

LUMINAIRE PHOTOMETRIC TEST REPORT

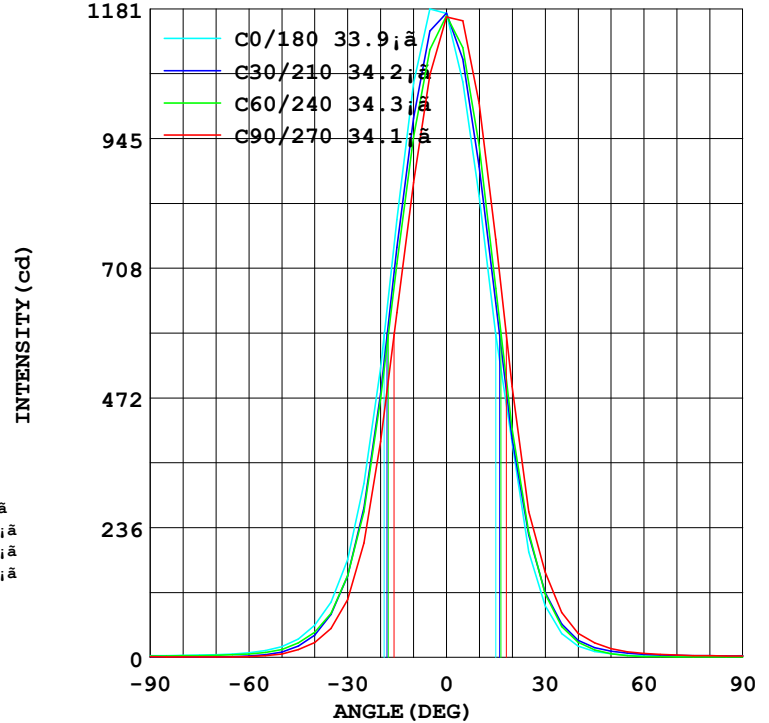
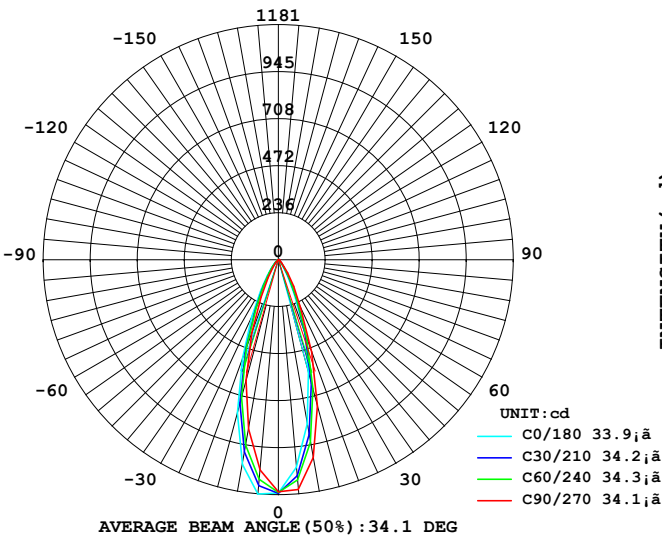
Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1196	S/MH (C0/180)	0.61
MODEL	MONOCULARS HB	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.52
NOMINAL POWER (W)	5	TOTAL FLUX (lm)	491.70	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	97.4	Current (A)	0.025
NOMINAL FLUX (lm)	491.7	η up (%)	0.0	Power (W)	5.050
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	420.3	EET	0.131

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

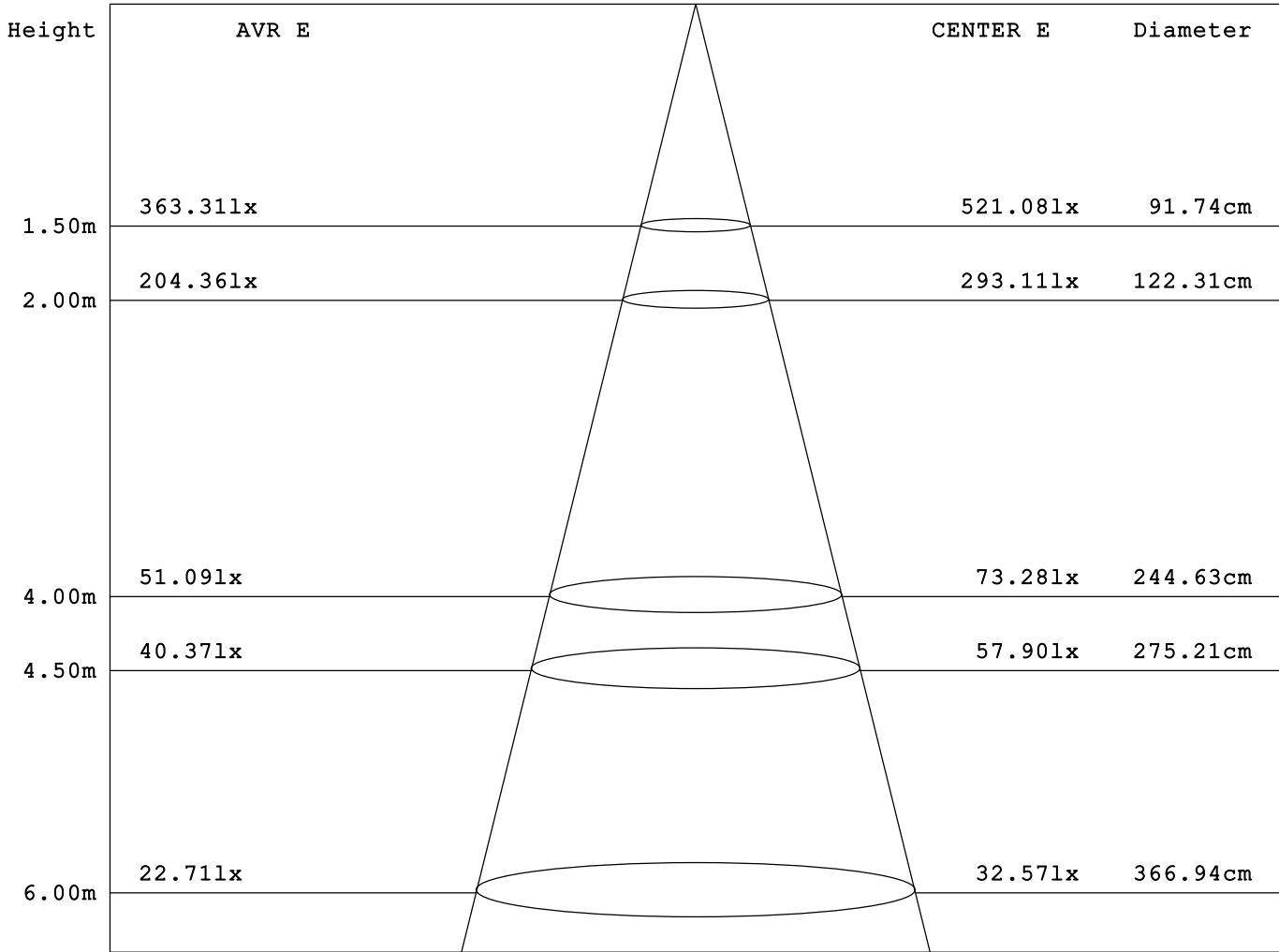
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 9.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:



Angle: 34.0deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1045	964.6	864.3	825.2	839.9	912.5	1008	1068	0- 10	100.6	100.6
20.0	526.9	475.5	393.0	349.6	391.8	407.1	492.9	543.4	10- 20	191.4	292.1
30.0	178.1	148.6	105.4	93.90	94.85	117.5	155.7	169.9	20- 30	121.1	413.2
40.0	58.75	43.13	27.16	24.59	20.93	29.46	44.04	47.02	30- 40	47.23	460.5
50.0	19.40	12.09	6.137	7.310	6.588	8.889	16.06	14.03	40- 50	16.79	477.3
60.0	8.212	4.241	1.534	3.203	2.797	3.655	7.220	4.918	50- 60	6.336	483.6
70.0	4.873	2.527	0.812	2.211	2.346	2.436	4.151	2.527	60- 70	3.339	487.0
80.0	3.700	2.075	0.812	1.805	2.436	1.940	2.978	1.850	70- 80	2.452	489.4
90.0	3.068	2.030	1.173	1.805	3.429	1.759	2.346	1.714	80- 90	2.242	491.7
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:03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

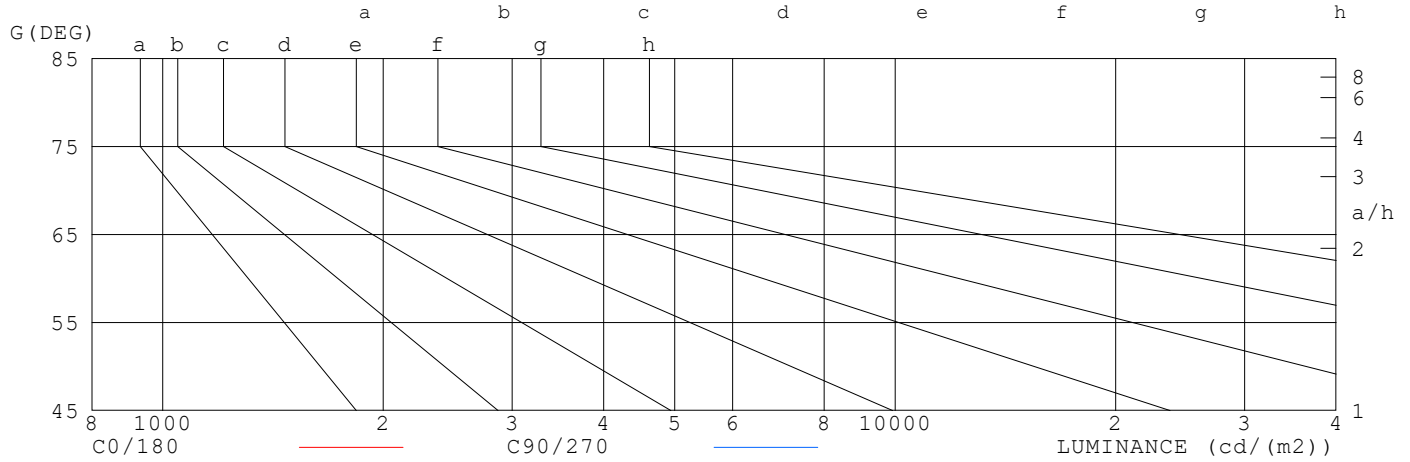
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	393	104
80	213	47
75	164	28
70	142	24
65	145	26
60	164	31
55	217	52
50	302	95
45	477	198

Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

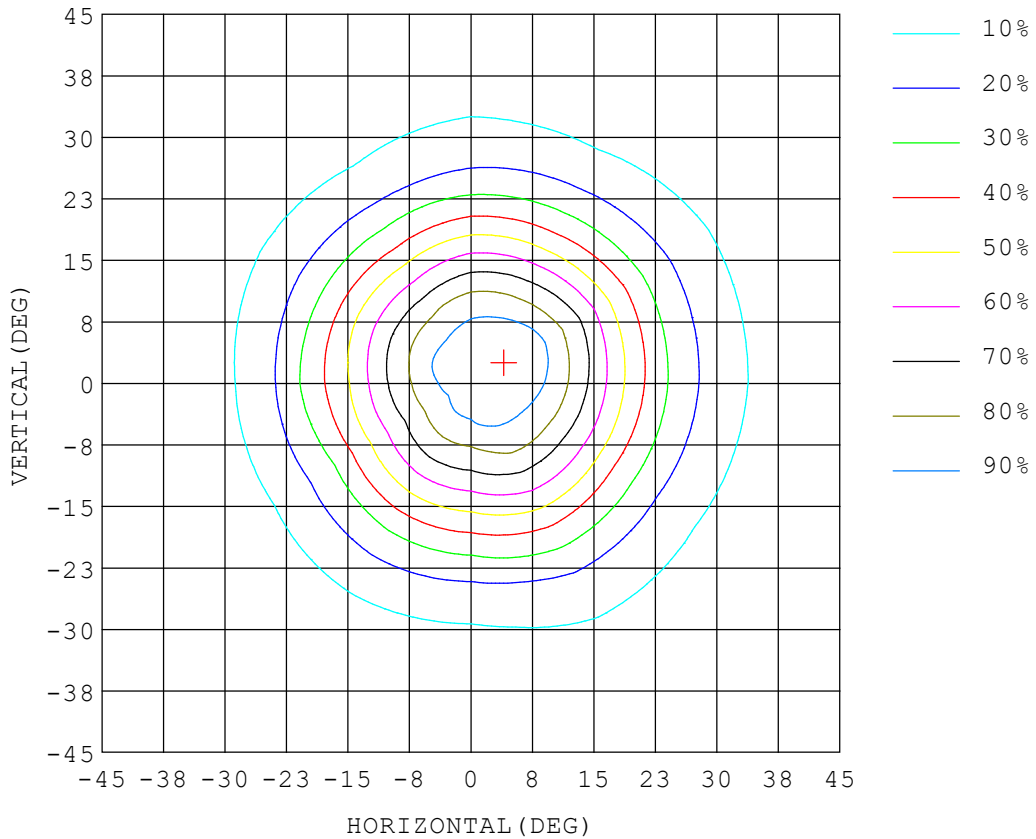
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

UNIT: cd



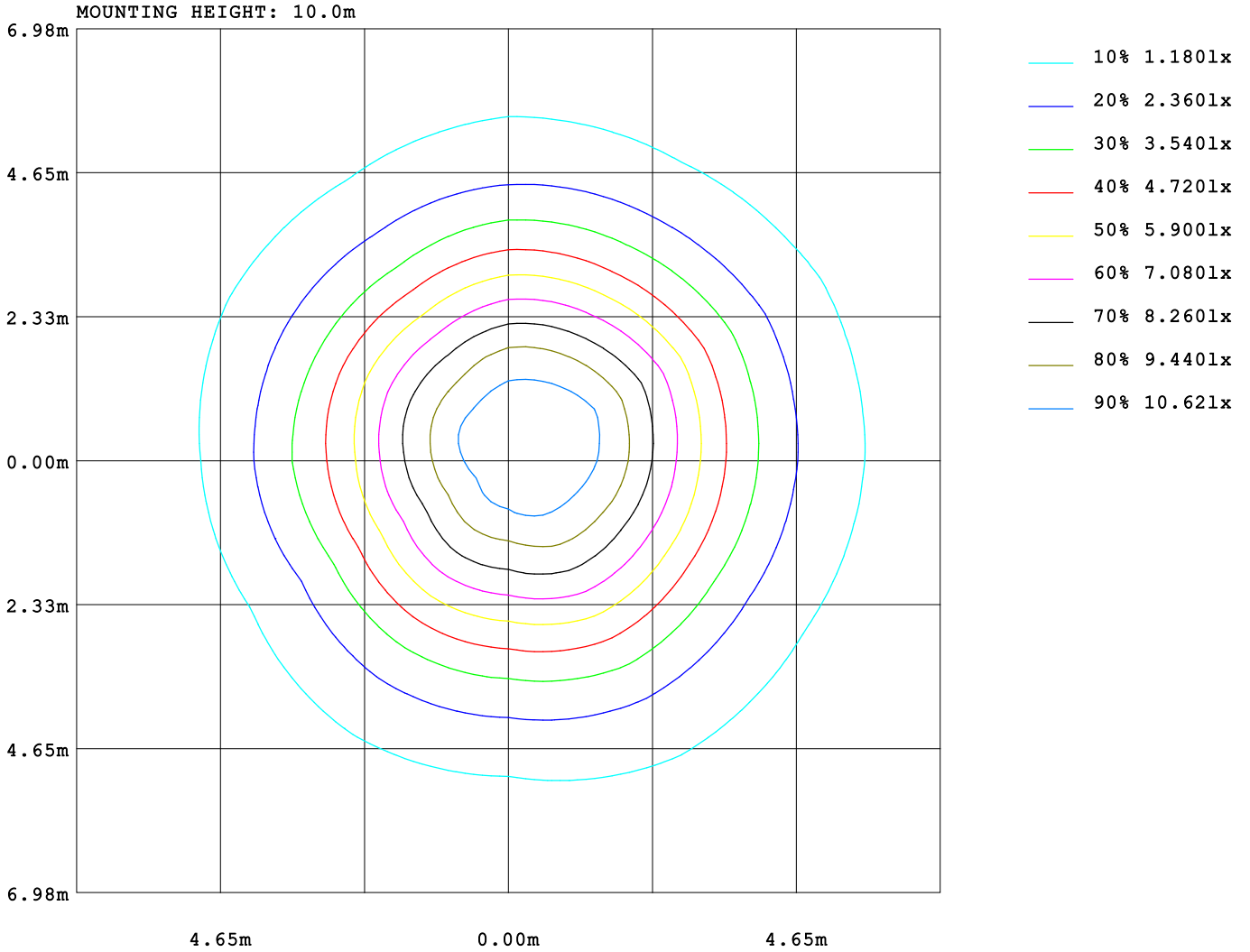
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOOUT-62 H-93 MM	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45			
45	0.03	0.04	0.05	0.06	0.08	0.12	0.16	0.21	0.25	0.26	0.23	0.19	0.15	0.11	0.09	0.08	0.06	0.05	2.22	0.00		
40	0.04	0.06	0.08	0.10	0.14	0.20	0.29	0.38	0.45	0.47	0.42	0.34	0.26	0.20	0.16	0.12	0.09	0.07	3.86	0.00		
35	0.06	0.08	0.11	0.17	0.25	0.36	0.52	0.71	0.85	0.89	0.79	0.64	0.47	0.37	0.27	0.19	0.13	0.09	6.95	1.25		
30	0.07	0.11	0.17	0.28	0.43	0.65	0.95	1.28	1.52	1.59	1.46	1.18	0.89	0.63	0.44	0.29	0.19	0.12	12.2	8.18		
25	0.08	0.14	0.24	0.43	0.72	1.13	1.63	2.23	2.73	2.86	2.60	2.10	1.56	1.05	0.69	0.43	0.26	0.15	21.0	18.0		
20	0.09	0.16	0.32	0.62	1.09	1.78	2.67	3.65	4.50	4.73	4.28	3.45	2.49	1.64	1.00	0.58	0.33	0.19	33.6	31.2		
15	0.09	0.19	0.39	0.80	1.49	2.55	3.89	5.24	6.36	6.71	6.17	5.03	3.60	2.26	1.29	0.72	0.40	0.22	47.4	45.3		
10	0.10	0.20	0.44	0.93	1.83	3.22	4.93	6.59	7.81	8.25	7.75	6.40	4.47	2.74	1.54	0.83	0.45	0.24	58.7	56.8		
5	0.09	0.20	0.46	0.98	2.03	3.54	5.33	7.17	8.47	8.93	8.42	6.87	4.81	2.96	1.66	0.89	0.48	0.26	63.6	61.8		
0	0.09	0.19	0.43	0.94	1.94	3.39	5.09	6.81	8.11	8.60	8.04	6.57	4.62	2.85	1.60	0.86	0.46	0.25	60.9	59.0		
-5	0.08	0.17	0.38	0.80	1.60	2.81	4.33	5.95	7.08	7.47	7.00	5.67	3.96	2.44	1.39	0.76	0.41	0.22	52.5	50.6		
-10	0.07	0.15	0.30	0.62	1.18	2.10	3.39	4.69	5.50	5.80	5.51	4.43	3.05	1.87	1.09	0.61	0.34	0.19	40.9	38.7		
-15	0.06	0.11	0.23	0.44	0.85	1.49	2.36	3.20	3.75	3.97	3.79	3.08	2.12	1.35	0.80	0.46	0.26	0.15	28.4	26.1		
-20	0.04	0.08	0.16	0.31	0.56	0.96	1.46	1.92	2.22	2.34	2.25	1.89	1.38	0.91	0.56	0.32	0.19	0.11	17.6	14.8		
-25	0.03	0.06	0.12	0.21	0.36	0.57	0.82	1.03	1.16	1.23	1.23	1.09	0.86	0.59	0.38	0.23	0.13	0.07	10.1	6.00		
-30	0.02	0.04	0.08	0.15	0.23	0.33	0.44	0.53	0.59	0.63	0.65	0.60	0.51	0.37	0.25	0.16	0.09	0.05	5.73	0.00		
-35	0.02	0.03	0.06	0.10	0.15	0.20	0.24	0.28	0.30	0.32	0.34	0.33	0.30	0.24	0.16	0.11	0.06	0.03	3.29	0.00		
-40	0.01	0.03	0.04	0.07	0.10	0.12	0.14	0.15	0.16	0.17	0.19	0.19	0.17	0.15	0.10	0.07	0.04	0.03	1.93	0.00		
-45																						
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45			
Φ t	1.06	2.04	4.07	7.99	15.0	25.5	38.7	52.0	61.8	65.2	61.1	50.1	35.7	22.7	13.5	7.71	4.37	2.46	492			
Φ a	0.00	0.00	0.00	3.24	11.6	22.7	36.0	49.6	59.5	62.9	58.8	47.6	33.1	19.8	10.0	2.80	0.00	0.00		420		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-30-2026

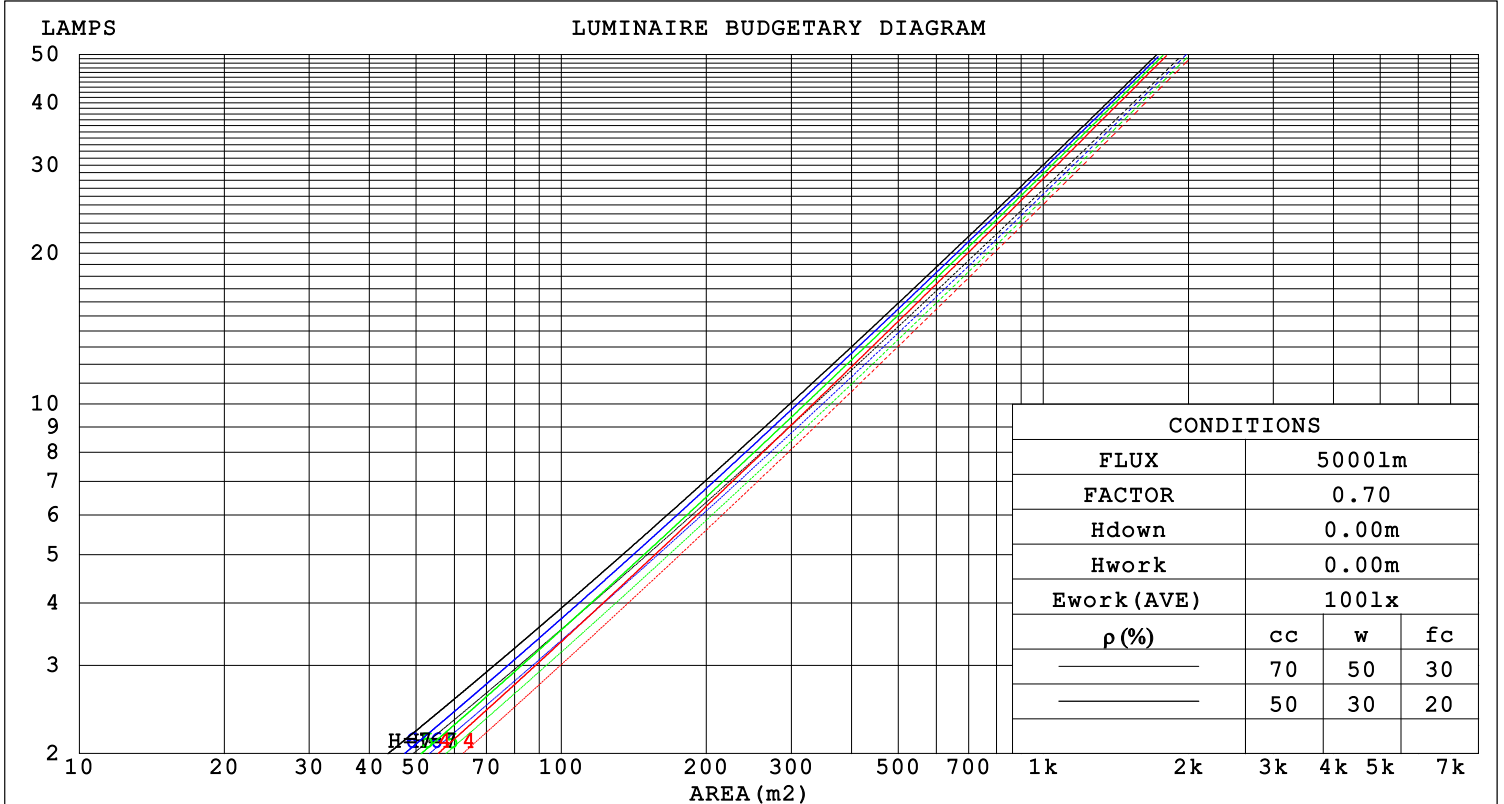
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	.90	.97	.90	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.89	.92	.90	.87	.90	.88	.86	.85
4.0	.94	.89	.85	.92	.88	.84	.90	.87	.83	.88	.85	.83	.87	.84	.82	.80
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.85	.81	.78	.83	.80	.78	.76
6.0	.85	.79	.76	.84	.79	.75	.82	.78	.75	.81	.77	.74	.80	.77	.74	.73
7.0	.81	.76	.72	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.71	.69
8.0	.77	.72	.69	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.68	.66
9.0	.74	.69	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.69	.65	.62	.61



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.166	.095	.030	.160	.091	.029	.147	.084	.027	.136	.078	.025	.125	.073	.023	
2.0	.155	.085	.026	.150	.082	.025	.139	.077	.024	.130	.073	.023	.121	.068	.022	
3.0	.146	.077	.023	.141	.075	.023	.132	.072	.022	.124	.068	.021	.116	.064	.020	
4.0	.137	.071	.021	.133	.070	.021	.126	.067	.020	.119	.064	.019	.112	.061	.019	
5.0	.130	.066	.019	.126	.065	.019	.120	.062	.018	.114	.060	.018	.108	.058	.017	
6.0	.123	.062	.018	.120	.061	.017	.114	.059	.017	.109	.057	.017	.104	.055	.016	
7.0	.117	.058	.016	.114	.057	.016	.109	.055	.016	.105	.054	.016	.100	.052	.015	
8.0	.112	.055	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015	.097	.050	.014	
9.0	.107	.052	.014	.105	.051	.014	.101	.050	.014	.097	.049	.014	.094	.048	.014	
10.0	.102	.049	.014	.100	.049	.014	.097	.047	.013	.094	.046	.013	.090	.045	.013	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.099	.090	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.092	.120	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.112	.077	.052	.096	.067	.045	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.105	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.085	.054	.033	.059	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.056	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 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	2.3	3.1	2.5	3.3	3.4	0.7	1.5	0.9	1.6	1.8
3H	2.5	3.3	2.8	3.5	3.7	0.7	1.5	0.9	1.6	1.8
4H	2.8	3.5	3.0	3.7	3.9	0.7	1.5	1.0	1.7	1.9
6H	3.3	3.9	3.6	4.2	4.4	0.8	1.5	1.1	1.7	2.0
8H	3.7	4.3	4.0	4.6	4.8	0.9	1.5	1.2	1.8	2.0
12H	4.2	4.9	4.6	5.1	5.4	1.0	1.6	1.3	1.9	2.1
4H 2H	2.1	2.9	2.4	3.1	3.3	0.6	1.3	0.9	1.5	1.7
3H	2.4	3.0	2.7	3.3	3.5	0.9	1.5	1.2	1.8	2.1
4H	2.7	3.3	3.0	3.6	3.9	1.2	1.7	1.5	2.0	2.3
6H	3.3	3.8	3.7	4.2	4.5	1.5	2.0	1.8	2.3	2.7
8H	3.9	4.4	4.3	4.7	5.1	1.7	2.1	2.1	2.5	2.9
12H	4.7	5.2	5.1	5.5	5.9	1.9	2.4	2.4	2.7	3.1
8H 4H	2.7	3.2	3.1	3.5	3.9	1.3	1.8	1.7	2.1	2.5
6H	3.4	3.8	3.8	4.2	4.6	2.1	2.5	2.5	2.9	3.3
8H	4.1	4.4	4.5	4.8	5.3	2.6	3.0	3.1	3.4	3.8
12H	5.1	5.4	5.5	5.8	6.3	3.2	3.5	3.7	4.0	4.4
12H 4H	2.7	3.2	3.1	3.5	3.9	1.3	1.7	1.7	2.1	2.5
6H	3.5	3.8	3.9	4.2	4.7	2.2	2.5	2.6	2.9	3.4
8H	4.2	4.5	4.6	4.9	5.4	2.9	3.2	3.4	3.7	4.1

Variations with the observer position at spacings:

S = 1.0H	+ 1.9 / - 1.6	+ 1.2 / - 1.4
1.5H	+ 3.4 / - 2.3	+ 2.2 / - 1.7
2.0H	+ 3.7 / - 1.3	+ 1.3 / - 1.0

CIE Pub.117 Corrected 491.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.5)

Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 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	88	81	78	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	108	105	102	105	103	100	95
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

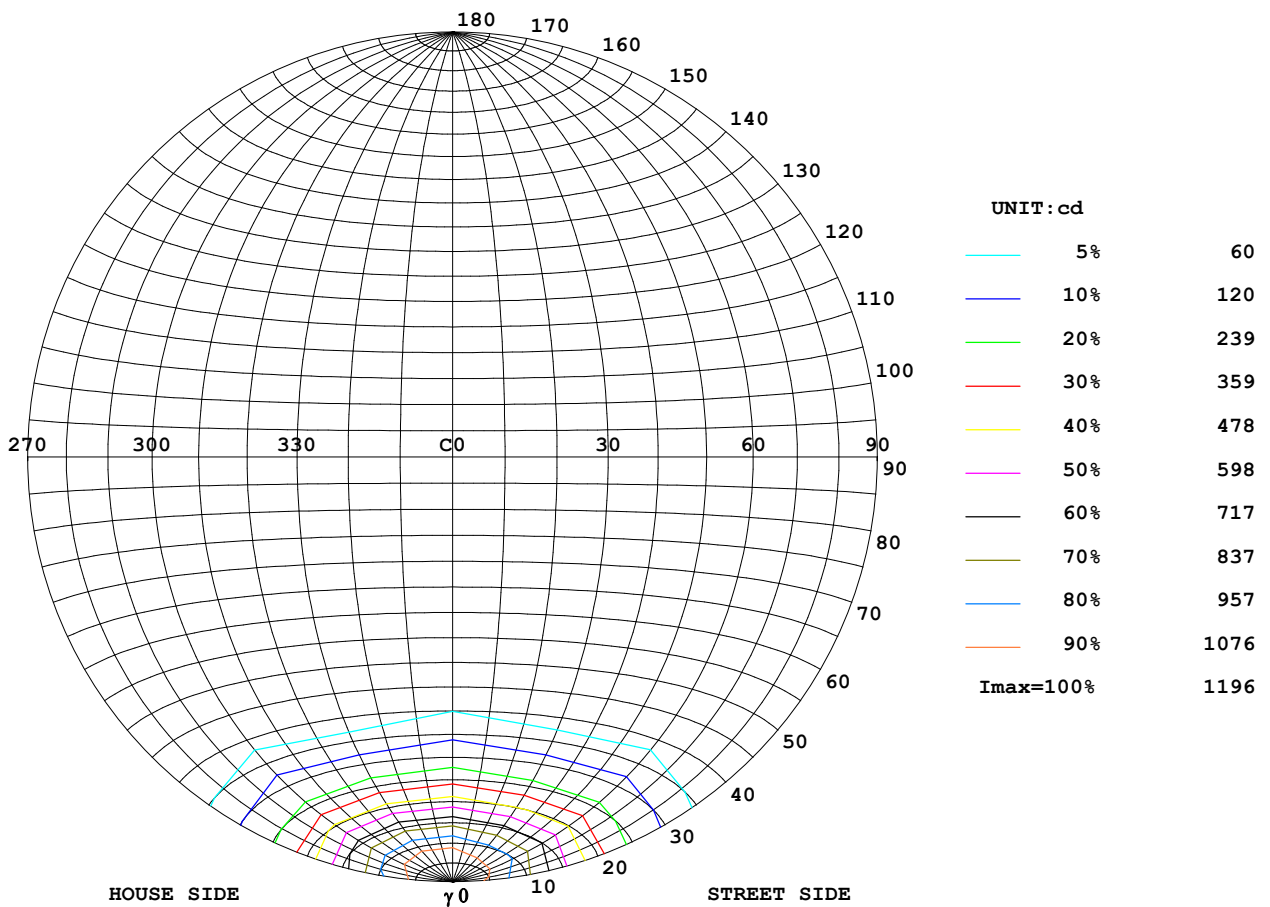
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

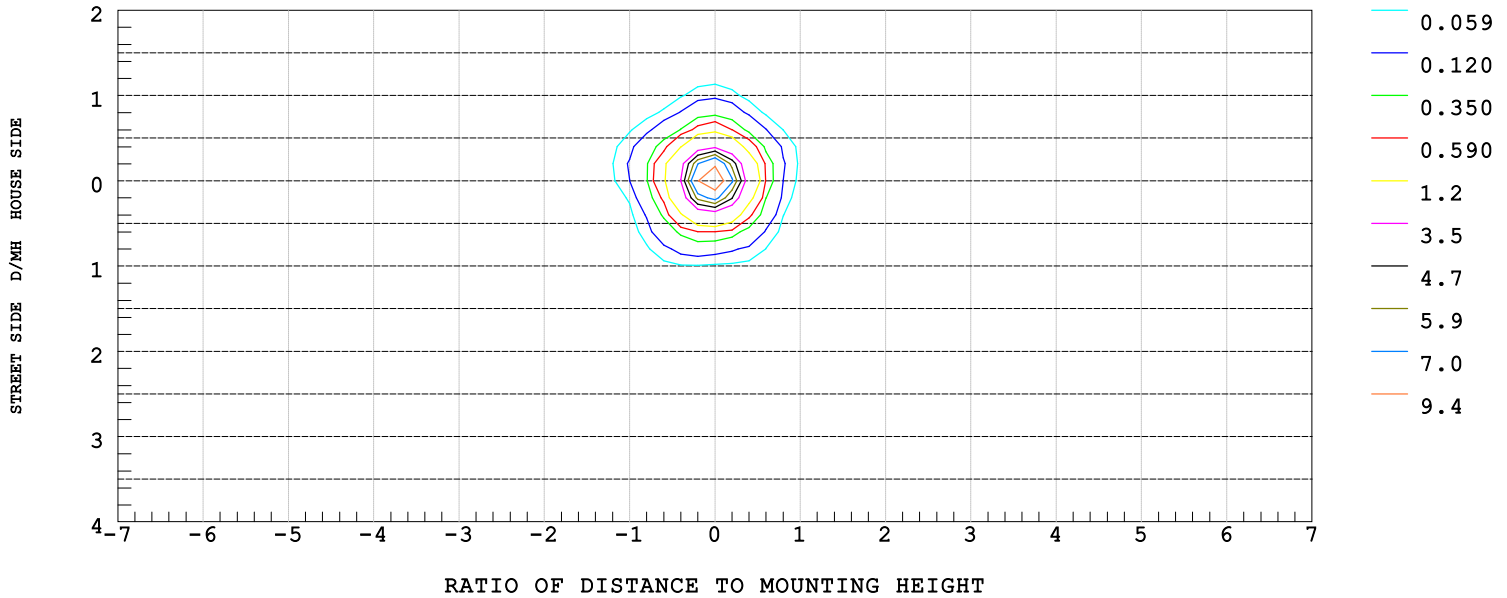
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 11.72 lx



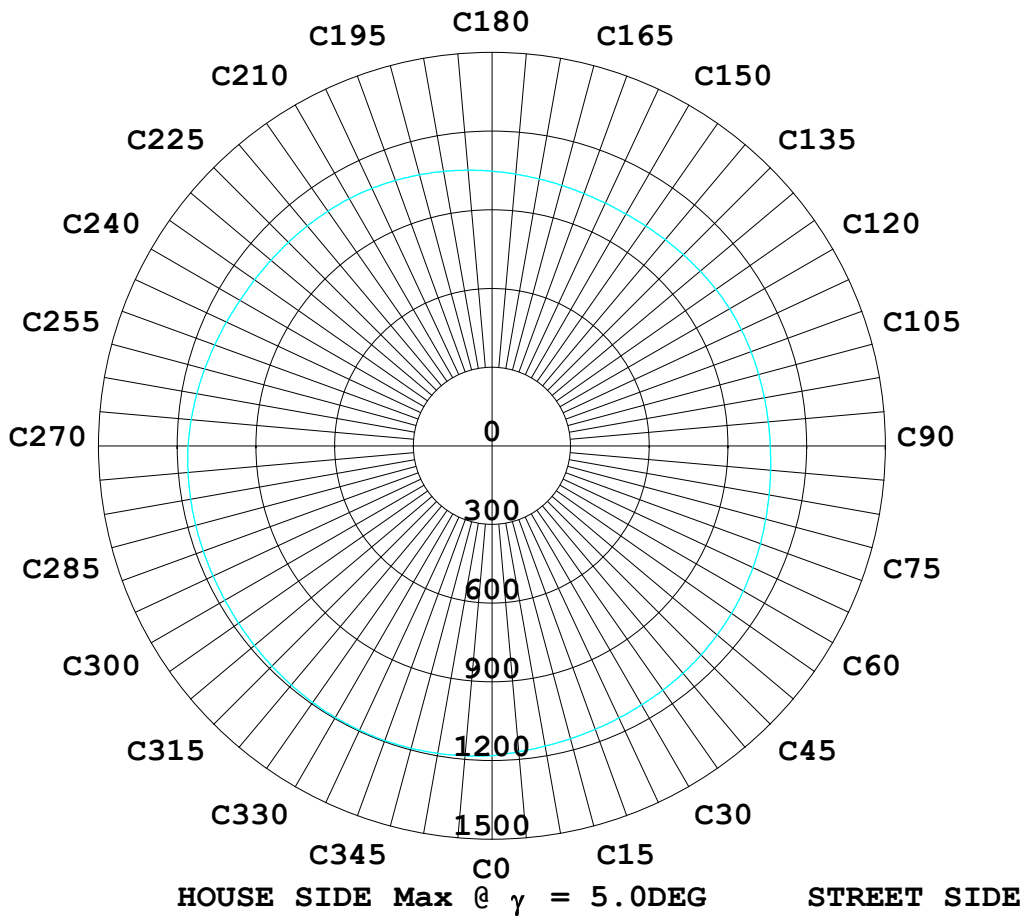
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan301019		
NAME: MONOCULARS HB	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1172	1173	1168	1166	1167	1157	1172	1173	1168	1166	1167	1157
5.0	1181	1140	1107	1061	1047	1021	1048	1089	1110	1159	1176	1196
10.0	1045	982	948	864	849	801	840	893	932	1008	1047	1089
15.0	797	747	717	628	605	557	587	645	672	761	797	857
20.0	527	480	471	393	374	325	392	399	415	493	517	570
25.0	317	273	265	208	207	172	192	223	227	265	295	338
30.0	178	148	149	105	104	83.3	94.8	119	116	156	152	188
35.0	101	78.3	79.9	52.7	52.4	40.1	43.5	60.6	56.0	82.1	74.2	103
40.0	58.7	40.6	45.6	27.1	29.3	19.8	20.9	31.0	27.8	44.0	37.1	56.8
45.0	33.7	20.5	26.2	13.9	17.5	9.29	10.9	17.5	13.7	26.3	18.8	32.3
50.0	19.4	9.65	14.5	6.13	10.5	4.06	6.58	11.1	6.67	16.0	9.56	18.5
55.0	12.4	4.69	8.84	2.97	6.94	1.80	3.88	7.58	3.06	10.1	4.87	11.1
60.0	8.21	2.34	6.13	1.53	5.23	1.17	2.79	5.59	1.71	7.22	2.52	7.31
65.0	6.13	1.53	4.78	1.08	4.24	0.81	2.43	4.60	1.17	5.41	1.53	5.50
70.0	4.87	1.08	3.97	0.81	3.70	0.72	2.34	3.97	0.90	4.15	0.81	4.24
75.0	4.24	1.08	3.42	0.72	3.15	0.72	2.34	3.33	0.72	3.42	0.63	3.42
80.0	3.70	1.08	3.06	0.81	2.88	0.72	2.43	3.06	0.81	2.97	0.63	3.06
85.0	3.42	1.26	2.88	0.90	2.70	0.81	2.61	2.70	0.81	2.70	0.72	2.79
90.0	3.06	1.53	2.52	1.17	2.43	1.17	3.42	2.43	1.08	2.34	0.90	2.52

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K