

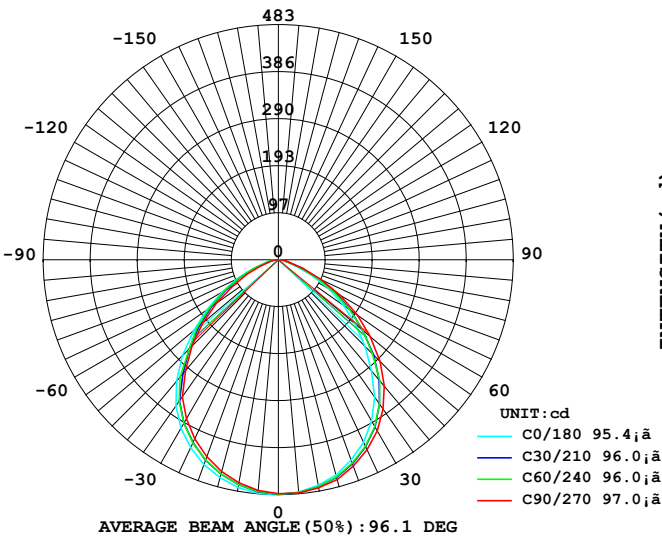
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

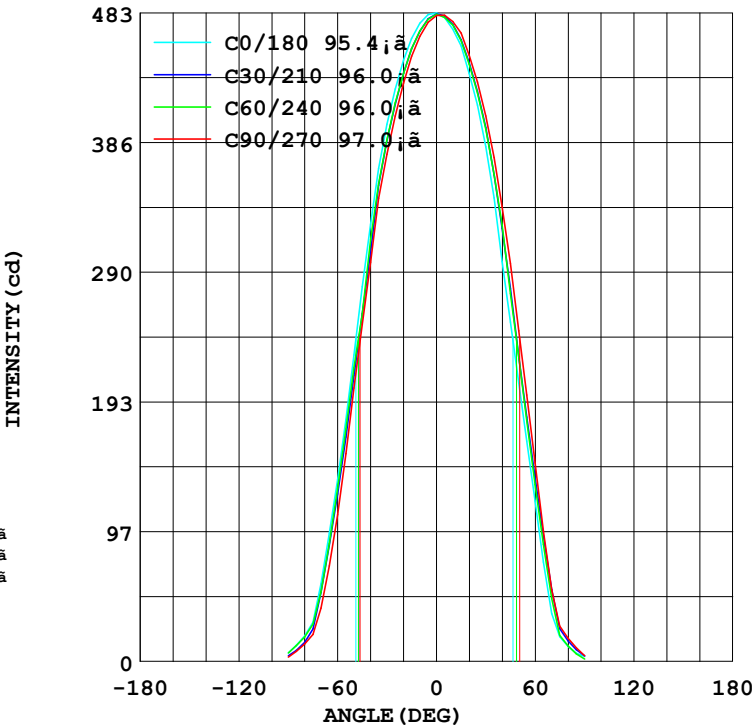
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

DATA OF LAMP		Imax (cd)	482.7	S/MH (C0/180)	1.23
MODEL	AMIGO	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1078.4	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	90.6	Current (A)	0.058
NOMINAL FLUX (lm)	1078.4	η up (%)	0.0	Power (W)	11.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	1039.6	EEI	0.150

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:9.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

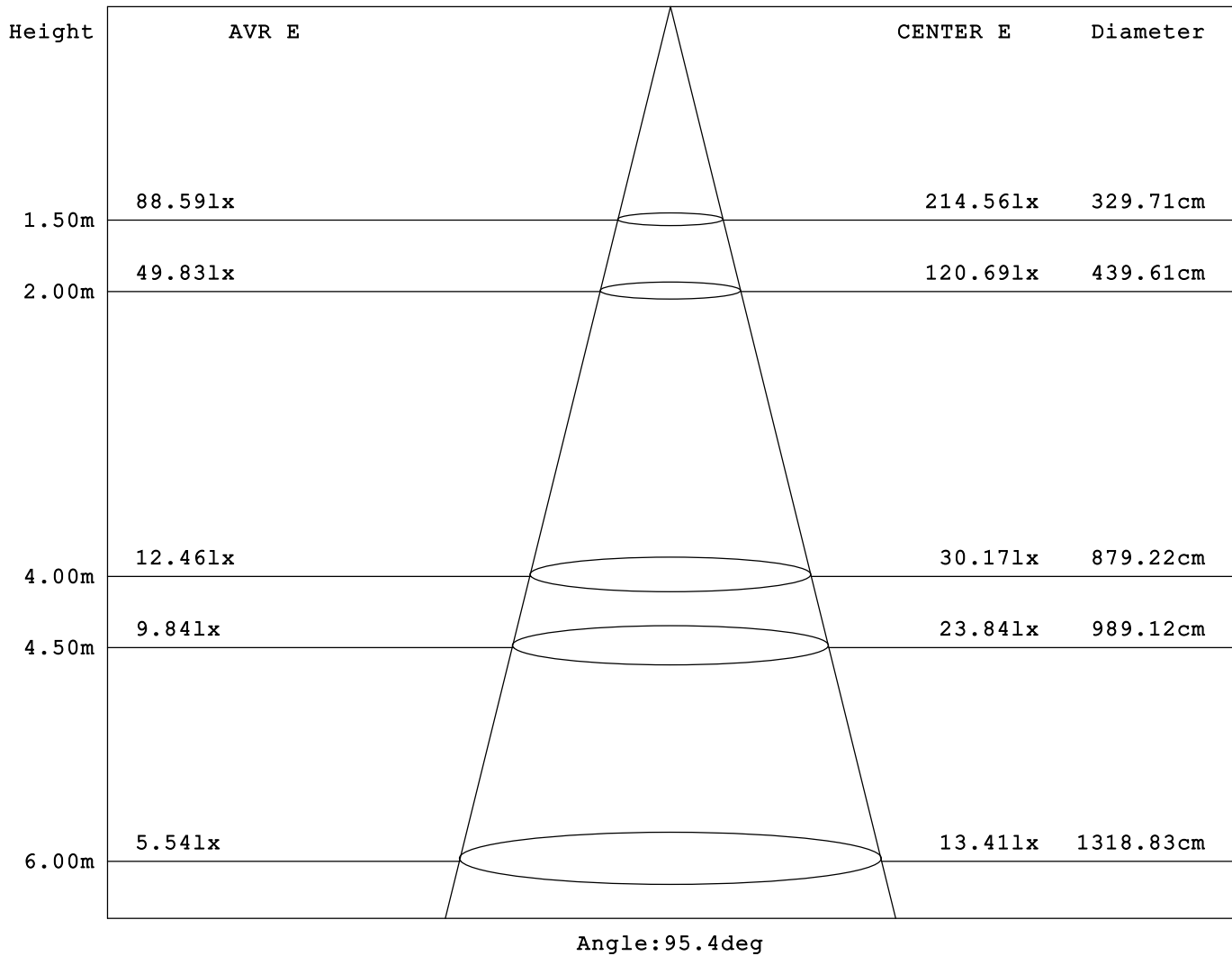
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: AMIGO	TYPE: 4000K 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:9.000 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K 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	474.9	469.2	465.2	467.0	470.5	473.8	476.1	475.0	0- 10	45.48	45.48
20.0	447.5	437.8	430.4	433.8	437.5	445.1	451.0	448.0	10- 20	129.4	174.8
30.0	399.7	387.8	377.2	380.8	383.1	396.6	406.0	401.8	20- 30	192.8	367.7
40.0	325.3	309.3	297.0	302.2	297.5	323.4	338.4	330.8	30- 40	222.8	590.6
50.0	227.9	215.7	203.5	208.5	207.3	226.8	246.0	234.7	40- 50	207.2	797.8
60.0	135.3	126.6	109.1	114.9	119.4	134.1	147.7	138.0	50- 60	156.0	953.9
70.0	57.67	51.51	39.60	40.66	35.72	50.13	53.21	52.60	60- 70	85.68	1040
80.0	18.87	16.15	12.96	13.81	11.42	13.52	17.17	15.34	70- 80	28.98	1069
90.0	6.399	5.184	3.240	3.847	3.807	2.956	4.050	3.766	80- 90	9.872	1078
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

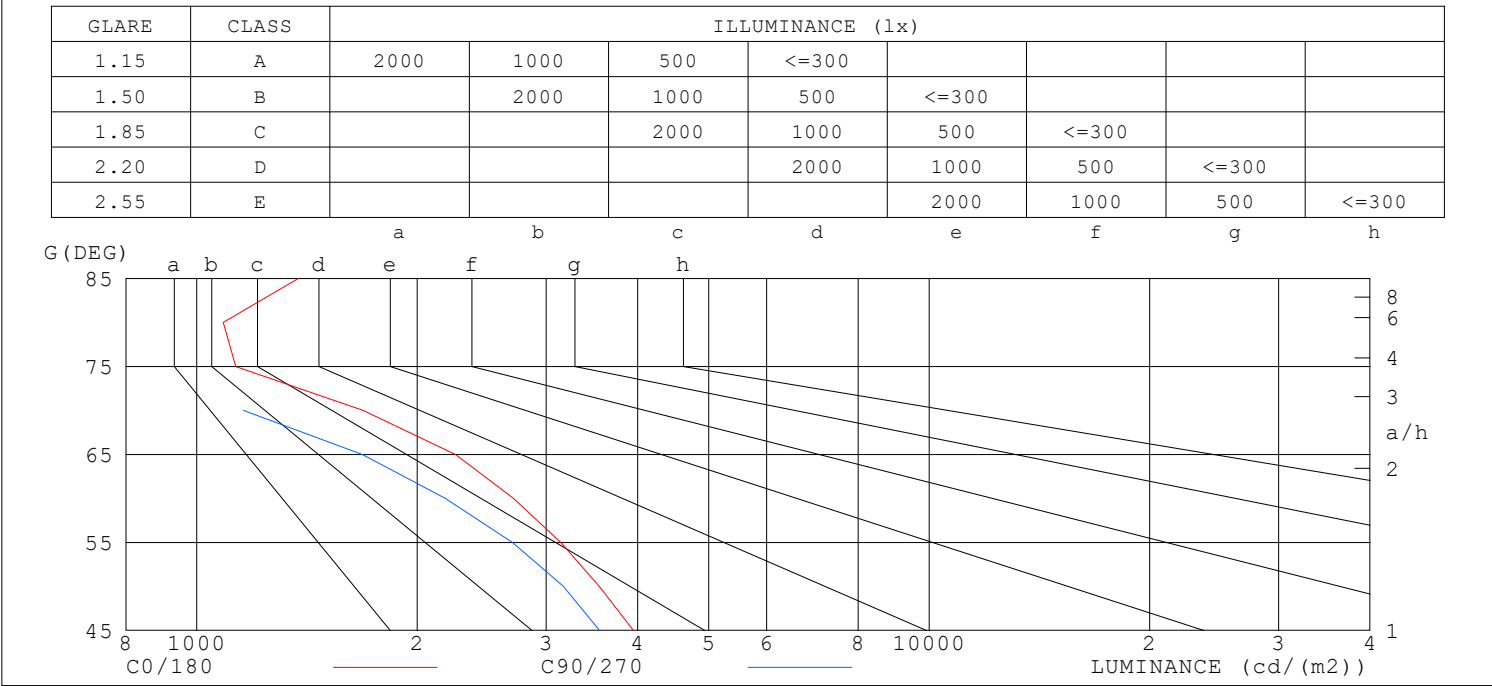
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	1375	855
80	1087	746
75	1130	773
70	1686	1158
65	2256	1683
60	2707	2184
55	3141	2699
50	3546	3167
45	3946	3548

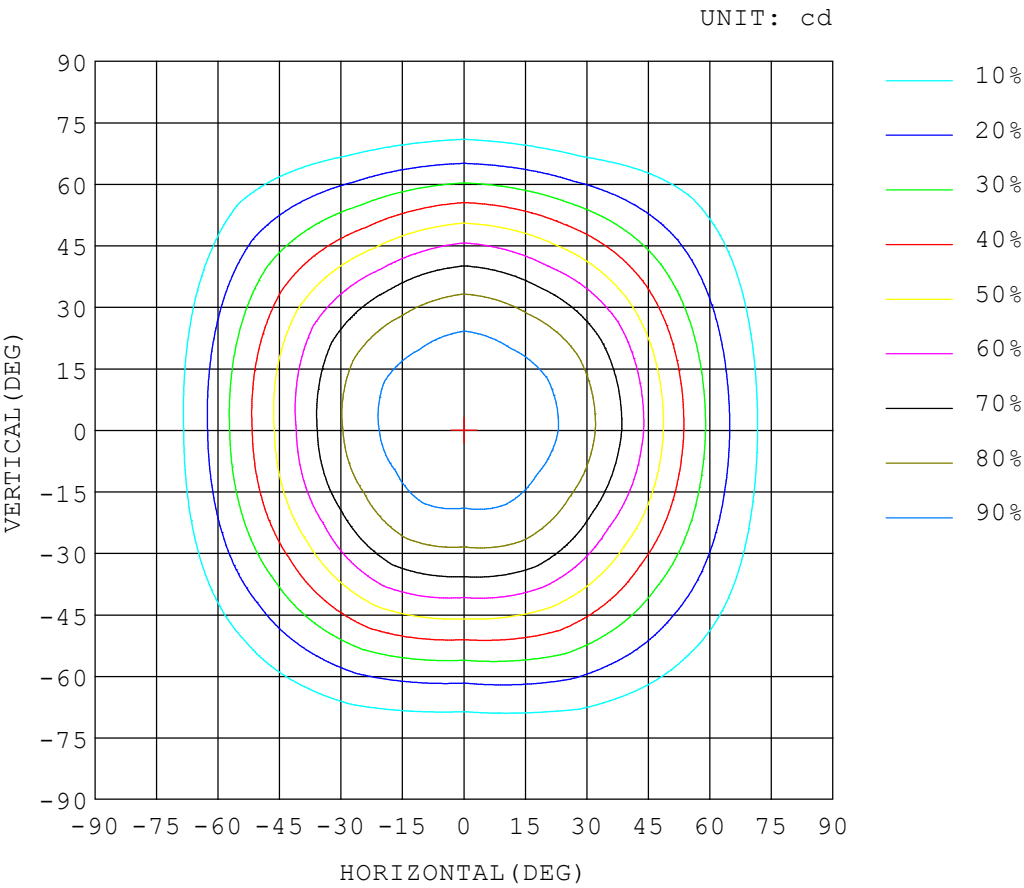
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



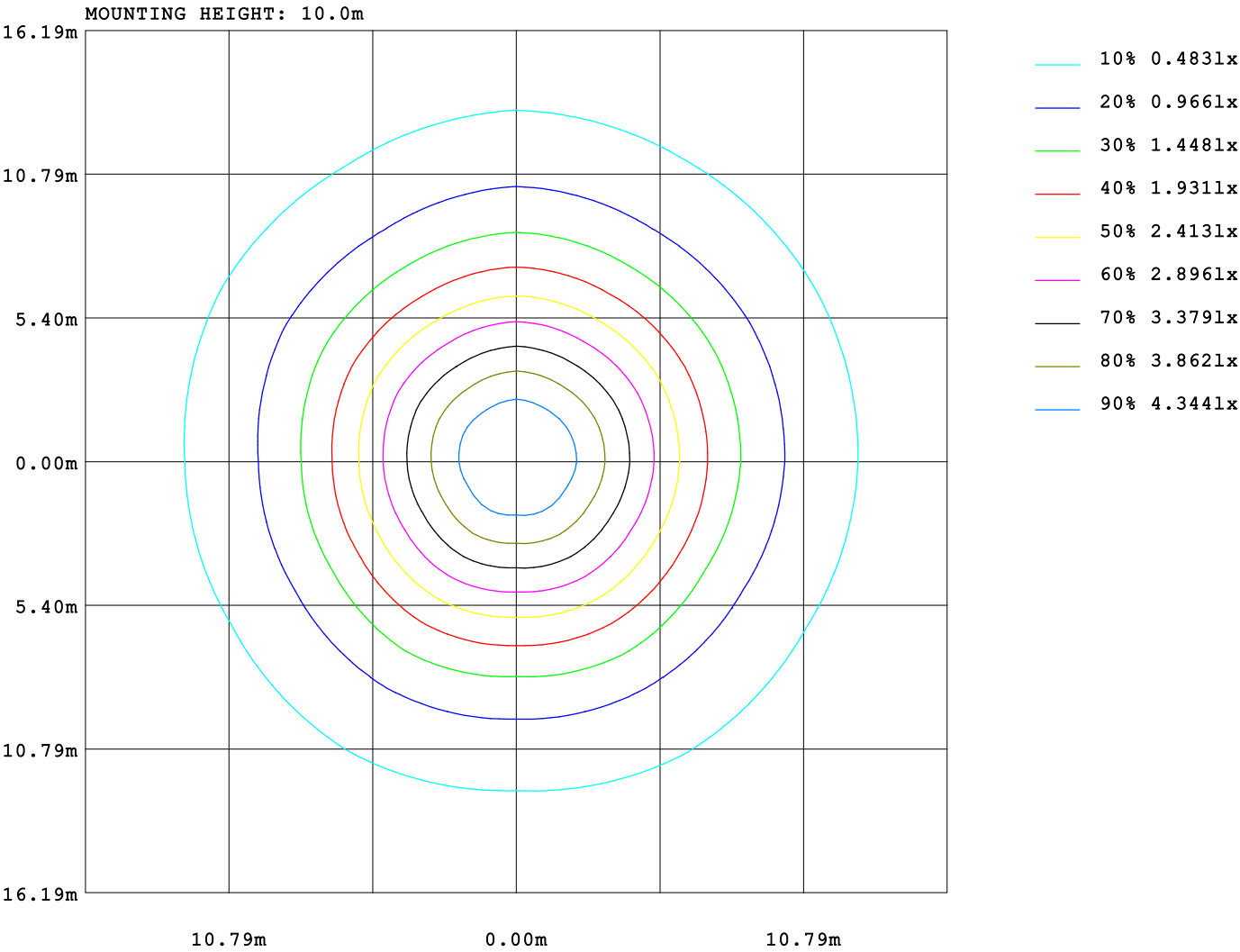
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K 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:9.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: AMIGO										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: OUTER-154 CUTOUT-130 H-56					SERIAL No.:				

		AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a					
		0.01	0.04	0.08	0.11	0.13	0.14	0.17	0.24	0.29	0.30	0.25	0.19	0.17	0.16	0.14	0.10	0.06	0.02								
VERTICAL (DEG)	90																										
	80	0.01	0.04	0.08	0.11	0.13	0.14	0.17	0.24	0.29	0.30	0.25	0.19	0.17	0.16	0.14	0.10	0.06	0.02	2.59	0.00						
	70	0.01	0.05	0.13	0.23	0.32	0.41	0.56	0.75	0.89	0.89	0.76	0.58	0.45	0.37	0.27	0.17	0.08	0.02	6.94	0.20						
	60	0.01	0.07	0.20	0.41	0.79	1.31	1.89	2.48	2.89	2.90	2.50	1.89	1.34	0.86	0.50	0.25	0.11	0.02	20.4	16.2						
	50	0.02	0.09	0.29	0.87	1.79	2.89	4.00	5.08	5.81	5.85	5.20	4.15	2.97	1.85	0.97	0.38	0.13	0.03	42.4	40.8						
	40	0.02	0.11	0.46	1.45	2.93	4.58	6.21	7.69	8.69	8.74	7.84	6.42	4.74	3.00	1.55	0.58	0.17	0.03	65.2	64.3						
	30	0.02	0.13	0.66	2.02	3.97	6.18	8.33	10.0	11.1	11.1	10.1	8.53	6.38	4.10	2.14	0.81	0.20	0.03	86.1	85.3						
		0.02	0.16	0.83	2.47	4.78	7.53	9.99	11.7	12.8	12.8	11.8	10.1	7.79	5.01	2.64	1.02	0.23	0.04	102	102						
		0.02	0.17	0.96	2.77	5.30	8.30	11.0	12.9	13.9	13.9	12.9	11.2	8.67	5.66	2.99	1.17	0.26	0.04	112	112						
		0.02	0.18	1.01	2.89	5.48	8.58	11.3	13.3	14.4	14.4	13.5	11.6	9.06	5.97	3.16	1.25	0.28	0.04	117	116						
		0.02	0.17	0.99	2.84	5.38	8.44	11.2	13.1	14.2	14.3	13.3	11.5	8.94	5.87	3.12	1.24	0.28	0.04	115	115						
		0.02	0.16	0.89	2.62	5.01	7.87	10.5	12.5	13.5	13.6	12.6	10.8	8.28	5.39	2.88	1.14	0.26	0.04	108	108						
	-30	0.02	0.14	0.73	2.23	4.35	6.86	9.48	11.4	12.2	12.2	11.5	9.73	7.15	4.63	2.48	0.98	0.22	0.03	96.5	95.9						
	-40	0.02	0.12	0.54	1.70	3.46	5.61	7.83	9.57	10.3	10.3	9.65	7.95	5.81	3.70	1.97	0.76	0.18	0.03	79.6	78.8						
	-50	0.02	0.10	0.36	1.11	2.44	4.11	5.80	7.01	7.58	7.59	7.05	5.92	4.33	2.72	1.41	0.52	0.15	0.03	58.3	57.1						
	-60	0.01	0.08	0.23	0.61	1.42	2.49	3.60	4.37	4.72	4.76	4.51	3.84	2.78	1.71	0.85	0.33	0.12	0.03	36.4	34.6						
-70	0.01	0.06	0.15	0.31	0.65	1.16	1.70	2.06	2.21	2.26	2.19	1.90	1.38	0.83	0.42	0.21	0.10	0.02	17.6	13.1							
-80	0.01	0.04	0.09	0.18	0.31	0.48	0.63	0.70	0.72	0.74	0.75	0.70	0.55	0.38	0.23	0.14	0.07	0.02	6.75	0.00							
-90	0.01	0.03	0.05	0.09	0.15	0.22	0.27	0.27	0.25	0.26	0.29	0.30	0.26	0.19	0.12	0.08	0.05	0.02	2.88	0.00							
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t		0.30	1.92	8.64	24.9	48.7	77.2	105	126	137	137	127	108	81.1	52.4	27.8	11.1	2.95	0.53	1078							
Φ a		0.00	0.00	5.50	22.6	46.4	75.0	103	123	135	135	125	105	78.8	50.2	25.6	8.56	0.26	0.00		1040						

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:9.000 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: AMIGO

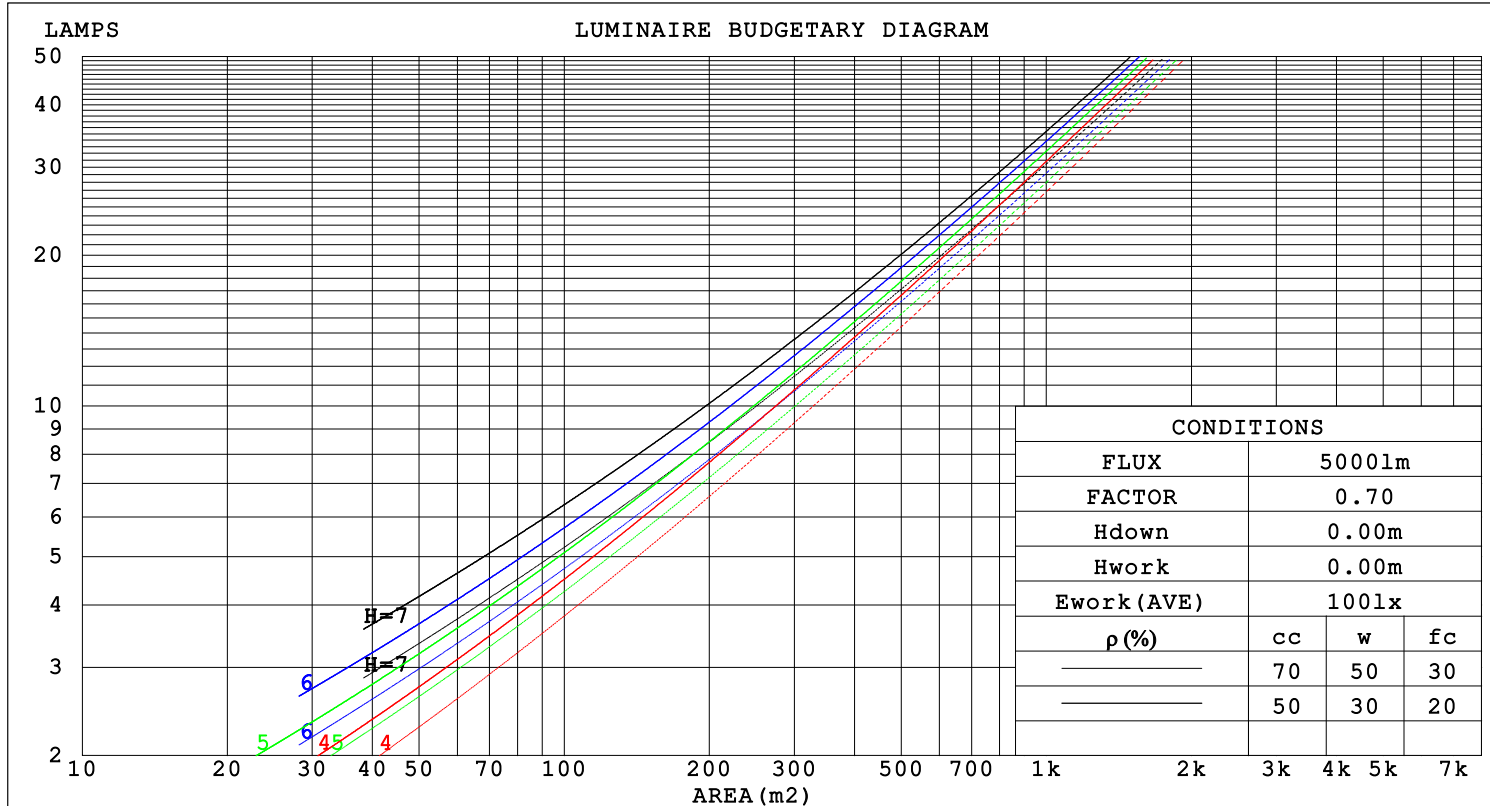
TYPE: 4000K CRI-90

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: 9.000 m
 Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: AMIGO								TYPE: 4000K 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:9.000 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: AMIGO					TYPE: 4000K 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	16.3	17.7	16.6	17.9	18.1	15.9	17.3	16.2	17.5	17.7
	3H	16.9	18.1	17.2	18.4	18.6	16.3	17.6	16.6	17.8	18.0
	4H	16.9	18.1	17.2	18.4	18.6	16.3	17.5	16.6	17.8	18.0
	6H	17.0	18.1	17.3	18.4	18.7	16.3	17.5	16.7	17.7	18.0
	8H	17.0	18.1	17.4	18.4	18.7	16.3	17.4	16.7	17.7	18.0
	12H	17.1	18.1	17.4	18.4	18.7	16.3	17.4	16.7	17.7	18.0
4H	2H	16.6	17.8	16.9	18.0	18.3	16.3	17.5	16.6	17.7	18.0
	3H	17.2	18.2	17.5	18.5	18.8	16.7	17.8	17.1	18.1	18.4
	4H	17.3	18.3	17.7	18.6	18.9	16.8	17.8	17.2	18.1	18.4
	6H	17.4	18.3	17.8	18.6	19.0	16.9	17.8	17.3	18.1	18.5
	8H	17.5	18.3	17.9	18.6	19.0	17.0	17.7	17.4	18.1	18.5
	12H	17.6	18.3	18.0	18.7	19.1	17.0	17.7	17.4	18.1	18.5
8H	4H	17.3	18.1	17.7	18.4	18.8	16.8	17.6	17.2	18.0	18.4
	6H	17.5	18.1	17.9	18.5	18.9	17.0	17.7	17.5	18.1	18.5
	8H	17.6	18.2	18.1	18.6	19.0	17.1	17.7	17.6	18.1	18.6
	12H	17.7	18.2	18.2	18.7	19.1	17.2	17.7	17.7	18.2	18.6
12H	4H	17.3	18.0	17.7	18.4	18.8	16.8	17.5	17.2	17.9	18.3
	6H	17.5	18.1	17.9	18.5	18.9	17.0	17.6	17.5	18.0	18.5
	8H	17.6	18.1	18.1	18.5	19.0	17.2	17.7	17.7	18.1	18.6
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		+ 0.9 / - 0.9					+ 0.8 / - 1.3				

CIE Pub.117 Corrected 1078 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

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:9.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

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

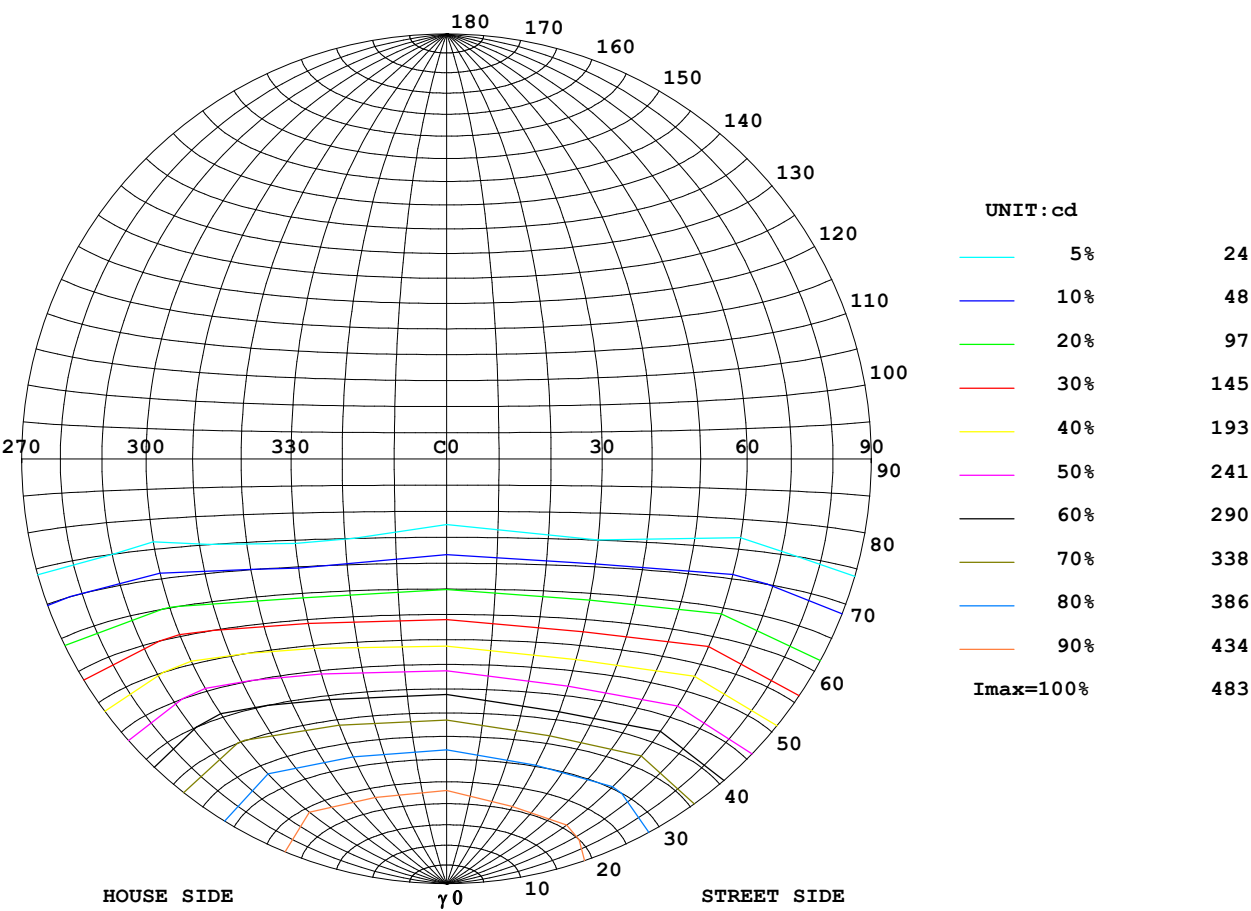
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

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

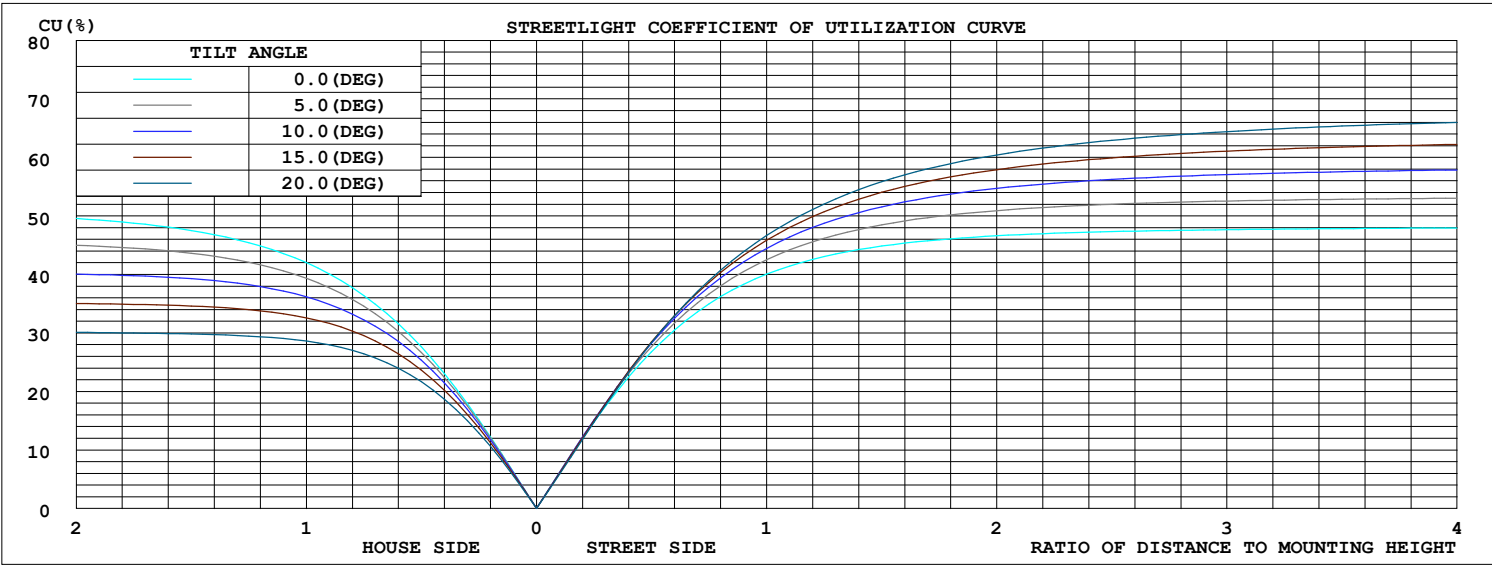
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 4.83 lx



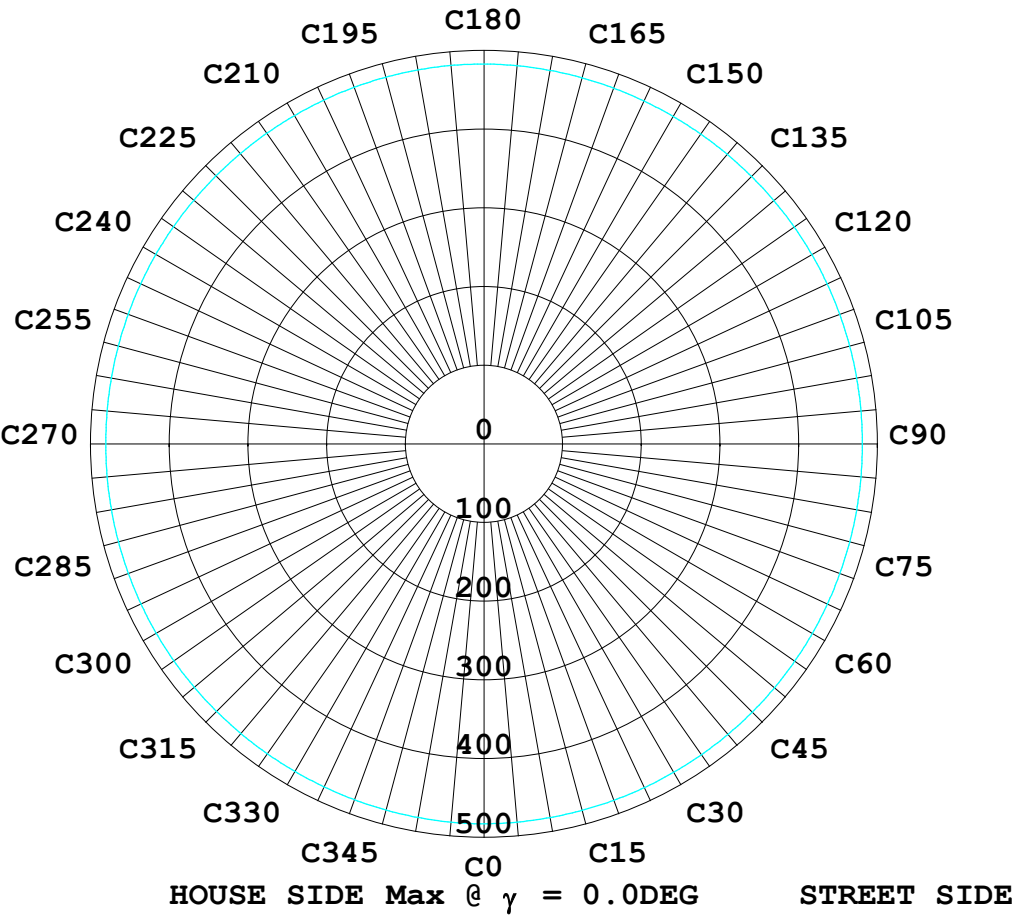
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K 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:9.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: AMIGO	TYPE: 4000K 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	483	482	482	481	481	481	483	482	482	481	481	481
5.0	481	478	478	476	477	476	479	480	479	481	480	480
10.0	475	469	469	465	468	466	471	474	474	476	475	475
15.0	464	456	456	450	454	451	458	463	462	468	463	465
20.0	448	438	438	430	436	432	438	446	445	451	447	450
25.0	426	415	416	406	413	407	414	424	423	431	425	430
30.0	400	388	388	377	384	377	383	397	396	406	399	404
35.0	367	354	356	345	352	340	345	362	362	375	367	372
40.0	325	305	314	297	311	293	298	322	325	338	329	333
45.0	279	259	259	251	259	247	252	278	274	296	282	288
50.0	228	213	219	204	215	202	207	227	227	246	235	235
55.0	180	167	173	155	166	156	164	182	179	198	187	187
60.0	135	125	129	109	119	111	119	137	132	148	137	139
65.0	95.3	86.5	87.8	71.1	78.1	69.5	74.0	93.3	87.0	97.1	87.7	95.9
70.0	57.6	51.2	51.7	39.6	45.5	35.8	35.7	53.4	46.8	53.2	45.9	59.2
75.0	29.2	24.1	27.7	20.0	24.4	17.4	18.3	24.3	19.4	26.3	20.8	30.2
80.0	18.8	14.0	18.2	12.9	16.6	11.0	11.4	15.3	11.6	17.1	12.6	18.0
85.0	11.9	8.26	11.8	7.45	10.3	5.58	6.07	8.74	5.67	10.1	6.64	11.0
90.0	6.39	4.13	6.23	3.24	5.26	2.43	3.80	4.21	1.70	4.05	2.18	5.34

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:9.000 m
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