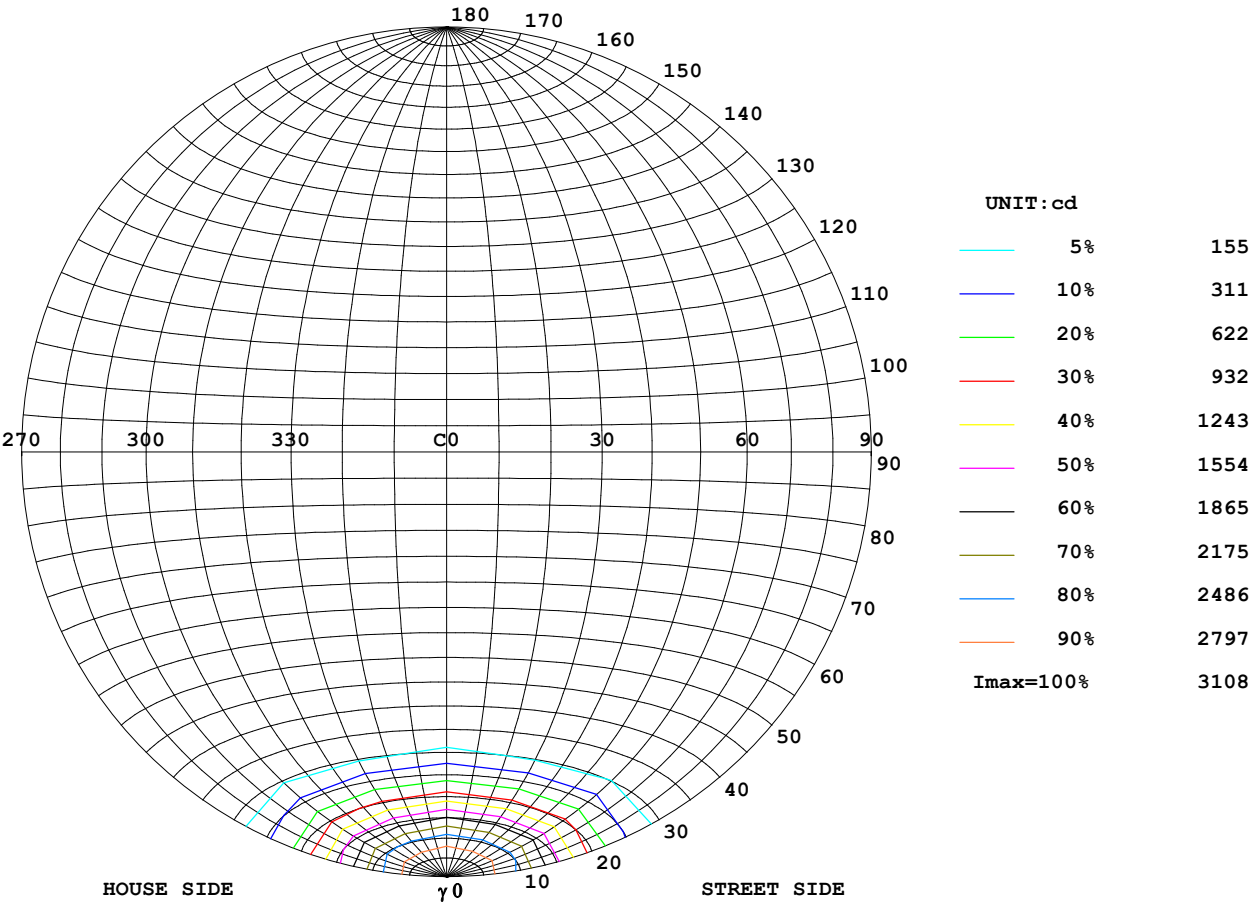
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-28-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.200 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K 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:9.200 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-86 CUT-75 H-80 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 31.08 lx



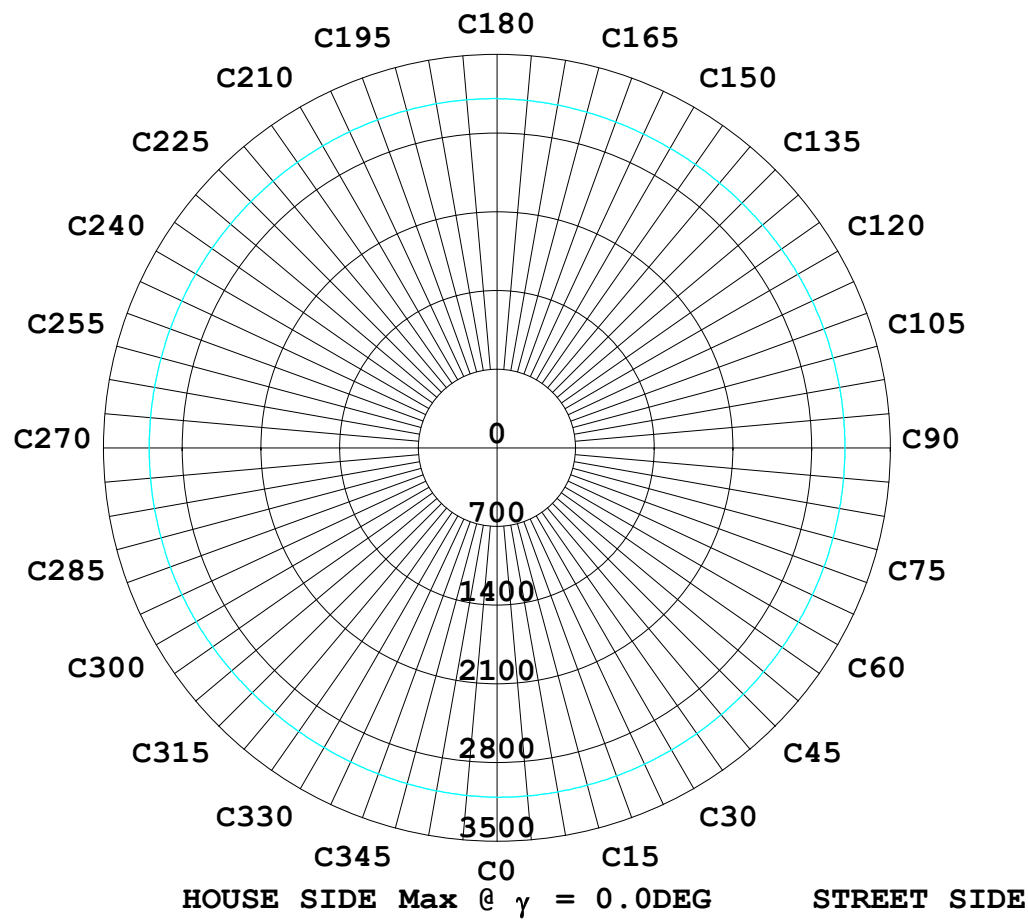
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.200 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K 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:9.200 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: SERA DOWNLIGHTER	TYPE: 4000K 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	3108	3103	3096	3094	3091	3078	3108	3103	3096	3094	3091	3078
5.0	3045	3014	3016	2968	2941	2862	2912	2929	2925	2988	3011	3056
10.0	2633	2572	2545	2419	2361	2202	2267	2300	2307	2449	2522	2663
15.0	1871	1797	1776	1615	1531	1355	1398	1451	1466	1643	1742	1912
20.0	1069	996	986	829	762	618	661	717	729	889	962	1120
25.0	452	418	400	298	289	212	228	228	257	354	411	483
30.0	175	143	156	112	119	85.7	89.3	111	96.2	137	132	182
35.0	83.7	62.9	76.4	52.7	64.0	43.6	45.3	59.0	46.2	69.1	59.5	86.2
40.0	45.4	30.1	41.3	24.6	34.7	19.8	21.0	31.0	20.5	36.2	27.6	47.1
45.0	23.0	11.6	20.6	9.14	18.4	7.44	8.12	15.6	7.10	17.7	9.73	23.1
50.0	12.8	4.06	11.6	3.38	10.5	2.96	4.40	10.4	2.96	10.7	3.30	12.9
55.0	9.81	2.70	9.05	2.45	8.54	2.28	3.72	8.37	2.28	8.63	2.36	9.14
60.0	8.12	2.20	7.53	2.03	7.19	1.86	3.47	7.10	1.86	7.19	1.86	7.53
65.0	7.10	2.03	6.43	1.86	6.17	1.60	3.30	6.17	1.69	6.26	1.69	6.51
70.0	6.17	1.69	5.50	1.43	5.24	1.43	3.13	5.41	1.43	5.41	1.43	5.58
75.0	5.41	1.69	4.90	1.43	4.73	1.35	3.04	4.73	1.35	4.73	1.35	4.90
80.0	4.90	1.60	4.40	1.43	4.31	1.35	3.13	4.23	1.35	4.23	1.35	4.40
85.0	4.48	1.69	4.06	1.35	3.89	1.35	3.21	3.80	1.26	3.89	1.26	3.97
90.0	4.14	2.11	3.63	1.77	3.55	1.86	4.31	3.38	1.60	3.38	1.60	3.47

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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