

LUMINAIRE PHOTOMETRIC TEST REPORT

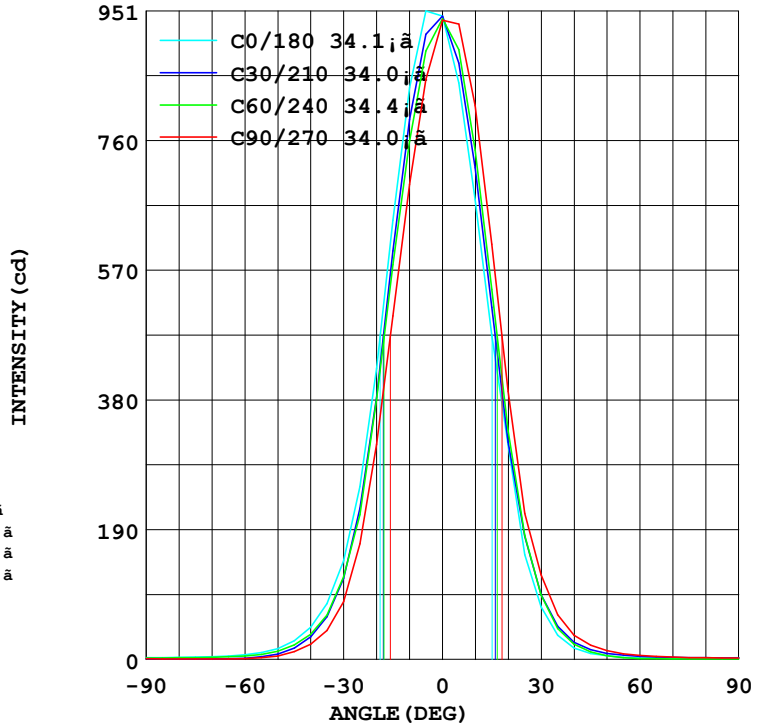
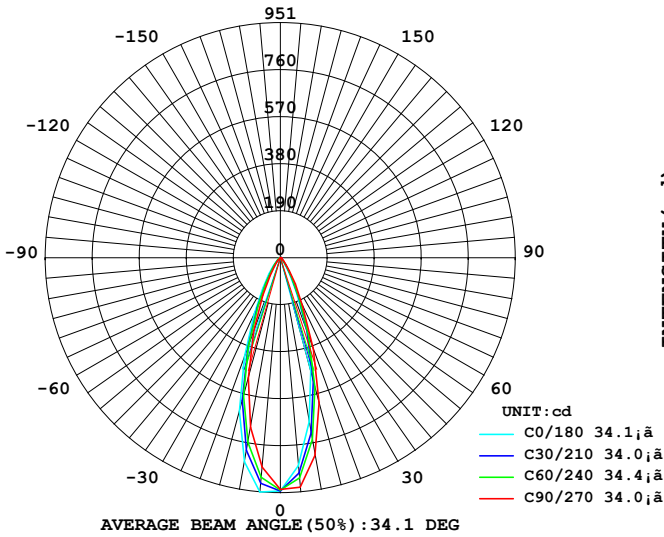
Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	962.5	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)	395.26	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	77.5	Current (A)	0.025
NOMINAL FLUX (lm)	395.3	η up (%)	0.0	Power (W)	5.100
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.970
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	337.8	EEL	0.156

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: 8.500 m
 Remarks: 3000K

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: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

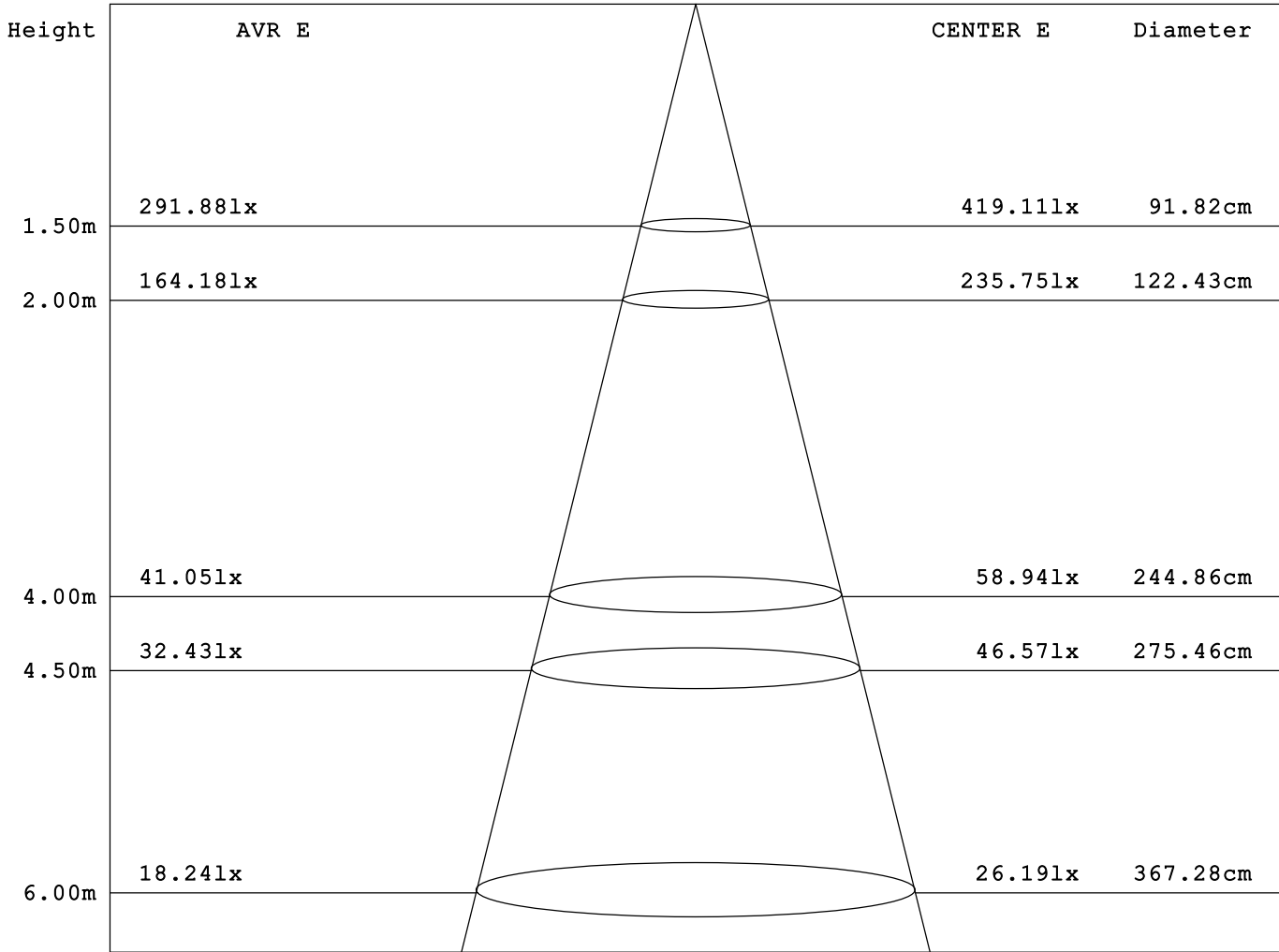
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.500 m
Remarks: 3000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K 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: 8.500 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K 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	837.8	775.3	695.9	663.1	673.7	733.4	811.6	857.6	0- 10	80.92	80.92
20.0	426.2	382.8	315.1	282.2	314.5	326.6	392.6	435.2	10- 20	153.8	234.8
30.0	144.5	120.0	84.46	75.68	77.01	94.57	123.8	136.2	20- 30	97.40	332.2
40.0	47.03	34.89	22.18	19.86	16.61	23.69	35.61	37.82	30- 40	38.02	370.2
50.0	15.67	9.789	4.840	5.888	5.274	7.188	12.86	11.27	40- 50	13.53	383.7
60.0	6.574	3.359	1.300	2.528	2.239	2.890	5.707	3.937	50- 60	5.084	388.8
70.0	3.901	2.023	0.578	1.697	1.878	1.950	3.395	2.023	60- 70	2.660	391.5
80.0	2.962	1.697	0.578	1.481	1.878	1.517	2.384	1.517	70- 80	1.957	393.4
90.0	2.456	1.661	0.939	1.445	2.673	1.445	1.950	1.336	80- 90	1.783	395.2
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:8.500 m
 Remarks: 3000K

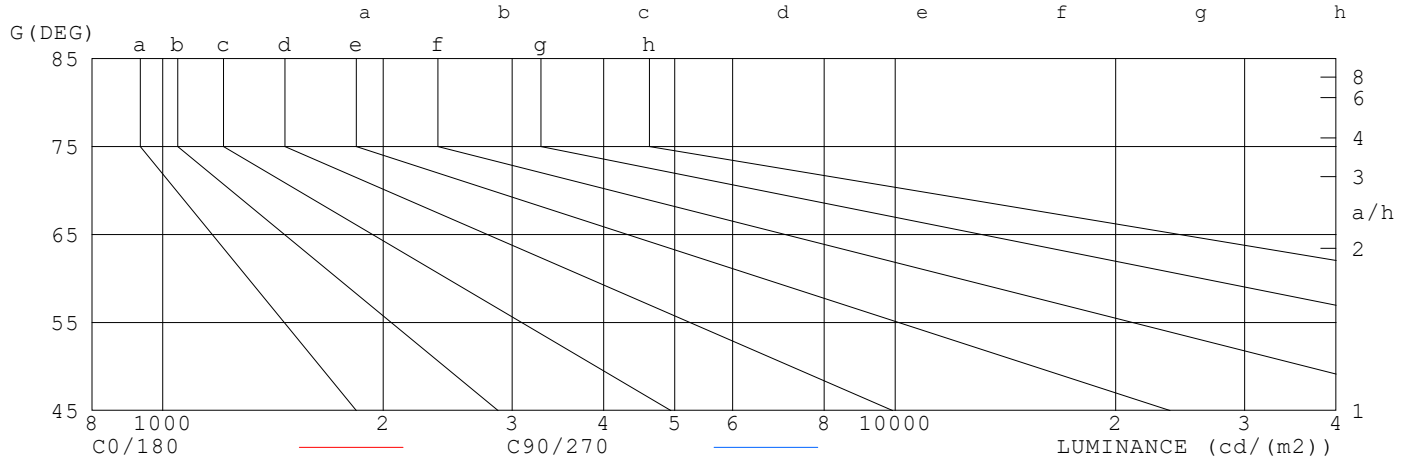
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K 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	315	75
80	171	33
75	128	22
70	114	17
65	118	19
60	131	26
55	174	42
50	244	75
45	386	159

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

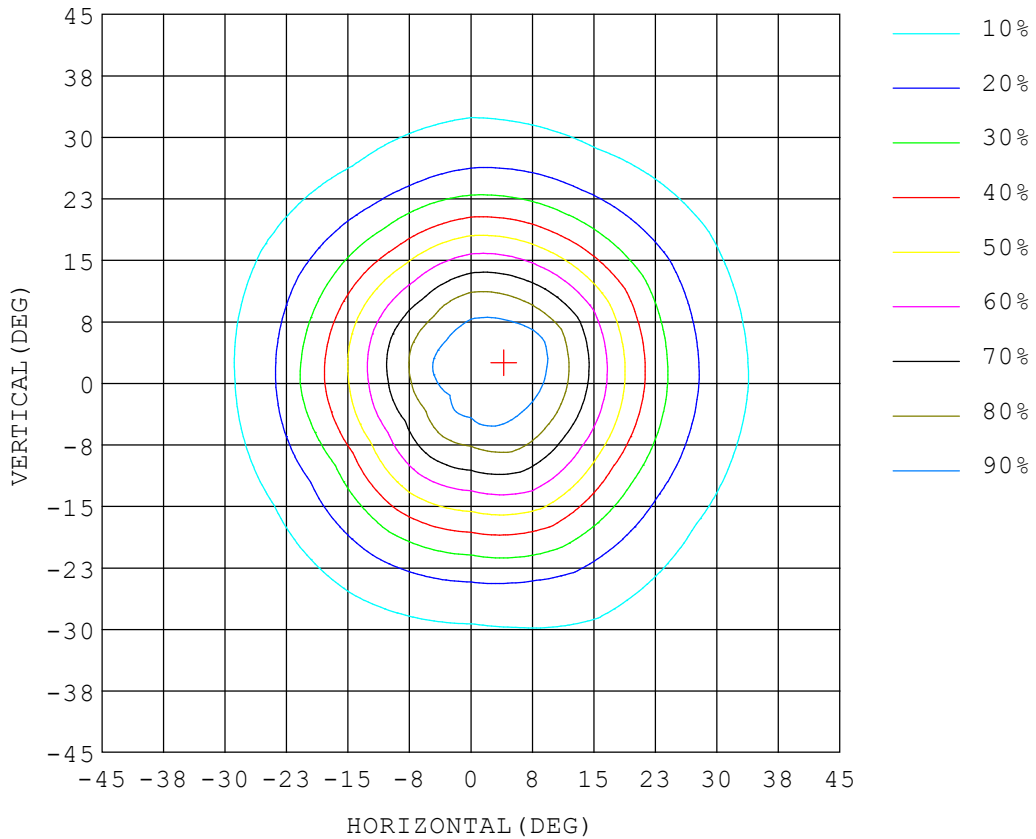
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

UNIT: cd



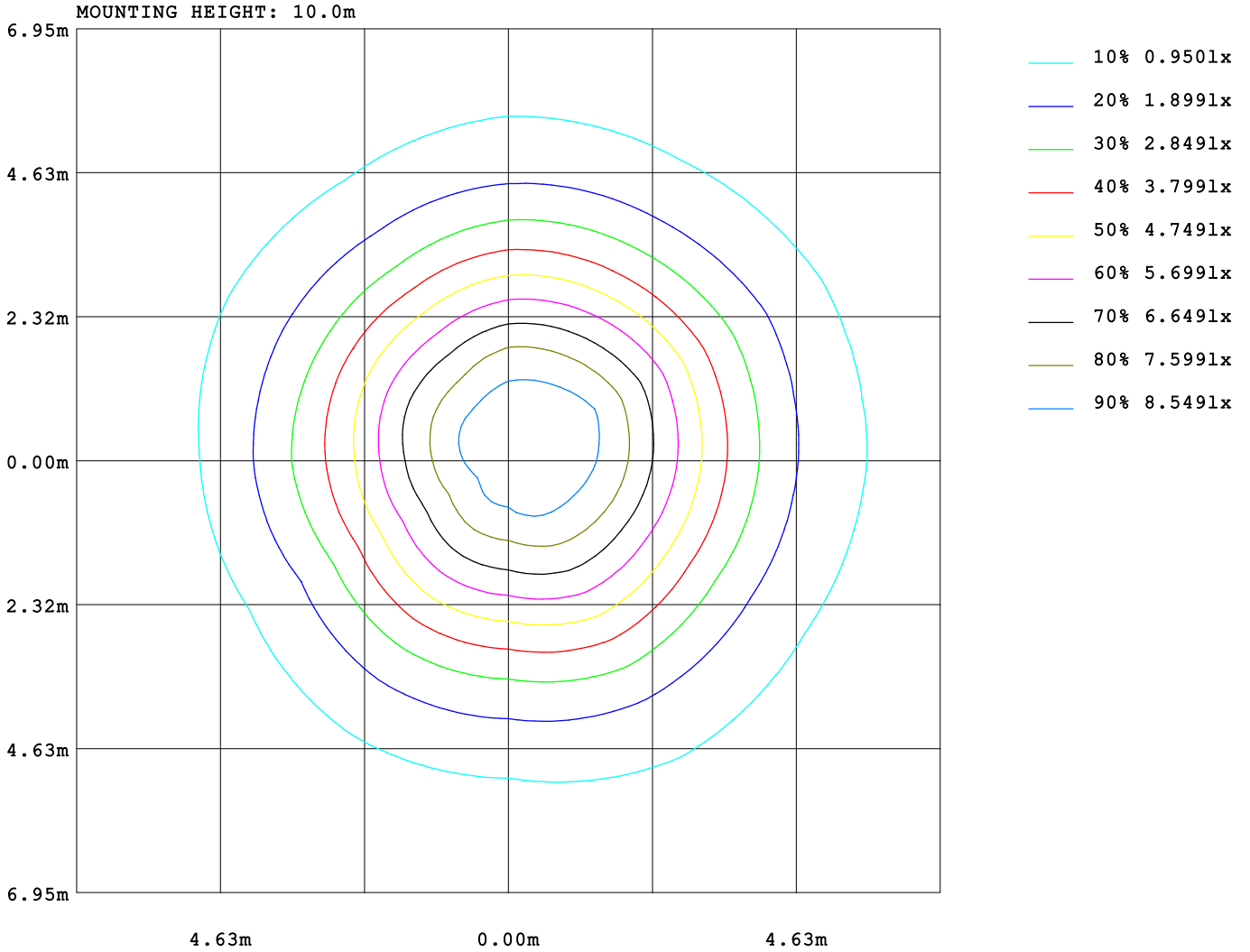
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K 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: 8.500 m
 Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-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	0.03	0.04	0.05	0.06	0.09	0.13	0.17	0.20	0.21	0.19	0.15	0.12	0.09	0.08	0.06	0.05	0.04	1.78	0.00		
40	0.03	0.04	0.06	0.08	0.11	0.16	0.23	0.30	0.36	0.37	0.33	0.28	0.21	0.16	0.13	0.10	0.07	0.05	3.10	0.00		
35	0.04	0.06	0.09	0.14	0.20	0.29	0.42	0.57	0.68	0.71	0.63	0.51	0.38	0.29	0.22	0.15	0.11	0.07	5.57	0.94		
30	0.05	0.09	0.14	0.22	0.35	0.53	0.76	1.02	1.22	1.27	1.17	0.95	0.71	0.51	0.35	0.24	0.15	0.10	9.85	6.59		
25	0.06	0.11	0.20	0.34	0.58	0.91	1.31	1.79	2.18	2.29	2.08	1.68	1.25	0.85	0.55	0.35	0.21	0.12	16.8	14.4		
20	0.07	0.13	0.26	0.50	0.88	1.43	2.15	2.94	3.60	3.79	3.44	2.77	2.00	1.31	0.80	0.46	0.26	0.15	26.9	25.0		
15	0.07	0.15	0.32	0.64	1.20	2.04	3.13	4.22	5.11	5.39	4.96	4.03	2.88	1.82	1.04	0.58	0.32	0.17	38.1	36.3		
10	0.08	0.16	0.36	0.75	1.47	2.58	3.95	5.29	6.27	6.63	6.23	5.13	3.57	2.20	1.24	0.67	0.36	0.20	47.1	45.6		
5	0.07	0.16	0.37	0.79	1.63	2.85	4.29	5.77	6.81	7.18	6.77	5.52	3.88	2.38	1.33	0.72	0.39	0.21	51.1	49.7		
0	0.07	0.15	0.35	0.75	1.56	2.73	4.09	5.47	6.51	6.92	6.46	5.28	3.73	2.30	1.29	0.70	0.38	0.20	48.9	47.5		
-5	0.07	0.14	0.31	0.65	1.28	2.25	3.47	4.78	5.69	6.00	5.63	4.55	3.18	1.97	1.12	0.61	0.33	0.18	42.2	40.6		
-10	0.06	0.12	0.24	0.50	0.95	1.69	2.73	3.78	4.42	4.66	4.44	3.56	2.45	1.51	0.88	0.49	0.27	0.15	32.9	31.1		
-15	0.05	0.09	0.18	0.35	0.68	1.20	1.91	2.59	3.02	3.19	3.06	2.48	1.71	1.08	0.64	0.37	0.21	0.12	22.9	21.0		
-20	0.03	0.07	0.13	0.25	0.45	0.77	1.17	1.54	1.79	1.89	1.81	1.52	1.11	0.74	0.45	0.26	0.15	0.09	14.2	12.0		
-25	0.02	0.05	0.10	0.17	0.29	0.46	0.66	0.83	0.95	1.00	0.99	0.89	0.70	0.47	0.31	0.19	0.10	0.06	8.23	4.88		
-30	0.02	0.04	0.07	0.12	0.18	0.27	0.36	0.43	0.48	0.51	0.53	0.49	0.41	0.30	0.20	0.13	0.07	0.04	4.63	0.00		
-35	0.01	0.03	0.05	0.08	0.12	0.16	0.20	0.23	0.24	0.26	0.28	0.27	0.24	0.19	0.13	0.09	0.05	0.03	2.65	0.00		
-40	0.01	0.02	0.03	0.06	0.08	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.14	0.12	0.08	0.06	0.04	0.02	1.56	0.00		
-45																						
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45			
Φ t	0.85	1.64	3.29	6.43	12.1	20.5	31.1	41.9	49.7	52.4	49.2	40.2	28.7	18.3	10.8	6.22	3.52	1.98	395			
Φ a	0.00	0.00	0.00	2.61	9.40	18.2	28.9	39.9	47.7	50.5	47.3	38.3	26.6	16.0	8.06	2.26	0.00	0.00		338		

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

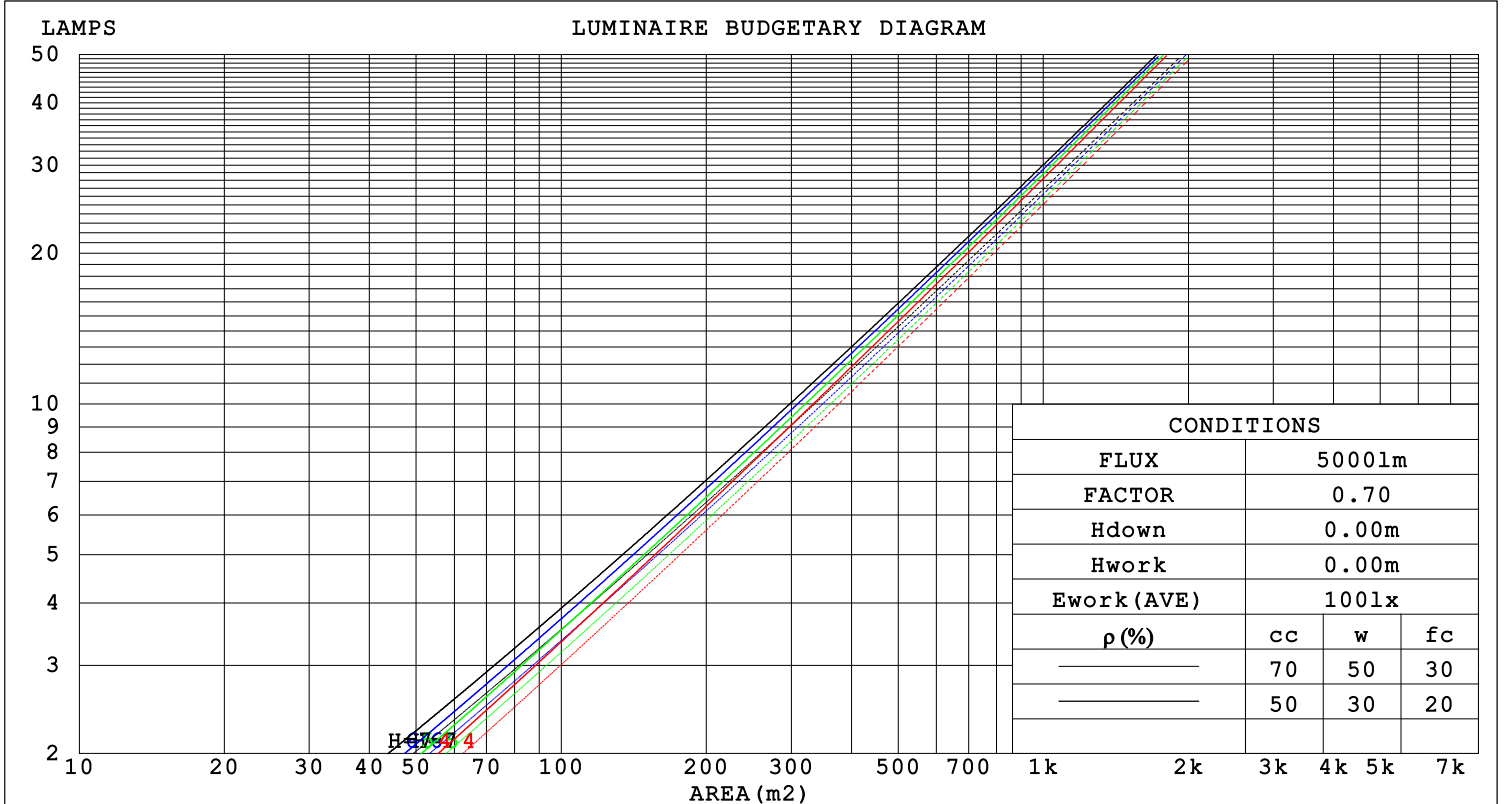
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

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: 3000K 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:8.500 m
 Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019														
NAME: MONOCULARS HB					TYPE: 3000K 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	.072	.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	.118	.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: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K 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	1.6	2.4	1.8	2.5	2.7	-0.1	0.7	0.1	0.9	1.1
3H	1.8	2.5	2.0	2.7	2.9	-0.1	0.7	0.2	0.9	1.1
4H	2.0	2.7	2.3	3.0	3.2	-0.0	0.7	0.3	0.9	1.1
6H	2.5	3.2	2.8	3.4	3.7	0.0	0.7	0.3	1.0	1.2
8H	2.9	3.6	3.2	3.8	4.1	0.1	0.7	0.4	1.0	1.2
12H	3.5	4.1	3.8	4.4	4.6	0.2	0.8	0.5	1.1	1.3
4H 2H	1.4	2.1	1.7	2.4	2.6	-0.1	0.6	0.1	0.8	1.0
3H	1.6	2.3	2.0	2.5	2.8	0.1	0.8	0.5	1.0	1.3
4H	1.9	2.5	2.3	2.8	3.1	0.4	1.0	0.8	1.3	1.6
6H	2.6	3.1	2.9	3.4	3.8	0.7	1.2	1.1	1.6	1.9
8H	3.1	3.6	3.5	3.9	4.3	0.9	1.3	1.2	1.7	2.0
12H	3.9	4.4	4.3	4.7	5.1	1.1	1.5	1.5	1.9	2.3
8H 4H	1.9	2.4	2.3	2.8	3.1	0.6	1.0	0.9	1.4	1.7
6H	2.6	3.0	3.0	3.4	3.8	1.3	1.7	1.7	2.1	2.5
8H	3.3	3.6	3.7	4.0	4.5	1.8	2.1	2.2	2.5	3.0
12H	4.3	4.6	4.7	5.0	5.5	2.3	2.6	2.8	3.0	3.5
12H 4H	2.0	2.4	2.4	2.8	3.2	0.5	1.0	0.9	1.3	1.7
6H	2.7	3.0	3.1	3.5	3.9	1.4	1.7	1.8	2.1	2.6
8H	3.3	3.6	3.8	4.1	4.5	2.0	2.3	2.5	2.8	3.2

Variations with the observer position at spacings:

S = 1.0H	+ 1.9 / - 1.7	+ 1.2 / - 1.4
1.5H	+ 3.4 / - 2.4	+ 2.3 / - 1.8
2.0H	+ 3.8 / - 1.4	+ 1.4 / - 1.1

CIE Pub.117 Corrected 395.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.2)

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: 8.500 m
 Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOOUT-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			

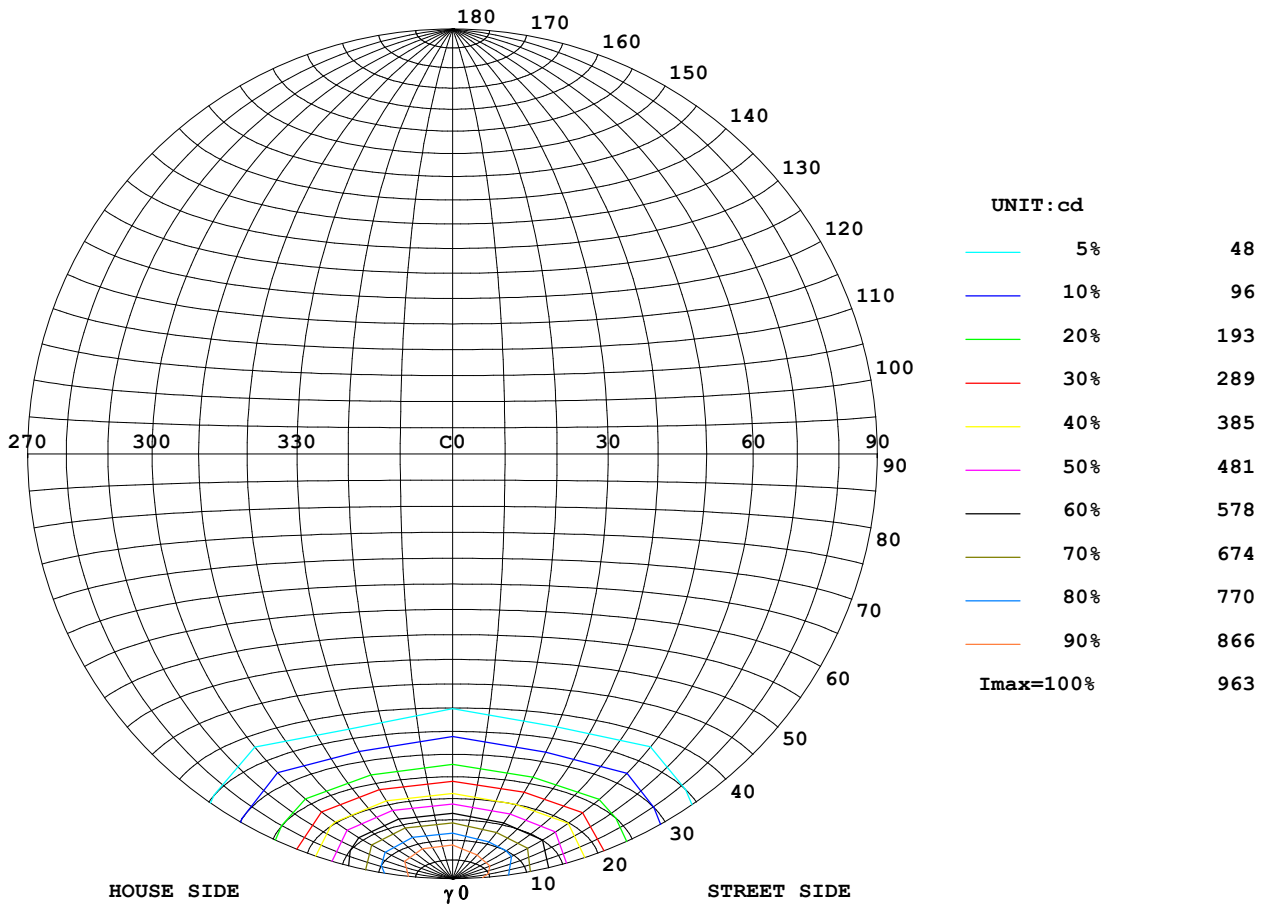
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K 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

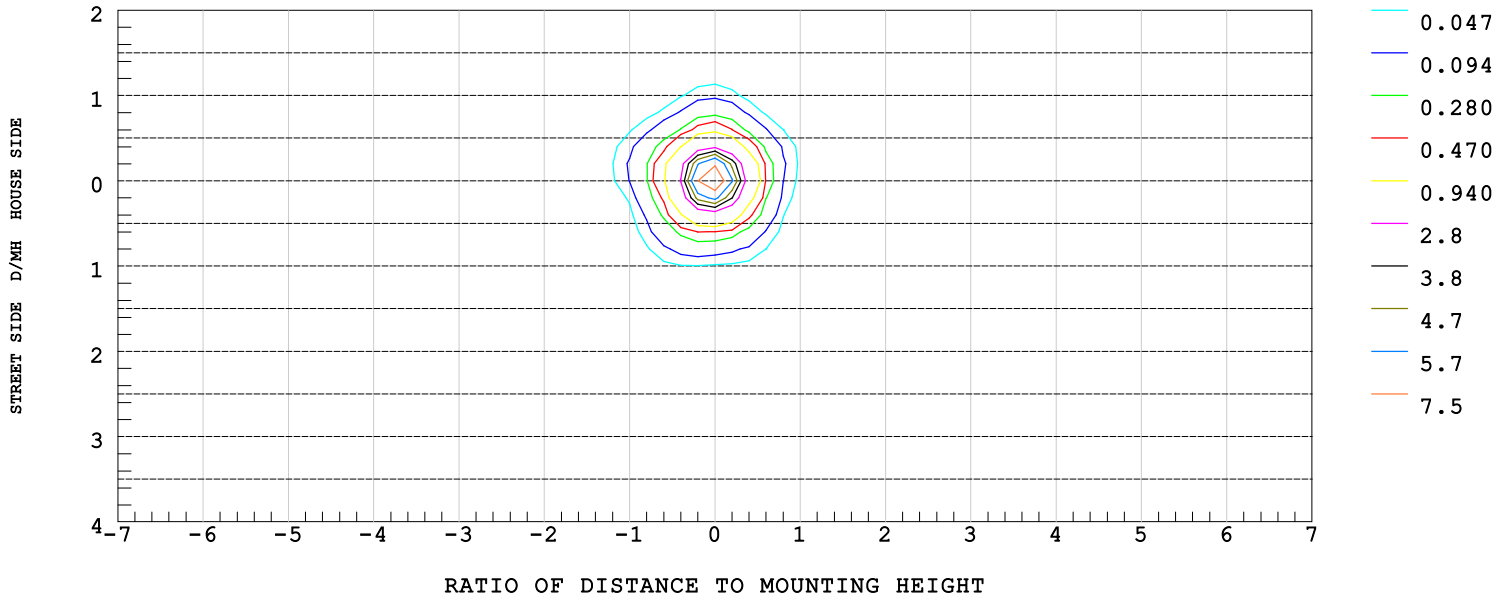
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 9.43 lx



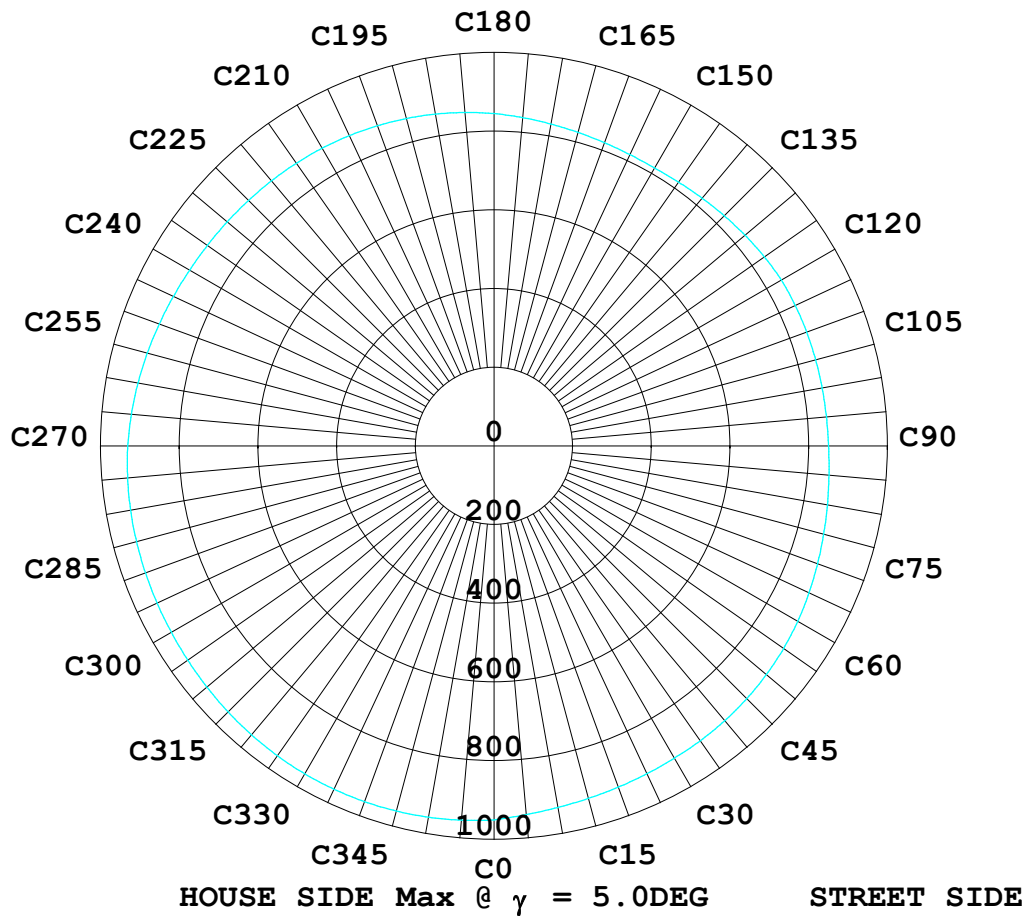
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-30-2026

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: MONOCULARS HB	TYPE: 3000K 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: 8.500 m
 Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan301019		
NAME: MONOCULARS HB	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250MA	DIMENSION: D-55 CUTOUT-62 H-93 MM	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	943	943	939	937	938	933	943	943	939	937	938	933
5.0	951	916	892	850	843	816	845	874	894	931	947	963
10.0	838	791	759	696	680	646	674	721	746	812	838	877
15.0	644	598	578	504	489	445	475	516	542	608	643	685
20.0	426	384	381	315	304	260	315	318	335	393	417	454
25.0	254	221	212	170	165	140	153	180	182	214	235	273
30.0	145	119	121	84.4	84.3	66.9	77.0	94.7	94.3	124	123	149
35.0	81.7	62.7	65.0	42.4	42.6	32.1	35.3	48.4	45.3	65.3	60.1	81.8
40.0	47.0	33.1	36.6	22.1	23.4	16.2	16.6	25.0	22.3	35.6	29.6	46.0
45.0	27.3	16.5	21.3	11.2	14.2	7.44	8.74	14.0	11.1	21.0	15.3	25.8
50.0	15.6	7.73	11.8	4.84	8.52	3.25	5.27	8.88	5.49	12.8	7.80	14.7
55.0	9.97	3.75	7.15	2.38	5.49	1.44	3.10	6.14	2.45	8.09	3.90	9.03
60.0	6.57	1.80	4.91	1.30	4.19	0.87	2.23	4.40	1.37	5.70	2.02	5.85
65.0	4.98	1.15	3.82	0.79	3.46	0.65	1.95	3.61	0.94	4.33	1.15	4.40
70.0	3.90	0.87	3.17	0.58	2.89	0.51	1.87	3.17	0.72	3.39	0.65	3.39
75.0	3.32	0.79	2.74	0.58	2.60	0.51	1.87	2.67	0.58	2.74	0.51	2.81
80.0	2.96	0.87	2.52	0.58	2.38	0.58	1.87	2.45	0.58	2.38	0.58	2.45
85.0	2.74	0.94	2.23	0.65	2.09	0.65	2.02	2.23	0.65	2.16	0.58	2.23
90.0	2.45	1.22	2.09	0.94	1.95	0.94	2.67	2.02	0.87	1.95	0.72	1.95

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:8.500 m
 Remarks: 3000K