

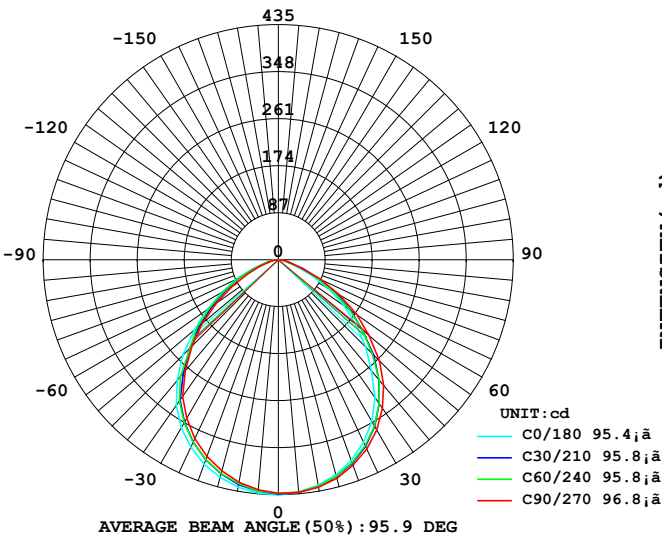
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

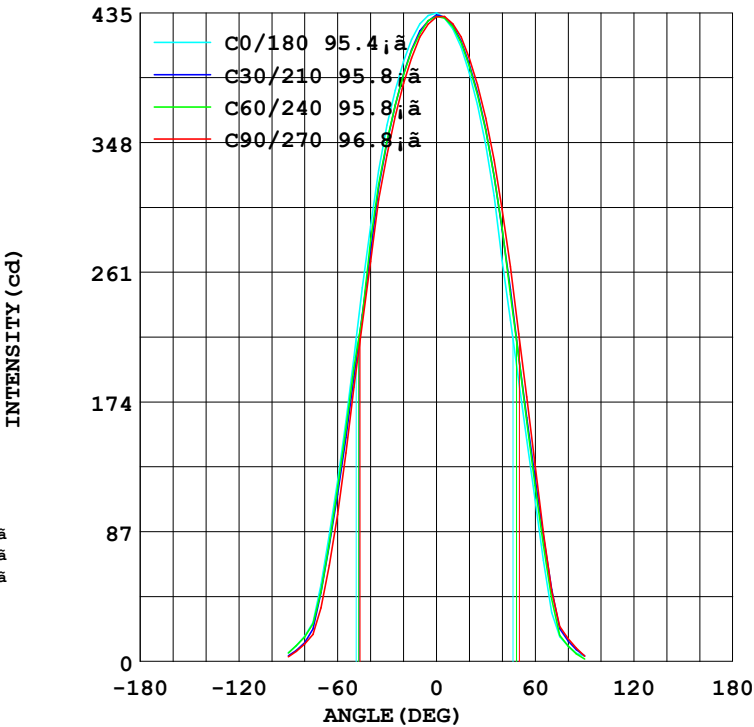
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

DATA OF LAMP		Imax (cd)	435.0	S/MH (C0/180)	1.23
MODEL	AMIGO	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	969.11	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	80.8	Current (A)	0.058
NOMINAL FLUX (lm)	969.1	η up (%)	0.0	Power (W)	12.00
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.5	Effictive Flux(lm)	934.2	EEI	0.165

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 5.0deg/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: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

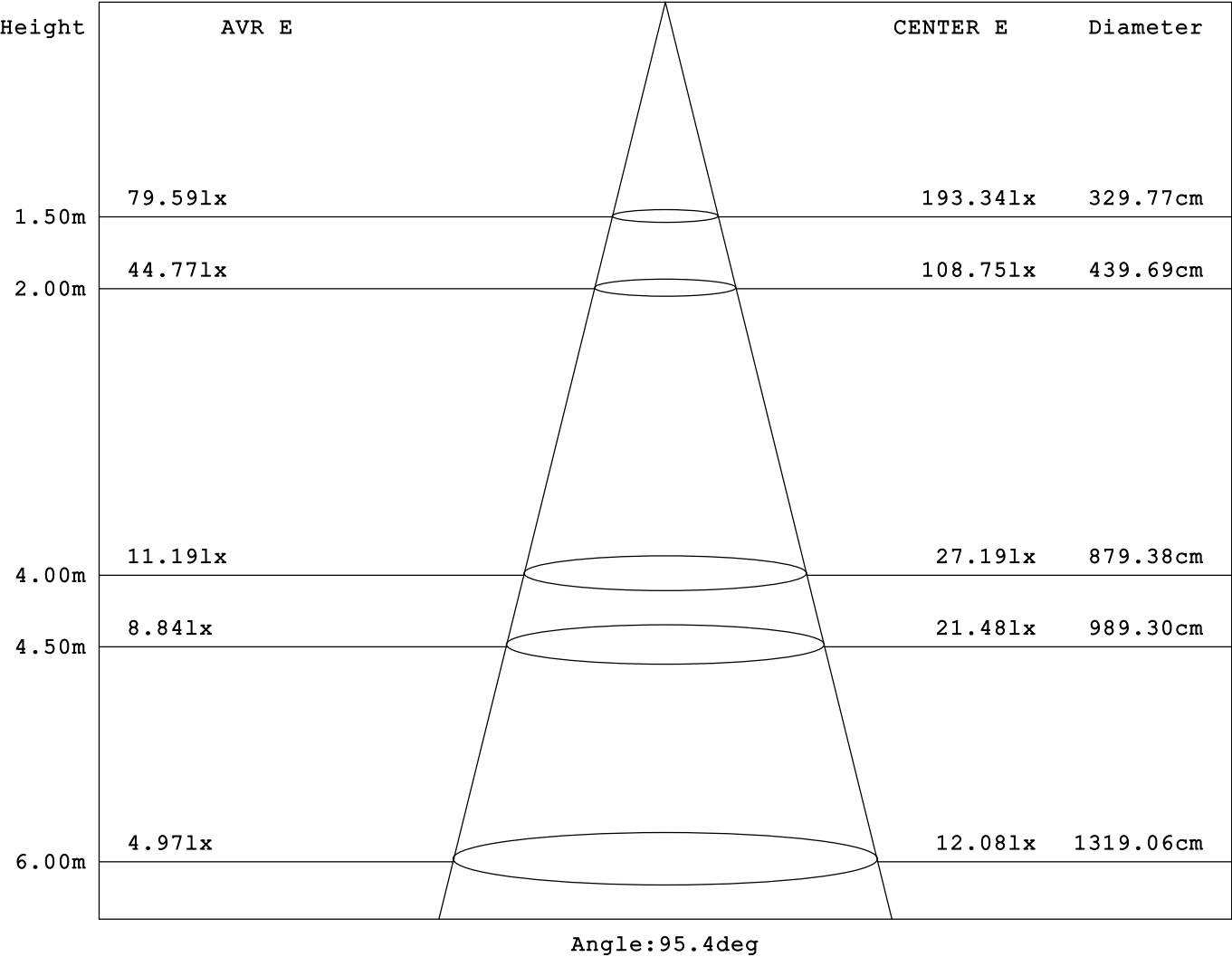
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/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,301019		
NAME: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



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

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,301019											
NAME: AMIGO						TYPE: 3000K CRI-90			WEIGHT:		
SPECIFICATION: OSRAM 250 MA						DIMENSION: OUTER-154 CUTOUT-130 H-56			SERIAL No.:		

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	427.5	421.9	418.7	419.8	424.1	426.0	427.5	426.2	0- 10	40.88	40.88
20.0	402.5	393.7	387.6	389.6	395.0	400.1	404.8	402.0	10- 20	116.3	157.2
30.0	359.5	348.3	339.4	342.4	346.2	356.2	364.3	360.6	20- 30	173.3	330.5
40.0	291.8	278.3	268.1	271.9	268.6	290.1	303.2	296.5	30- 40	200.2	530.8
50.0	203.8	193.9	184.0	188.1	187.8	203.9	219.6	209.9	40- 50	186.0	716.9
60.0	121.0	114.1	98.69	104.0	108.5	120.4	131.7	123.1	50- 60	140.3	857.2
70.0	51.29	46.52	36.05	36.91	32.80	45.01	47.17	46.67	60- 70	77.01	934.2
80.0	16.90	14.52	11.70	12.53	10.47	12.06	15.24	13.61	70- 80	26.02	960.2
90.0	5.707	4.696	3.034	3.540	3.468	2.709	3.612	3.287	80- 90	8.869	969.1
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:09-09-2025

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

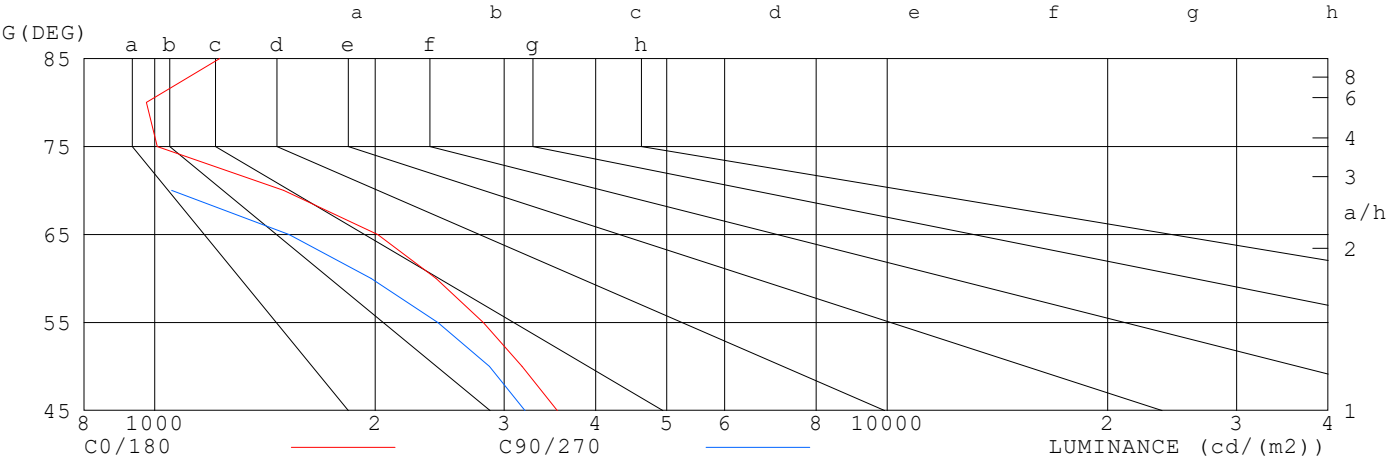
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	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	1227	788
80	974	674
75	1008	703
70	1500	1054
65	2016	1525
60	2422	1974
55	2809	2436
50	3172	2863
45	3545	3201

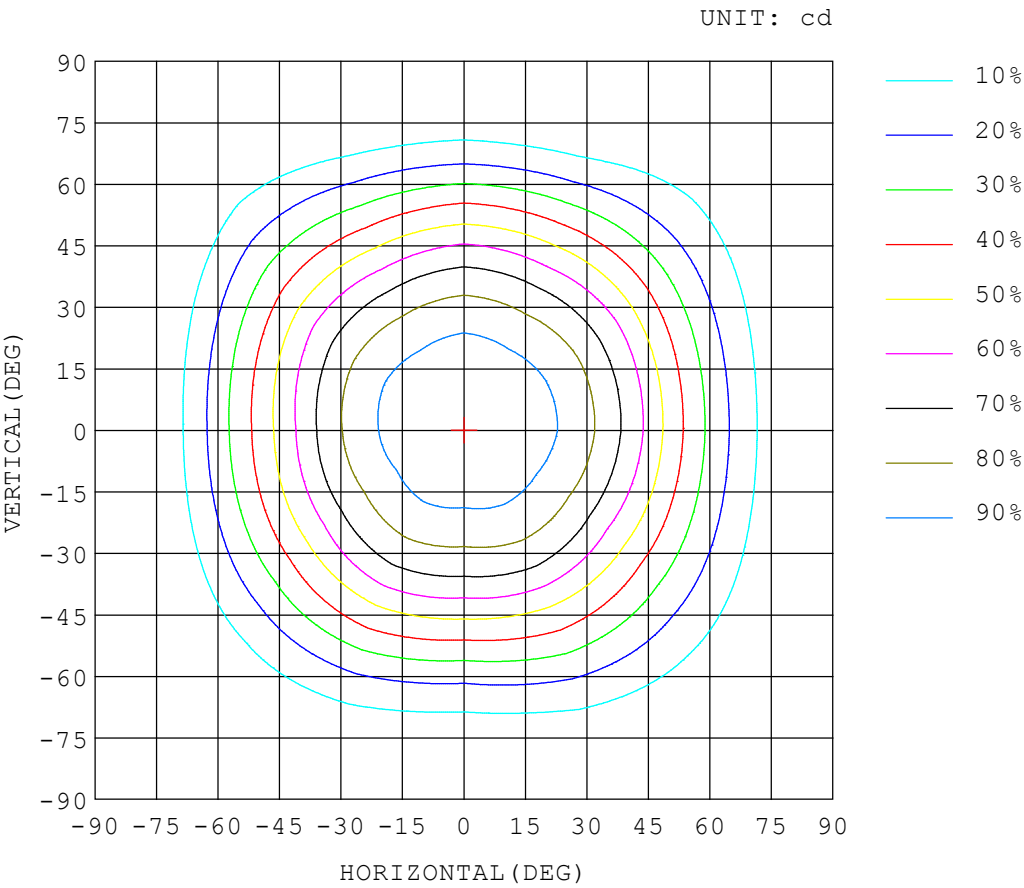
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

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: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



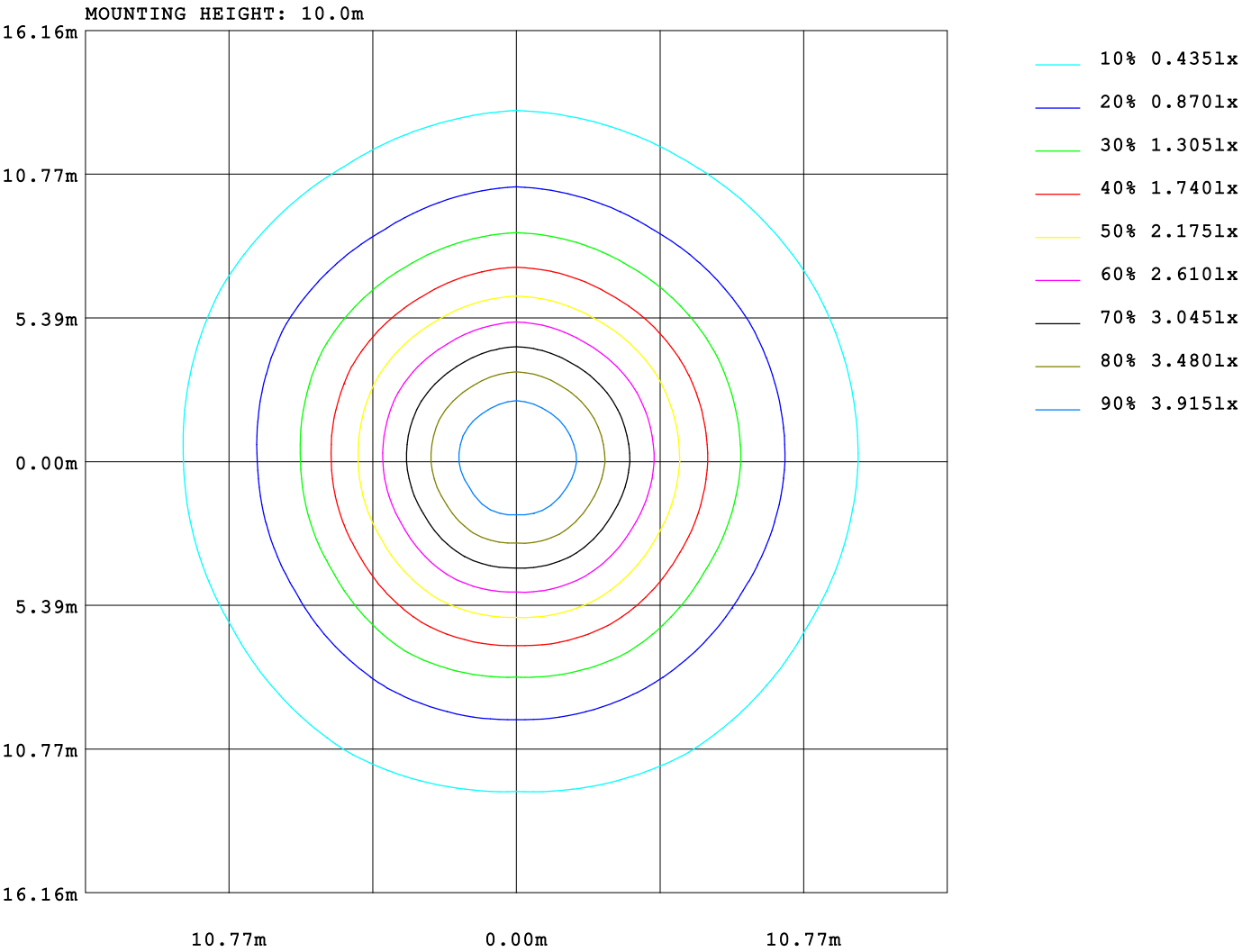
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

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: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



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

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: AMIGO										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: OUTER-154 CUTOUT-130 H-56					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.01	0.04	0.07	0.10	0.12	0.13	0.16	0.21	0.26	0.26	0.22	0.17	0.15	0.14	0.12	0.09	0.05	0.02			
90	0.01	0.04	0.07	0.10	0.12	0.13	0.16	0.21	0.26	0.26	0.22	0.17	0.15	0.14	0.12	0.09	0.05	0.02	2.30	0.00	
80	0.01	0.05	0.12	0.20	0.29	0.37	0.50	0.67	0.79	0.79	0.67	0.51	0.40	0.33	0.24	0.15	0.07	0.02	6.17	0.13	
70	0.01	0.07	0.18	0.37	0.71	1.17	1.69	2.22	2.58	2.58	2.22	1.68	1.19	0.77	0.44	0.22	0.10	0.02	18.2	14.3	
60	0.01	0.08	0.26	0.78	1.61	2.59	3.59	4.55	5.19	5.23	4.64	3.70	2.64	1.64	0.86	0.34	0.12	0.02	37.9	36.5	
50	0.02	0.10	0.41	1.31	2.63	4.12	5.58	6.89	7.78	7.82	7.01	5.74	4.24	2.68	1.38	0.52	0.15	0.03	58.4	57.5	
40	0.02	0.12	0.59	1.82	3.57	5.55	7.48	9.03	9.98	10.0	9.13	7.64	5.71	3.66	1.91	0.72	0.18	0.03	77.2	76.5	
30	0.02	0.14	0.76	2.23	4.31	6.77	8.97	10.5	11.5	11.5	10.6	9.14	6.97	4.48	2.36	0.91	0.21	0.03	91.6	91.1	
	0.02	0.16	0.87	2.51	4.79	7.47	9.91	11.5	12.5	12.5	11.6	10.0	7.77	5.07	2.67	1.04	0.23	0.03	101	100	
	0.02	0.16	0.92	2.62	4.96	7.75	10.2	12.0	12.9	12.9	12.1	10.4	8.13	5.35	2.83	1.11	0.25	0.03	105	105	
	0.02	0.16	0.90	2.57	4.87	7.62	10.1	11.8	12.8	12.8	12.0	10.3	8.02	5.27	2.80	1.10	0.25	0.03	104	103	
	0.02	0.15	0.81	2.37	4.53	7.09	9.50	11.2	12.2	12.2	11.3	9.74	7.43	4.84	2.58	1.02	0.23	0.03	97.4	96.9	
-30	0.02	0.13	0.67	2.02	3.93	6.18	8.53	10.2	11.0	11.0	10.3	8.74	6.42	4.15	2.22	0.87	0.20	0.03	86.8	86.2	
-40	0.02	0.11	0.49	1.54	3.12	5.05	7.03	8.61	9.27	9.30	8.68	7.14	5.22	3.32	1.77	0.68	0.17	0.03	71.6	70.8	
-50	0.02	0.09	0.32	1.01	2.20	3.72	5.23	6.31	6.83	6.84	6.34	5.32	3.89	2.44	1.26	0.47	0.14	0.03	52.5	51.5	
-60	0.01	0.07	0.21	0.56	1.28	2.26	3.27	3.96	4.27	4.30	4.06	3.46	2.51	1.54	0.76	0.29	0.11	0.02	32.9	31.3	
-70	0.01	0.05	0.14	0.28	0.59	1.06	1.54	1.86	2.00	2.05	1.98	1.72	1.24	0.75	0.38	0.19	0.09	0.02	15.9	11.9	
-80	0.01	0.04	0.08	0.16	0.29	0.44	0.57	0.64	0.65	0.67	0.68	0.64	0.50	0.34	0.21	0.12	0.06	0.02	6.12	0.00	
-90	0.01	0.03	0.05	0.08	0.14	0.20	0.24	0.24	0.23	0.23	0.26	0.27	0.23	0.17	0.11	0.07	0.05	0.02	2.62	0.00	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90
Φ t	0.27	1.75	7.86	22.5	43.9	69.5	94.2	113	123	123	114	96.6	72.7	47.0	24.9	9.95	2.63	0.47	969		
Φ a	0.00	0.00	5.05	20.4	41.9	67.5	92.2	111	121	121	112	94.5	70.6	44.9	22.8	7.61	0.20	0.00		934	

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

Test Set: 5.0deg/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, 301019

NAME: AMIGO

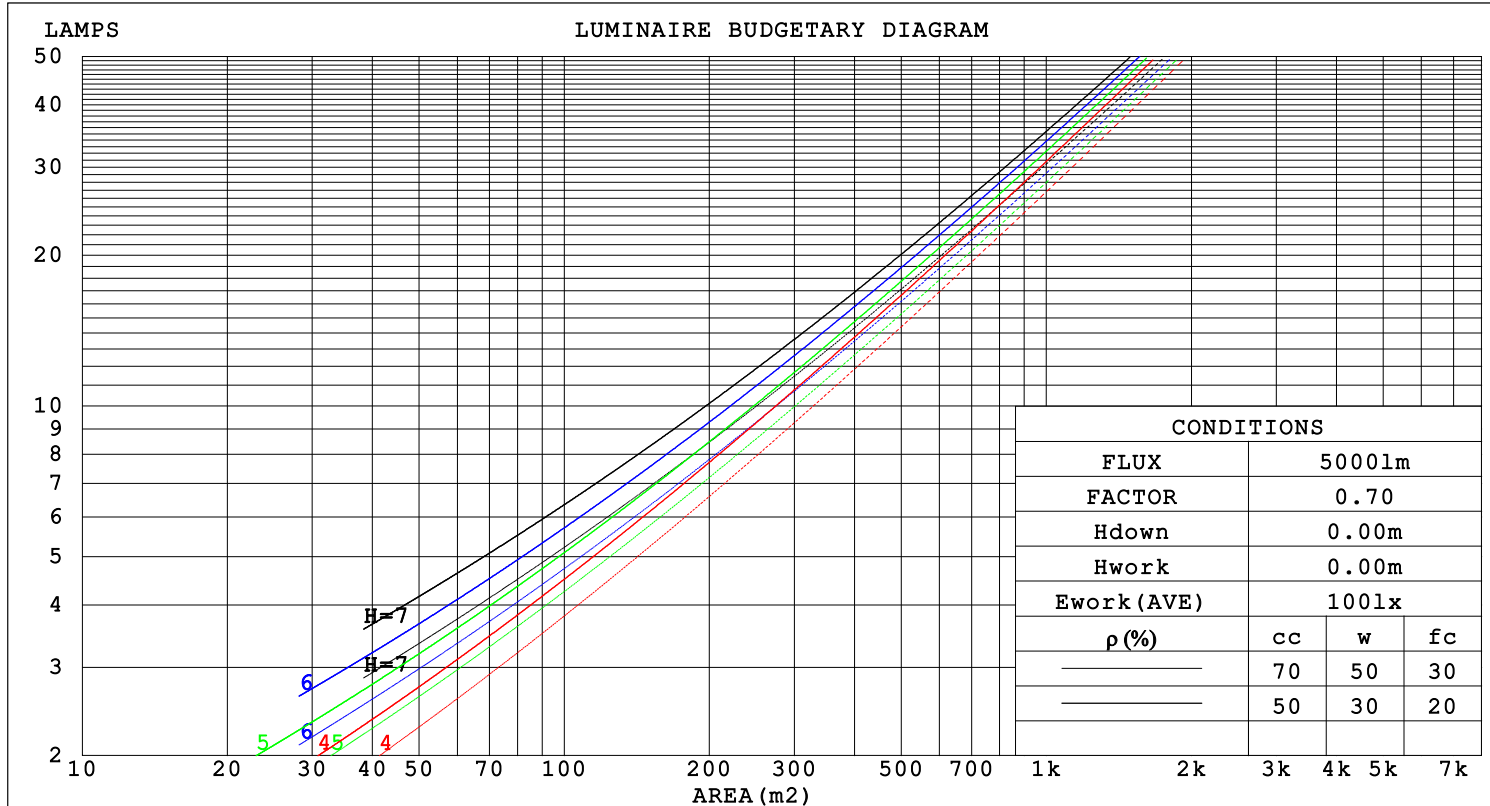
TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: OUTER-154 CUTOUT-130 H-56 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	1.06	1.03	.99	1.04	1.01	.98	.00	.97	.95	.96	.94	.92	.93	.91	.89	.87												
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75												
3.0	.84	.77	.71	.83	.76	.71	.80	.74	.69	.77	.72	.68	.75	.71	.67	.65												
4.0	.75	.68	.61	.74	.67	.61	.72	.65	.60	.70	.64	.59	.67	.63	.59	.57												
5.0	.68	.60	.54	.67	.59	.53	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50												
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44												
7.0	.56	.48	.42	.55	.48	.42	.54	.47	.42	.53	.46	.42	.51	.46	.41	.39												
8.0	.52	.44	.38	.51	.43	.38	.50	.43	.38	.48	.42	.37	.47	.42	.37	.35												
9.0	.47	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.32												
10.0	.44	.36	.31	.43	.36	.31	.42	.36	.31	.42	.35	.31	.41	.35	.31	.29												



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

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: AMIGO								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-154 CUTOUT-130 H-56				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	.262	.149	.047	.255	.146	.046	.242	.139	.044	.230	.133	.043	.219	.127	.041	
2.0	.253	.139	.042	.247	.136	.042	.235	.131	.041	.225	.126	.039	.215	.122	.038	
3.0	.239	.127	.038	.233	.125	.038	.223	.121	.037	.214	.117	.036	.206	.114	.035	
4.0	.224	.116	.034	.219	.115	.034	.211	.112	.033	.202	.109	.033	.195	.106	.032	
5.0	.210	.107	.031	.206	.106	.031	.198	.103	.030	.191	.101	.030	.184	.098	.030	
6.0	.197	.099	.028	.193	.098	.028	.186	.095	.028	.180	.093	.027	.174	.091	.027	
7.0	.185	.091	.026	.182	.090	.026	.175	.089	.026	.170	.087	.025	.164	.085	.025	
8.0	.174	.085	.024	.171	.084	.024	.165	.083	.024	.160	.081	.023	.155	.080	.023	
9.0	.164	.079	.022	.161	.079	.022	.156	.077	.022	.152	.076	.022	.147	.075	.022	
10.0	.155	.074	.021	.153	.074	.021	.148	.073	.020	.144	.071	.020	.140	.070	.020	

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	.177	.157	.138	.151	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.158	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.151	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.022	.017	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.130	.074	.035	.112	.064	.031	.077	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.124	.068	.030	.107	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.026	.102	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.113	.059	.023	.098	.051	.020	.068	.036	.014	.039	.021	.009	.013	.007	.003	

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

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: AMIGO					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: OUTER-154 CUTOUT-130 H-56			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	15.9	17.3	16.2	17.5	17.7	15.6	17.0	15.8	17.2	17.4
	3H	16.5	17.7	16.8	18.0	18.2	15.9	17.2	16.2	17.4	17.7
	4H	16.6	17.8	16.9	18.0	18.2	16.0	17.2	16.3	17.4	17.7
	6H	16.6	17.7	16.9	18.0	18.3	16.0	17.1	16.3	17.4	17.7
	8H	16.6	17.7	17.0	18.0	18.3	16.0	17.1	16.3	17.4	17.6
	12H	16.7	17.7	17.0	18.0	18.3	16.0	17.0	16.3	17.3	17.6
4H	2H	16.2	17.4	16.5	17.6	17.9	15.9	17.1	16.2	17.4	17.6
	3H	16.8	17.9	17.2	18.1	18.4	16.4	17.4	16.7	17.7	18.0
	4H	16.9	17.9	17.3	18.2	18.5	16.5	17.4	16.9	17.7	18.1
	6H	17.1	17.9	17.5	18.2	18.6	16.6	17.4	17.0	17.8	18.1
	8H	17.1	17.9	17.5	18.3	18.6	16.6	17.4	17.0	17.8	18.1
	12H	17.2	17.9	17.6	18.3	18.7	16.7	17.4	17.1	17.8	18.2
8H	4H	16.9	17.7	17.3	18.1	18.4	16.5	17.3	16.9	17.6	18.0
	6H	17.1	17.7	17.5	18.1	18.6	16.7	17.3	17.1	17.7	18.2
	8H	17.2	17.8	17.7	18.2	18.6	16.8	17.4	17.3	17.8	18.2
	12H	17.4	17.8	17.8	18.3	18.8	16.9	17.4	17.4	17.8	18.3
12H	4H	16.9	17.6	17.3	18.0	18.4	16.5	17.2	16.9	17.6	18.0
	6H	17.1	17.7	17.6	18.1	18.5	16.7	17.3	17.1	17.7	18.1
	8H	17.2	17.7	17.7	18.2	18.6	16.8	17.3	17.3	17.8	18.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4					+ 0.4 / - 0.6				
1.5H		+ 0.3 / - 0.3					+ 0.4 / - 0.4				
2.0H		+ 0.8 / - 0.9					+ 0.8 / - 1.3				

CIE Pub.117 Corrected 969.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

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

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: AMIGO					TYPE: 3000K CRI-90			WEIGHT:		
SPECIFICATION: OSRAM 250 MA					DIMENSION: OUTER-154 CUTOUT-130 H-56			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) $k(RI) \times RCR = 5$									
$k = 0.60$	63	52	46	62	52	46	61	52	46	40
0.80	73	63	56	72	62	56	71	62	56	49
1.00	82	72	66	81	71	65	78	72	65	58
1.25	88	79	73	87	79	73	85	77	72	66
1.50	93	85	79	92	84	78	89	82	77	70
2.00	99	92	87	97	91	86	94	89	84	77
2.50	102	96	91	100	94	90	97	92	88	80
3.00	105	99	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	98	102	99	96	87
5.00	111	106	103	108	105	101	104	101	98	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNOM = 1.25		

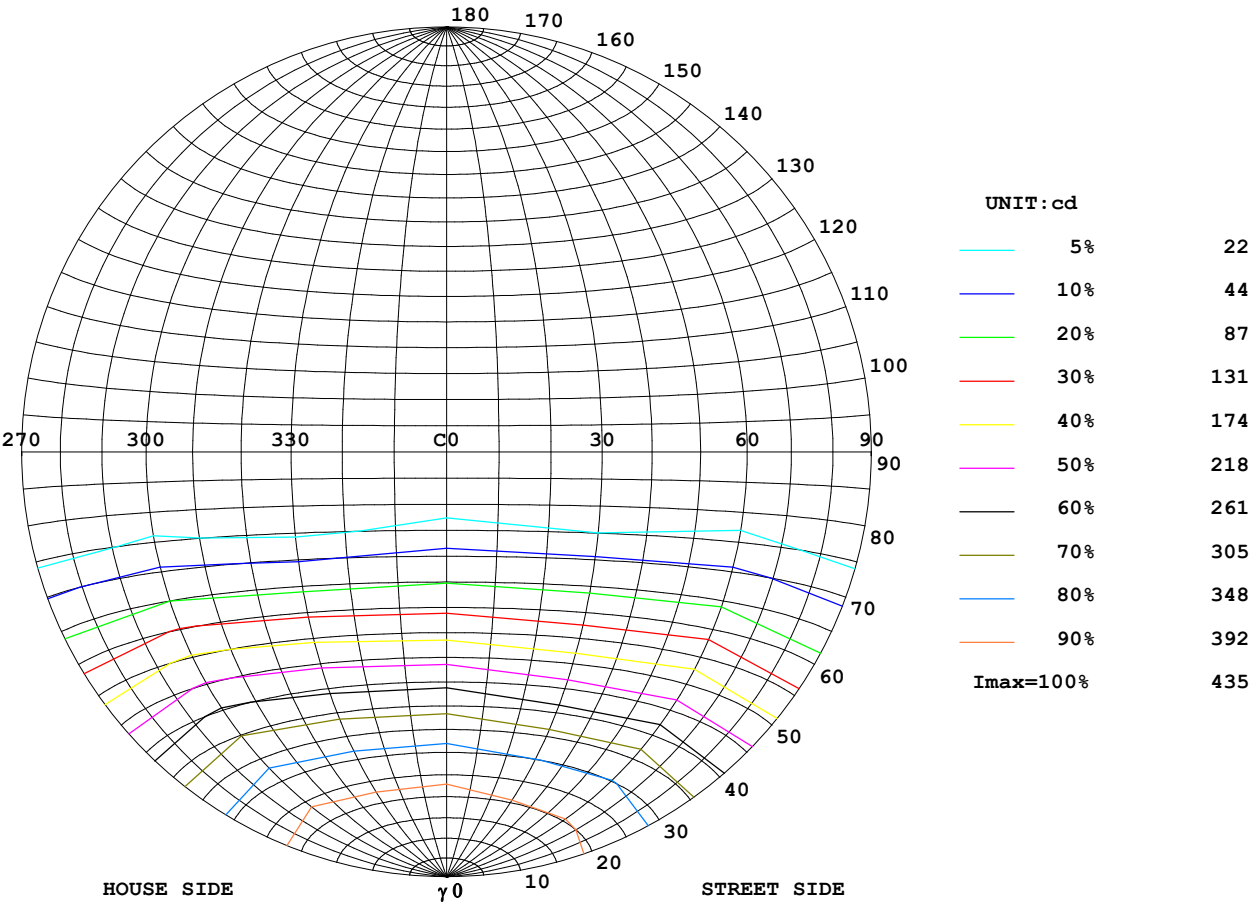
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



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

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: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 4.35 lx



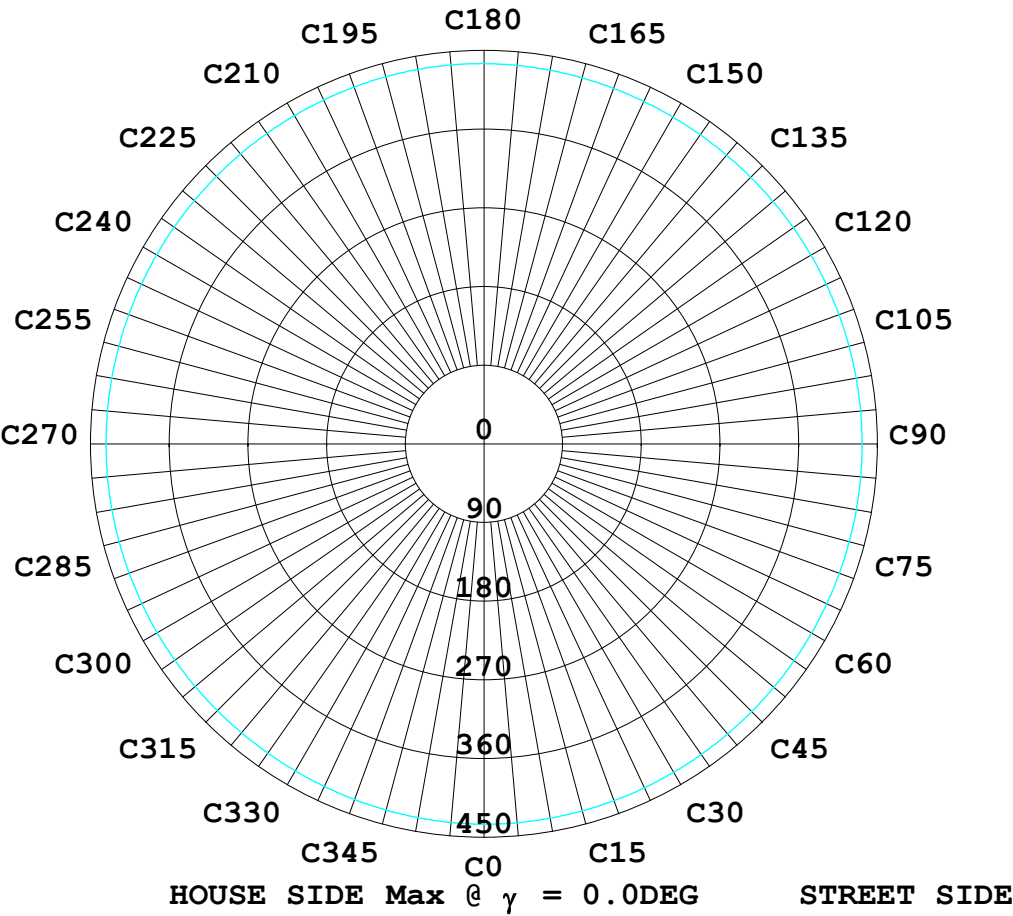
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

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: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



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

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: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	435	434	433	432	432	432	435	434	433	432	432	432
5.0	433	430	430	427	429	427	431	432	432	432	432	431
10.0	428	423	421	419	421	419	424	426	426	428	426	426
15.0	417	410	410	405	408	406	412	416	415	419	416	417
20.0	403	394	394	388	391	388	395	401	400	405	401	403
25.0	383	373	373	366	371	366	373	381	380	387	382	385
30.0	360	348	349	339	346	339	346	357	356	364	358	363
35.0	329	318	320	310	316	306	312	326	325	336	329	334
40.0	292	274	282	268	280	264	269	290	291	303	295	298
45.0	251	232	231	226	231	223	229	249	246	265	252	257
50.0	204	191	197	184	194	182	188	204	204	220	210	210
55.0	161	150	156	140	151	141	149	164	161	177	167	167
60.0	121	112	116	98.6	108	100	109	123	118	132	122	124
65.0	85.1	77.9	79.3	64.4	70.8	63.0	67.6	84.0	77.9	86.4	77.7	85.4
70.0	51.2	46.2	46.8	36.0	41.3	32.5	32.8	48.1	41.8	47.1	40.6	52.6
75.0	26.0	21.7	25.1	18.2	22.1	15.8	16.6	21.8	17.4	23.4	18.4	26.8
80.0	16.9	12.5	16.4	11.7	15.0	10.0	10.4	13.7	10.3	15.2	11.1	16.0
85.0	10.6	7.36	10.6	6.86	9.46	5.20	5.56	7.80	5.05	8.95	5.85	9.75
90.0	5.70	3.68	5.70	3.03	4.76	2.31	3.46	3.82	1.58	3.61	1.87	4.69

Test System:HOPOO HPG1800
Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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