

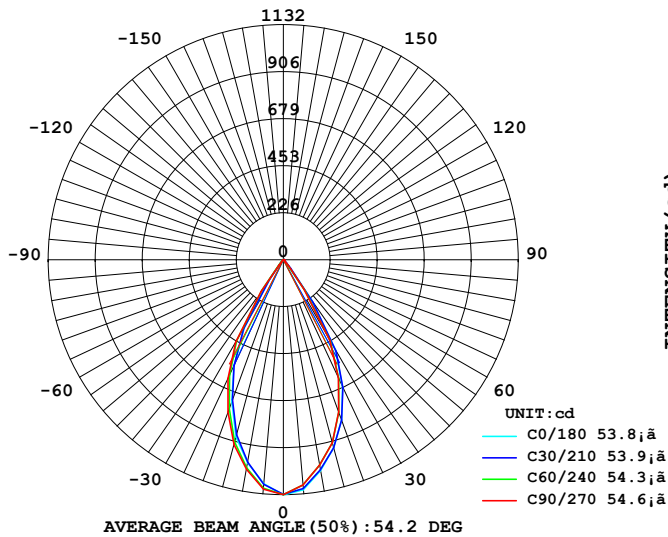
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

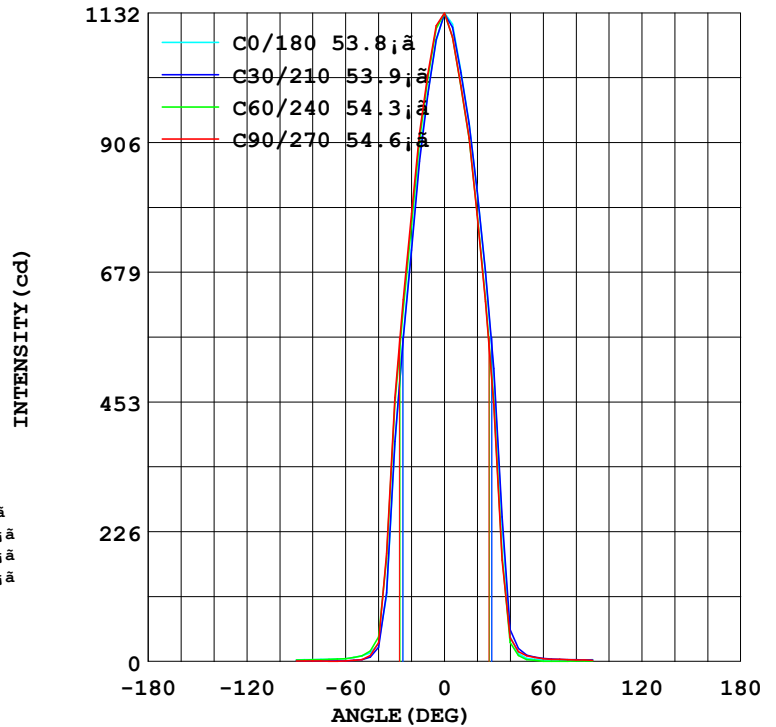
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1132	S/MH (C0/180)	0.77
MODEL	AMANDEEP	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.82
NOMINAL POWER (W)	7	TOTAL FLUX (lm)	788.73	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	103.8	Current (A)	0.034
NOMINAL FLUX (lm)	788.7	η up (%)	0.0	Power (W)	7.600
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.982
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	743.4	EEI	0.123

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-15-2025

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,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:

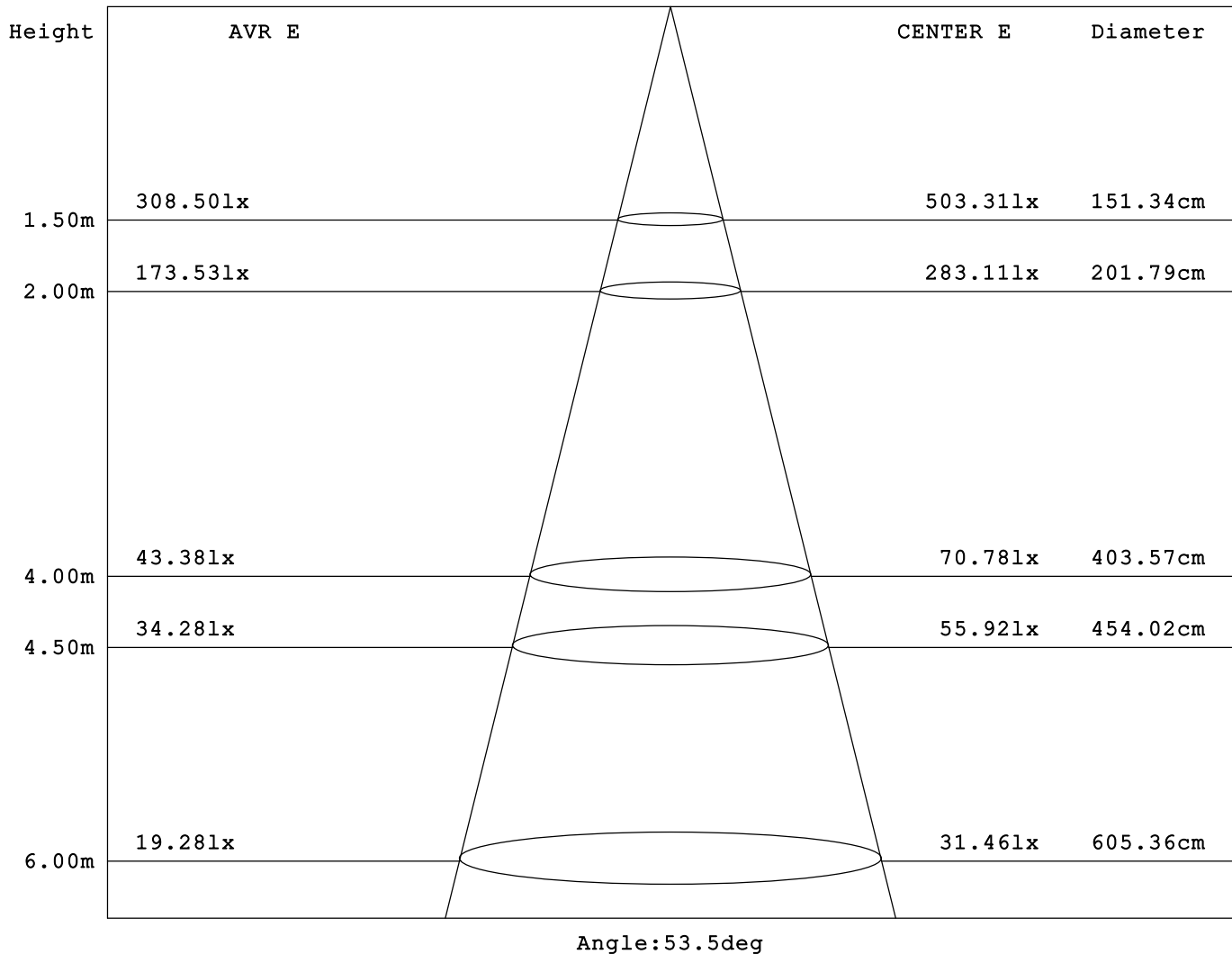
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-15-2025

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	993.7	1004	1026	1035	1032	1016	1005	991.4	0- 10	102.1	102.1
20.0	726.7	740.6	781.9	814.4	822.3	802.0	779.6	735.3	10- 20	253.1	355.3
30.0	378.2	417.5	460.5	499.1	502.5	483.0	447.8	353.9	20- 30	281.6	636.9
40.0	30.85	33.77	32.65	41.21	43.49	44.57	41.54	25.28	30- 40	126.1	763.0
50.0	9.537	6.321	3.179	7.333	5.129	7.116	9.826	5.563	40- 50	13.43	776.5
60.0	4.913	2.817	0.578	7.152	2.312	2.781	4.768	2.601	50- 60	4.423	780.9
70.0	3.757	2.131	0.506	5.346	2.312	2.059	3.468	1.914	60- 70	3.251	784.1
80.0	3.106	1.806	0.650	2.673	2.167	1.770	2.745	1.625	70- 80	2.485	786.6
90.0	2.528	1.842	1.083	1.914	2.962	1.589	2.167	1.481	80- 90	2.072	788.7
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:09-15-2025

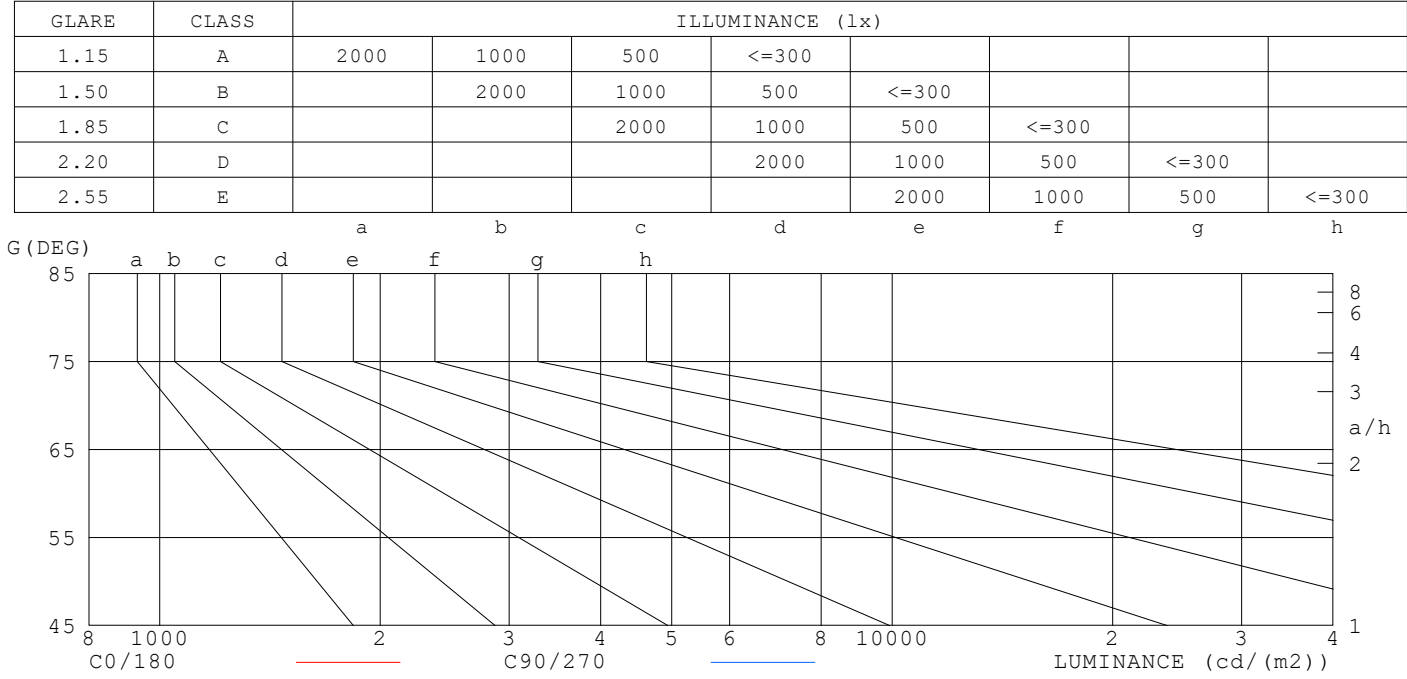
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	332	83
80	179	37
75	131	25
70	110	15
65	99	12
60	98	12
55	123	30
50	148	49
45	209	146

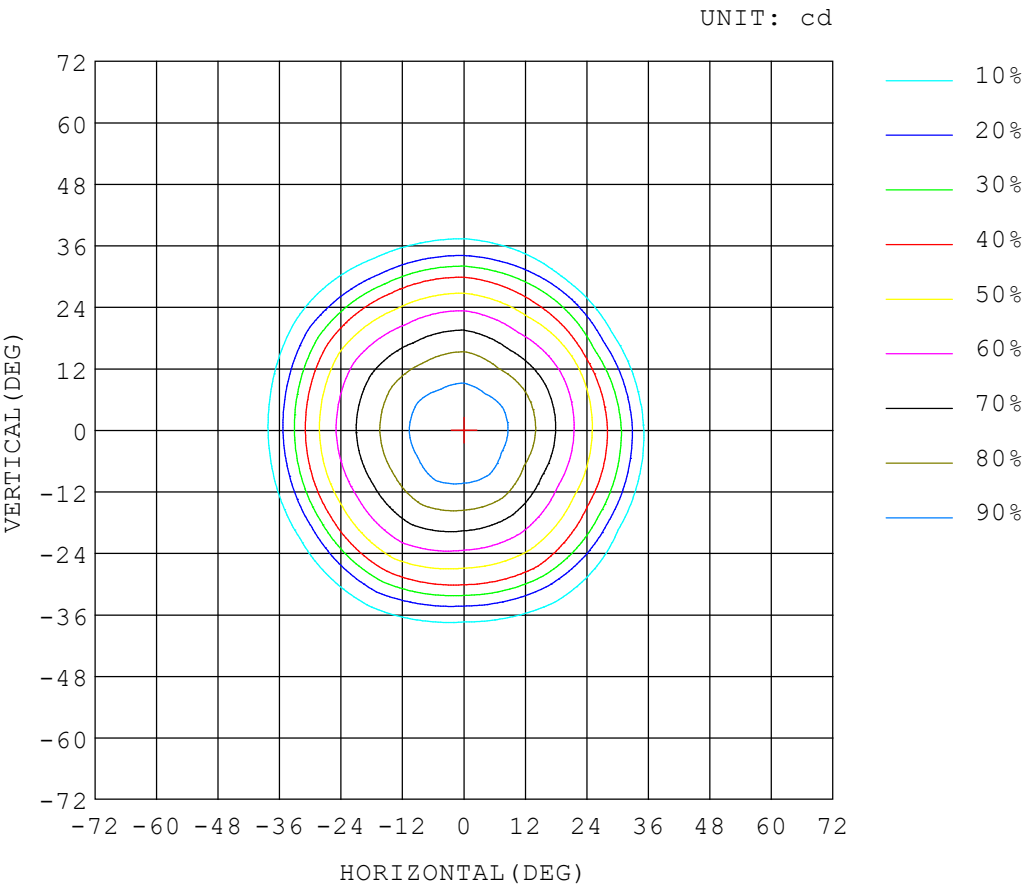
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

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,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:



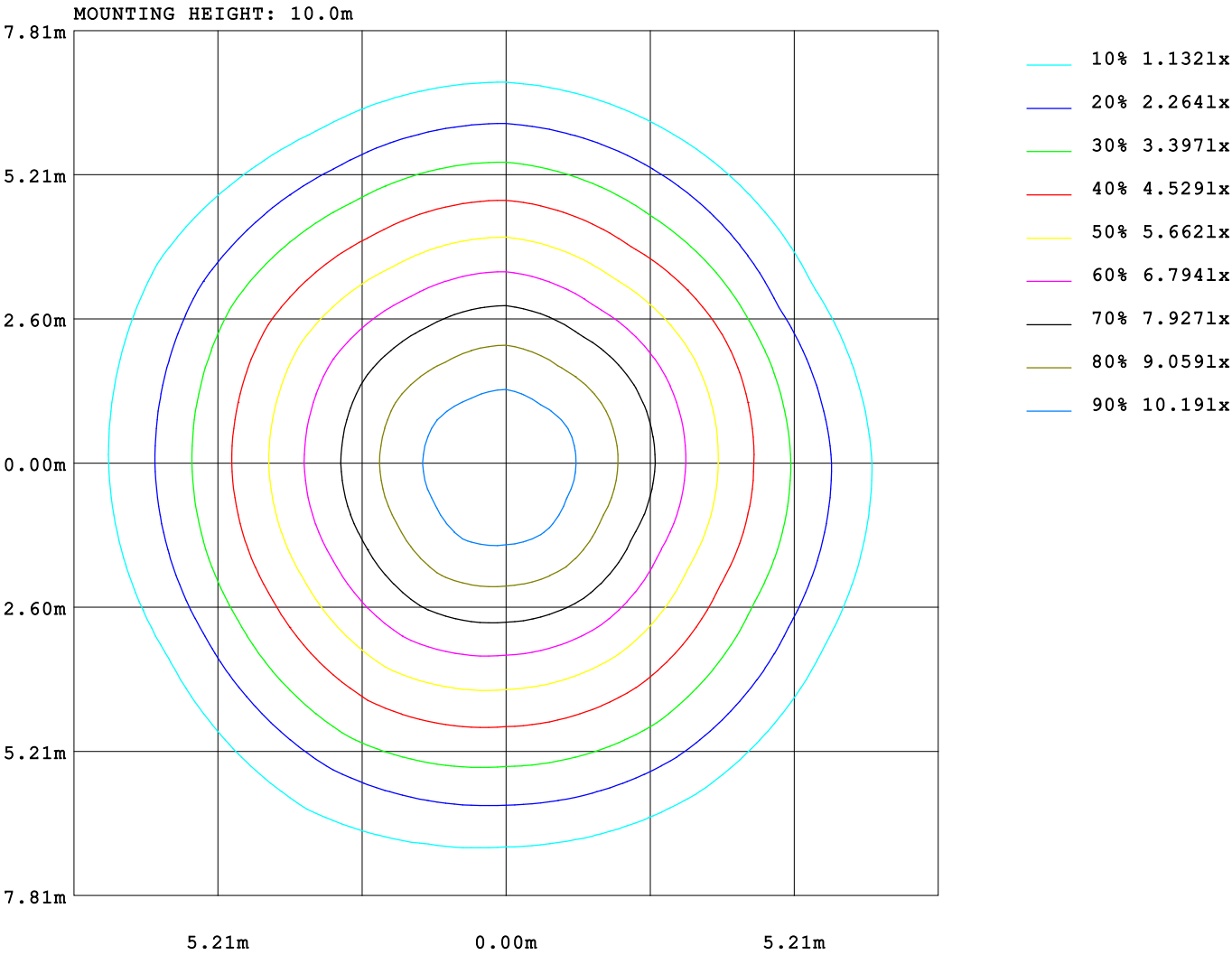
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

Test Set: 5.0deg/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,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

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, 301019

NAME: AMANDEEP

TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: D-83 CUTOUT-67 H-53 MM

SERIAL No.:

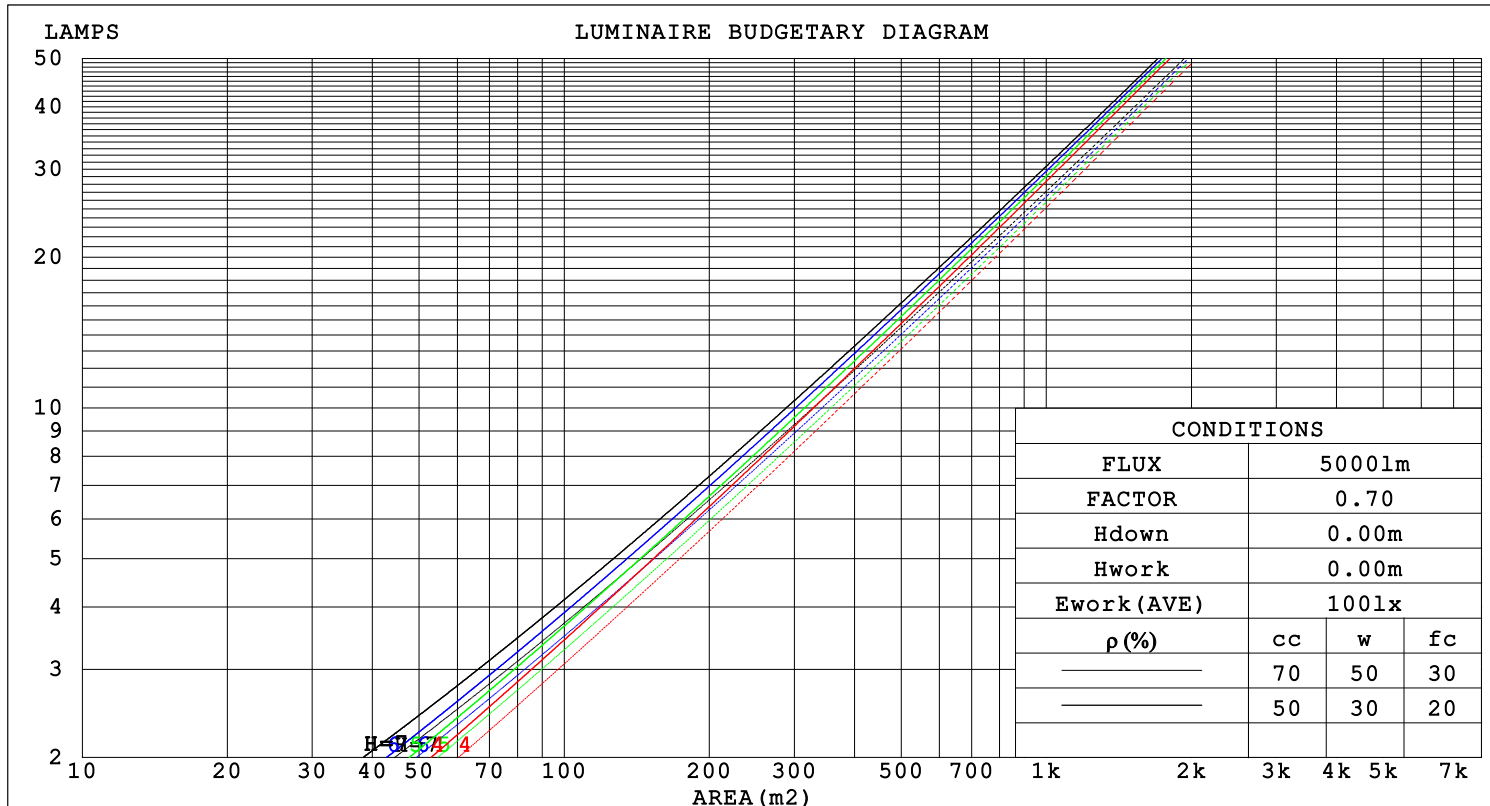
72	AREA FLUX DIAGRAM																UNIT:lm				Φ t	Φ a
	0.02	0.03	0.03	0.03	0.02	0.01	0.02	0.04	0.06	0.06	0.04	0.03	0.01	0.02	0.03	0.03	0.03	0.02	0.53	0.00		
64	0.02	0.03	0.04	0.03	0.03	0.01	0.03	0.06	0.09	0.09	0.06	0.03	0.01	0.02	0.03	0.03	0.03	0.02	0.65	0.00		
56	0.02	0.03	0.04	0.05	0.04	0.04	0.05	0.10	0.15	0.15	0.10	0.05	0.03	0.04	0.04	0.04	0.03	0.02	1.04	0.00		
48	0.02	0.03	0.05	0.07	0.08	0.10	0.15	0.29	0.42	0.41	0.26	0.12	0.08	0.07	0.06	0.05	0.03	0.02	2.31	0.00		
40	0.02	0.03	0.06	0.11	0.18	0.35	0.91	2.06	3.02	2.82	1.63	0.61	0.22	0.12	0.08	0.06	0.04	0.02	12.3	7.22		
32	0.02	0.03	0.07	0.15	0.43	1.75	4.85	8.01	9.77	9.42	6.99	3.25	0.79	0.25	0.12	0.07	0.04	0.03	46.0	42.8		
24	0.02	0.03	0.07	0.21	1.14	5.23	10.0	13.0	14.8	14.4	12.0	7.99	2.54	0.48	0.16	0.08	0.04	0.03	82.4	80.0		
VERTICAL (DEG)	0.02	0.03	0.07	0.29	2.32	8.22	13.2	16.6	18.4	18.1	15.6	11.5	5.50	0.99	0.22	0.09	0.05	0.03	112	110		
	0.02	0.03	0.06	0.32	3.17	9.59	14.7	18.6	20.9	20.5	17.7	13.0	7.41	1.67	0.26	0.10	0.05	0.03	128	127		
	0.02	0.03	0.06	0.29	3.07	9.50	14.6	18.5	21.1	20.7	17.6	12.9	7.53	1.77	0.25	0.10	0.05	0.03	129	127		
	0.02	0.04	0.05	0.20	2.05	7.91	13.0	16.8	19.0	18.6	15.7	11.3	6.07	1.18	0.19	0.08	0.04	0.02	113	111		
	0.03	0.05	0.05	0.11	0.81	4.84	10.2	13.7	15.1	14.7	12.5	8.71	3.38	0.54	0.11	0.06	0.03	0.02	85.1	83.2		
	0.03	0.06	0.06	0.07	0.22	1.64	5.43	8.86	10.1	9.84	7.94	4.25	1.14	0.19	0.06	0.04	0.02	0.02	50.0	47.6		
	0.03	0.07	0.09	0.07	0.12	0.37	1.24	2.54	3.29	3.10	2.10	0.97	0.31	0.10	0.03	0.02	0.02	0.02	14.5	9.51		
	0.03	0.06	0.12	0.10	0.10	0.16	0.29	0.37	0.36	0.34	0.32	0.25	0.14	0.07	0.03	0.01	0.02	0.01	2.78	0.00		
	0.02	0.05	0.10	0.12	0.11	0.11	0.12	0.11	0.08	0.07	0.10	0.11	0.09	0.05	0.03	0.01	0.01	0.01	1.32	0.00		
	0.02	0.04	0.06	0.09	0.10	0.08	0.07	0.05	0.03	0.03	0.05	0.07	0.07	0.04	0.03	0.01	0.01	0.01	0.86	0.00		
0.02	0.03	0.04	0.06	0.06	0.06	0.06	0.05	0.04	0.02	0.02	0.04	0.05	0.06	0.04	0.03	0.01	0.01	0.01	0.64	0.00		
-72	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	0.38	0.71	1.13	2.35	14.0	50.0	89.1	120	137	134	111	75.4	35.4	7.67	1.75	0.89	0.55	0.38	789			
Φ a	0.00	0.00	0.00	0.00	9.97	47.3	86.8	118	135	131	109	72.6	31.8	2.67	0.00	0.00	0.00	0.00		743		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-15-2025

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

Report number:

pcc	80%			70%			50%			30%			10%			0														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{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	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94														
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88														
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83														
4.0	.92	.87	.83	.91	.86	.82	.89	.84	.81	.87	.83	.80	.85	.82	.79	.78														
5.0	.86	.81	.77	.86	.80	.77	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73														
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69														
7.0	.77	.72	.68	.77	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.67	.65														
8.0	.73	.68	.64	.73	.67	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.62														
9.0	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.67	.63	.60	.58														
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.55														



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,301019														
NAME: AMANDEEP								TYPE: 3000K CRI-90				WEIGHT:		
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-83 CUTOUT-67 H-53 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	.172	.098	.031	.165	.094	.030	.153	.088	.028	.141	.081	.026	.130	.076	.024	
2.0	.162	.089	.027	.157	.086	.027	.146	.081	.025	.137	.077	.024	.128	.072	.023	
3.0	.154	.082	.024	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021	
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.120	.065	.020	
5.0	.139	.071	.020	.135	.069	.020	.129	.067	.020	.122	.065	.019	.116	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	.113	.059	.018	
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.114	.058	.017	.109	.057	.017	
8.0	.121	.059	.017	.119	.058	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016	
9.0	.116	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015	
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.103	.051	.014	.099	.050	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.055	.033	.017	.032	.019	.010	.010	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

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,301019											
NAME: AMANDEEP					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-83 CUTOUT-67 H-53 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	0.6	1.5	0.8	1.7	1.8	3.7	4.6	4.0	4.8	4.9
	3H	0.7	1.5	0.9	1.7	1.9	3.6	4.4	3.9	4.6	4.8
	4H	0.8	1.6	1.1	1.8	2.0	3.5	4.3	3.8	4.5	4.8
	6H	1.2	1.9	1.5	2.1	2.4	3.5	4.2	3.8	4.5	4.7
	8H	1.5	2.2	1.8	2.5	2.7	3.5	4.2	3.8	4.4	4.7
	12H	2.0	2.6	2.3	2.9	3.2	3.4	4.1	3.8	4.4	4.7
4H	2H	0.4	1.2	0.7	1.4	1.6	3.5	4.3	3.8	4.5	4.7
	3H	0.5	1.2	0.8	1.4	1.7	3.4	4.1	3.7	4.4	4.6
	4H	0.7	1.3	1.0	1.6	1.9	3.4	4.0	3.8	4.3	4.6
	6H	1.2	1.7	1.5	2.0	2.4	3.4	4.0	3.8	4.3	4.7
	8H	1.6	2.1	2.0	2.4	2.8	3.4	3.9	3.8	4.3	4.7
	12H	2.3	2.7	2.7	3.1	3.5	3.5	3.9	3.9	4.3	4.7
8H	4H	0.7	1.2	1.1	1.5	1.9	3.4	3.9	3.7	4.2	4.6
	6H	1.2	1.6	1.6	2.0	2.4	3.5	3.9	3.9	4.3	4.7
	8H	1.7	2.0	2.1	2.4	2.9	3.6	4.0	4.1	4.4	4.9
	12H	2.5	2.8	3.0	3.3	3.7	3.8	4.1	4.3	4.6	5.1
12H	4H	0.7	1.1	1.1	1.5	1.9	3.3	3.8	3.7	4.1	4.5
	6H	1.2	1.6	1.7	2.0	2.4	3.5	3.9	3.9	4.3	4.7
	8H	1.7	2.0	2.2	2.5	2.9	3.7	4.0	4.2	4.5	4.9
Variations with the observer position at spacings:											
S = 1.0H		+ 1.4 / - 1.0					+ 1.5 / - 1.7				
1.5H		+ 2.7 / - 1.3					+ 3.2 / - 1.8				
2.0H		+ 2.0 / - 0.8					+ 0.7 / - 0.8				

CIE Pub.117 Corrected 788.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

Test Set: 5.0deg/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,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 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	83	80	88	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	87
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	109	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		

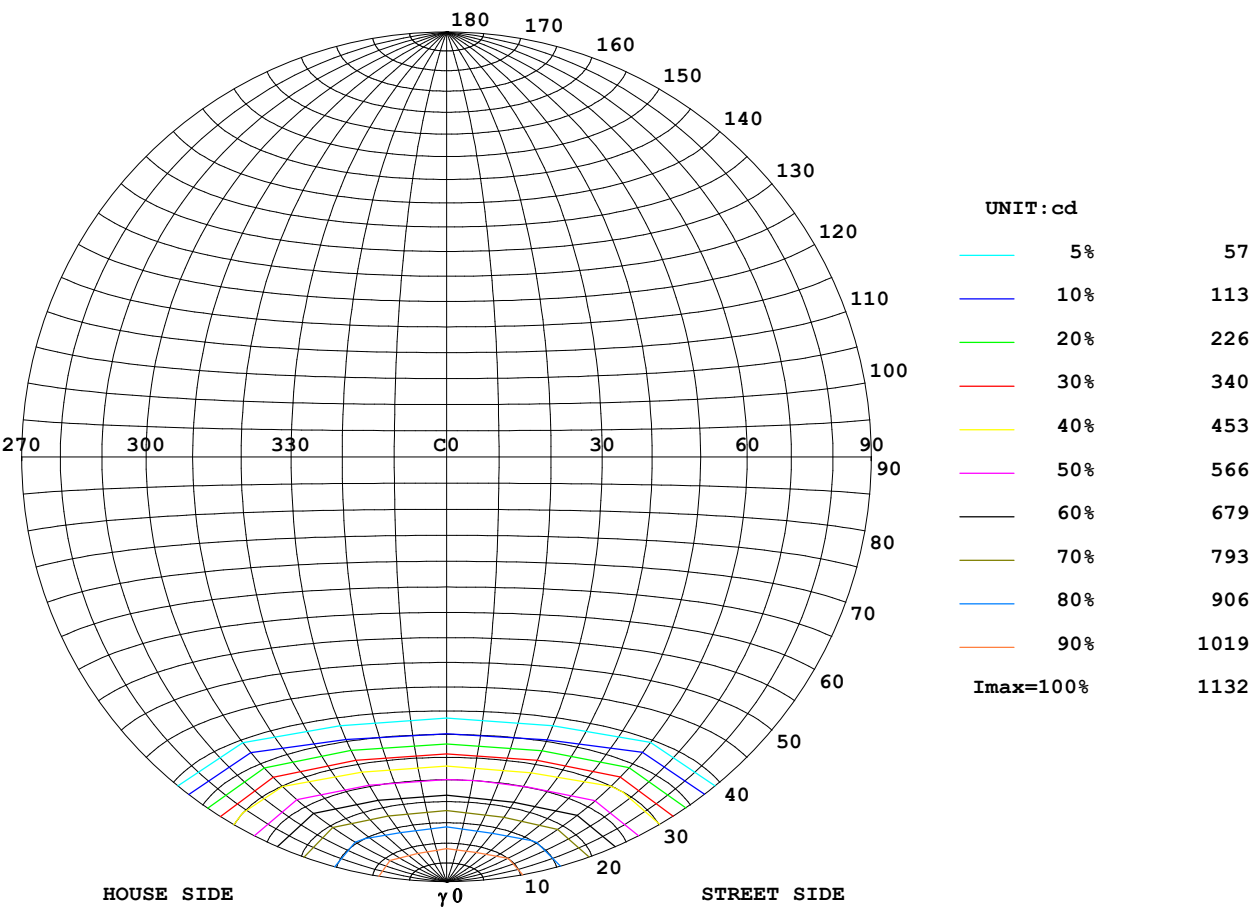
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-15-2025

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,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

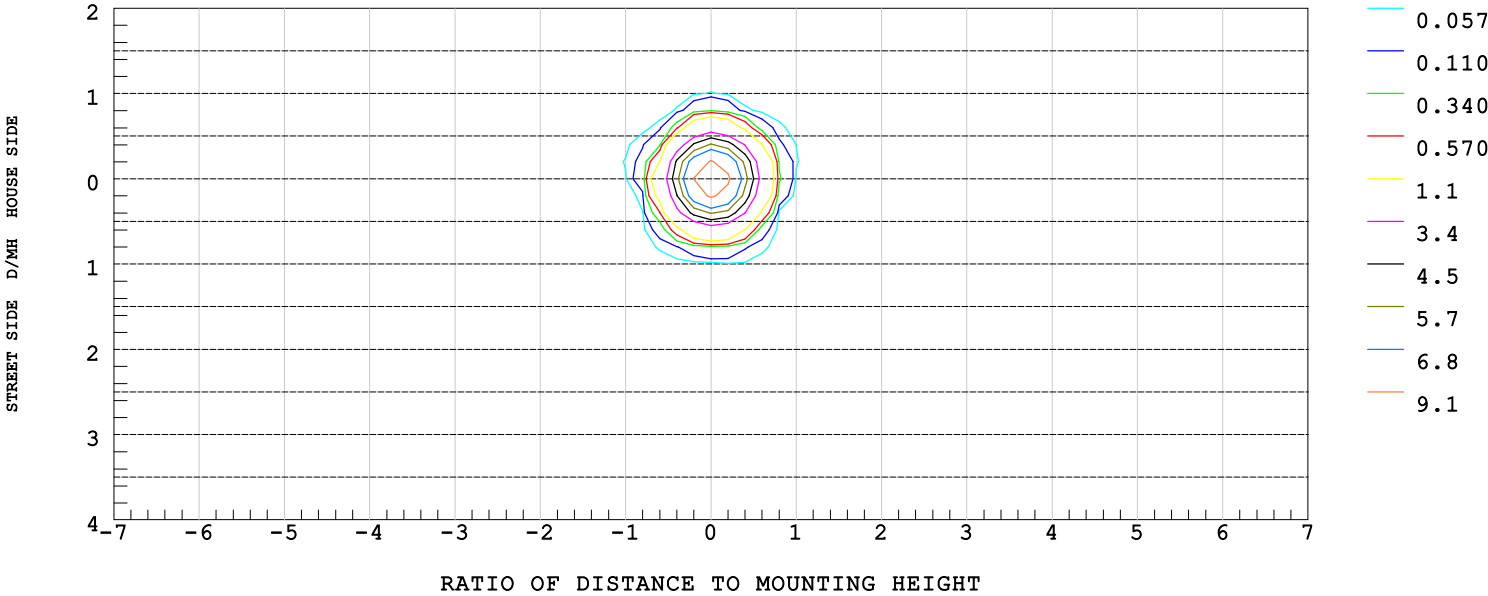
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 11.32 lx



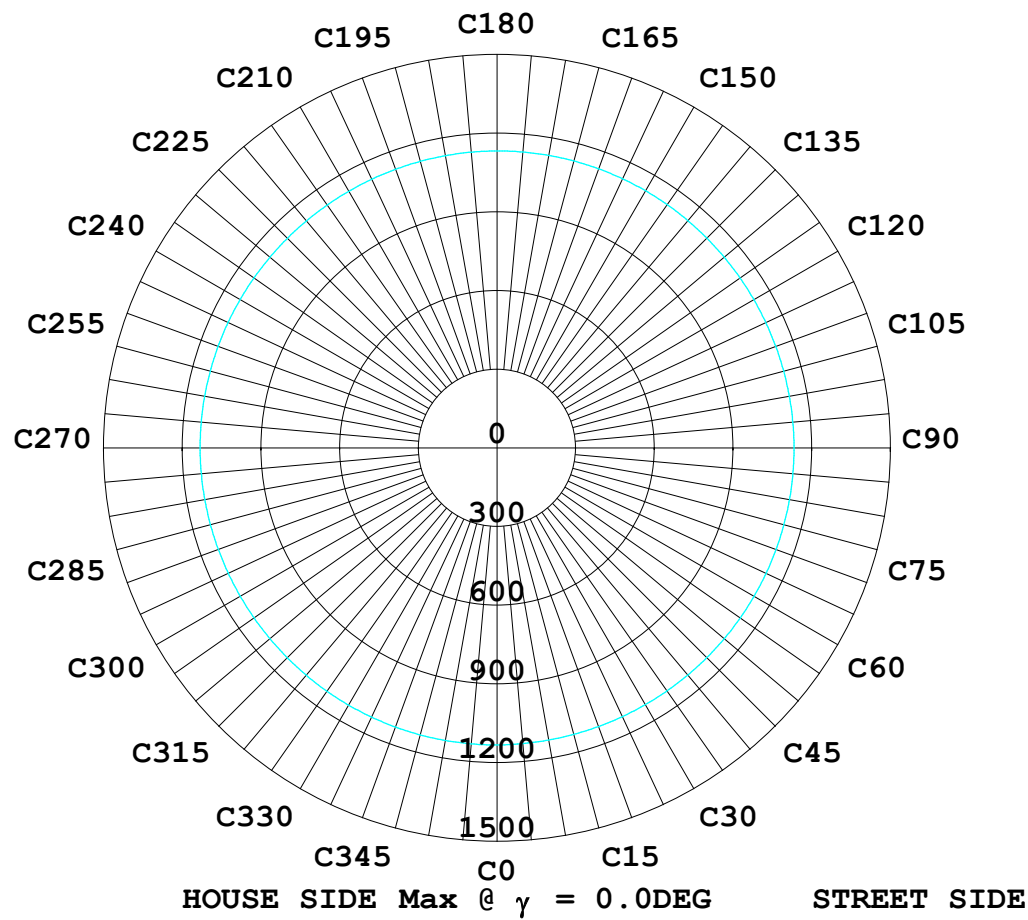
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

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,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-15-2025

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,301019		
NAME: AMANDEEP	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-83 CUTOUT-67 H-53 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1132	1130	1132	1132	1131	1132	1132	1130	1132	1132	1131	1132
5.0	1084	1086	1105	1110	1119	1111	1112	1107	1090	1090	1078	1086
10.0	994	990	1019	1026	1043	1027	1032	1028	1005	1005	986	997
15.0	884	874	911	923	948	933	939	938	913	914	880	887
20.0	727	718	763	782	820	808	822	822	782	780	733	738
25.0	568	564	615	631	676	661	678	681	632	628	576	583
30.0	378	384	451	461	509	489	503	511	455	448	386	322
35.0	116	120	180	189	243	212	239	252	184	177	121	70.0
40.0	30.8	24.7	42.7	32.6	52.8	29.6	43.4	55.7	33.3	41.5	24.2	26.3
45.0	14.8	7.29	18.0	10.3	22.3	7.08	13.8	22.6	10.3	17.0	7.00	13.8
50.0	9.53	3.03	9.60	3.17	10.4	4.19	5.12	10.9	3.32	9.82	3.25	7.87
55.0	7.08	1.87	6.86	1.73	7.51	3.90	3.54	7.65	1.95	7.15	2.02	5.78
60.0	4.91	0.79	4.84	0.58	5.20	9.10	2.31	5.05	0.51	4.76	0.51	4.69
65.0	4.19	0.65	3.97	0.51	4.40	11.7	2.23	4.26	0.43	3.90	0.51	3.82
70.0	3.75	0.72	3.54	0.51	3.75	6.93	2.31	3.61	0.51	3.46	0.51	3.32
75.0	3.39	0.79	3.17	0.65	3.39	3.82	2.23	3.25	0.51	3.03	0.51	2.96
80.0	3.10	0.79	2.81	0.65	3.03	2.31	2.16	2.89	0.65	2.74	0.58	2.67
85.0	2.89	0.79	2.60	0.72	2.74	1.66	2.23	2.60	0.65	2.38	0.58	2.31
90.0	2.52	1.30	2.38	1.08	2.45	1.37	2.96	2.31	0.87	2.16	0.87	2.09

Test System:HOPOO HPG1800
Temperature:25.3DEG
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