

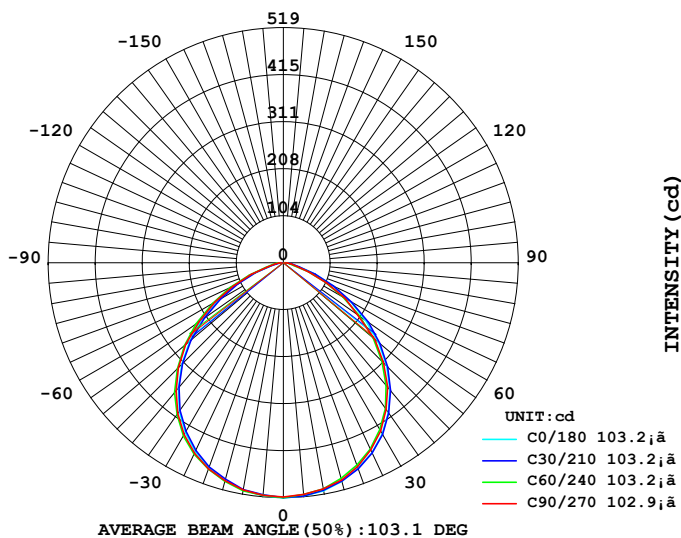
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

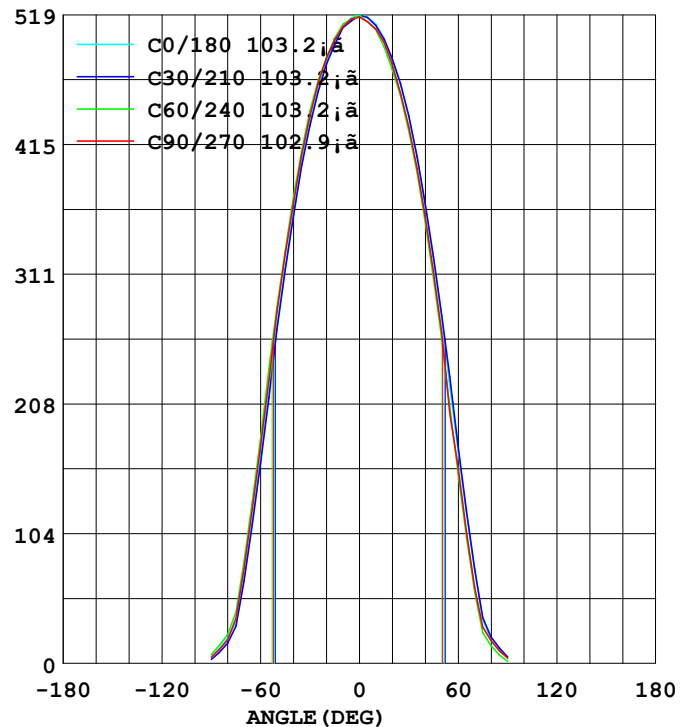
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: AMIGO	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	519.1	S/MH (C0/180)	1.24
MODEL	AMIGO	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.26
NOMINAL POWER (W)	15	TOTAL FLUX (lm)	1263.3	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	82.0	Current (A)	0.072
NOMINAL FLUX (lm)	1263.4	η up (%)	0.0	Power (W)	15.41
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	1225.5	EEI	0.170

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.000 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 350 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

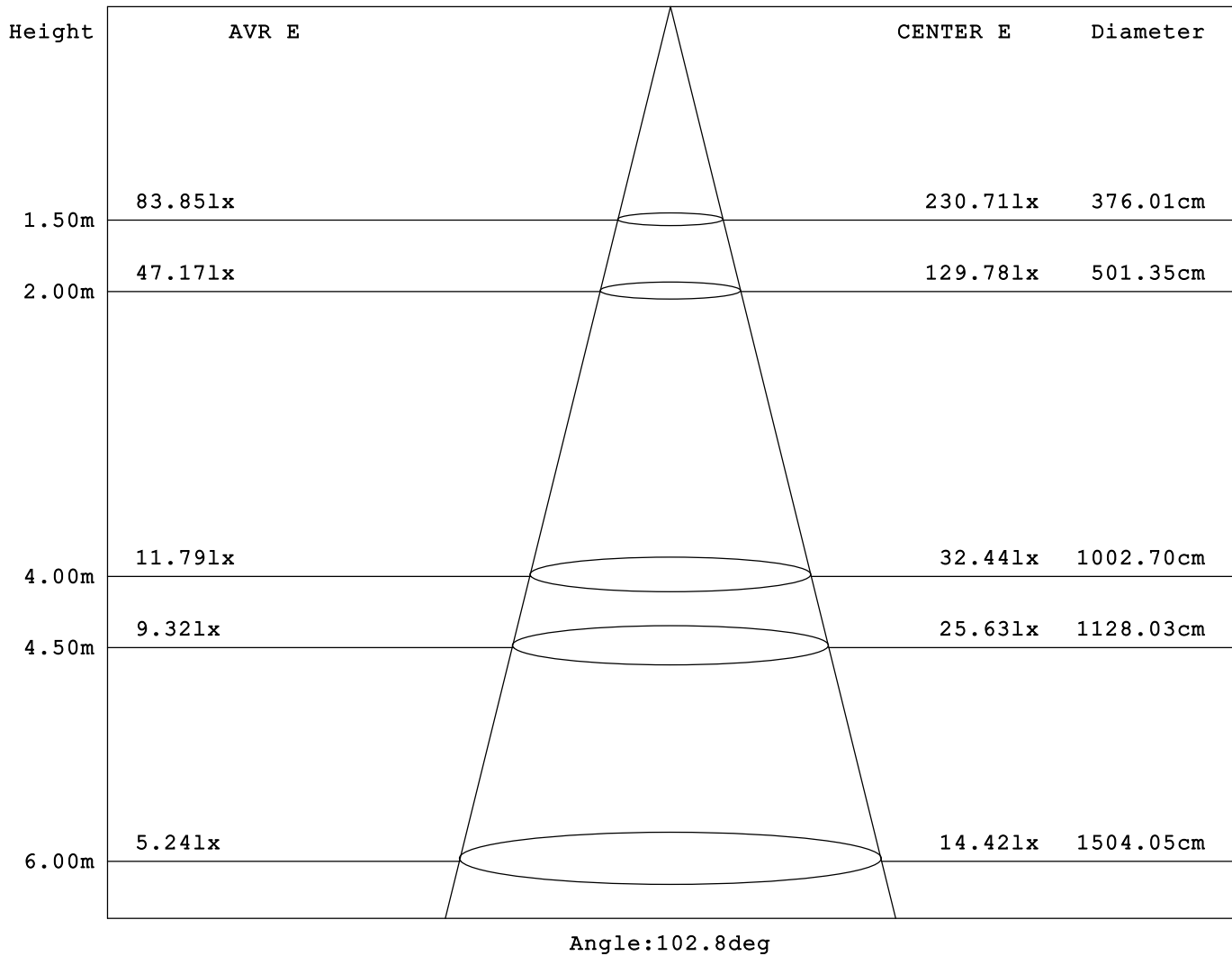
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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 350 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:8.000 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 350 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	510.0	510.1	509.5	510.4	511.4	508.7	507.6	505.7	0- 10	48.99	48.99
20.0	481.4	482.4	484.7	485.4	483.0	479.7	479.4	476.3	10- 20	140.3	189.3
30.0	433.2	436.1	438.0	440.0	437.1	432.2	429.4	426.5	20- 30	212.0	401.3
40.0	360.6	366.3	368.8	372.0	366.5	361.1	358.2	353.0	30- 40	250.5	651.9
50.0	270.7	276.3	281.2	284.3	275.6	269.1	264.5	264.0	40- 50	246.3	898.3
60.0	165.2	170.4	174.5	178.9	170.7	163.2	157.4	152.9	50- 60	196.4	1095
70.0	67.83	73.34	75.71	80.09	74.04	66.36	60.54	57.50	60- 70	115.5	1210
80.0	20.41	19.80	18.75	21.56	18.36	17.60	18.24	15.96	70- 80	40.77	1251
90.0	5.312	5.184	4.928	6.240	5.504	3.392	4.160	2.976	80- 90	12.29	1263
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

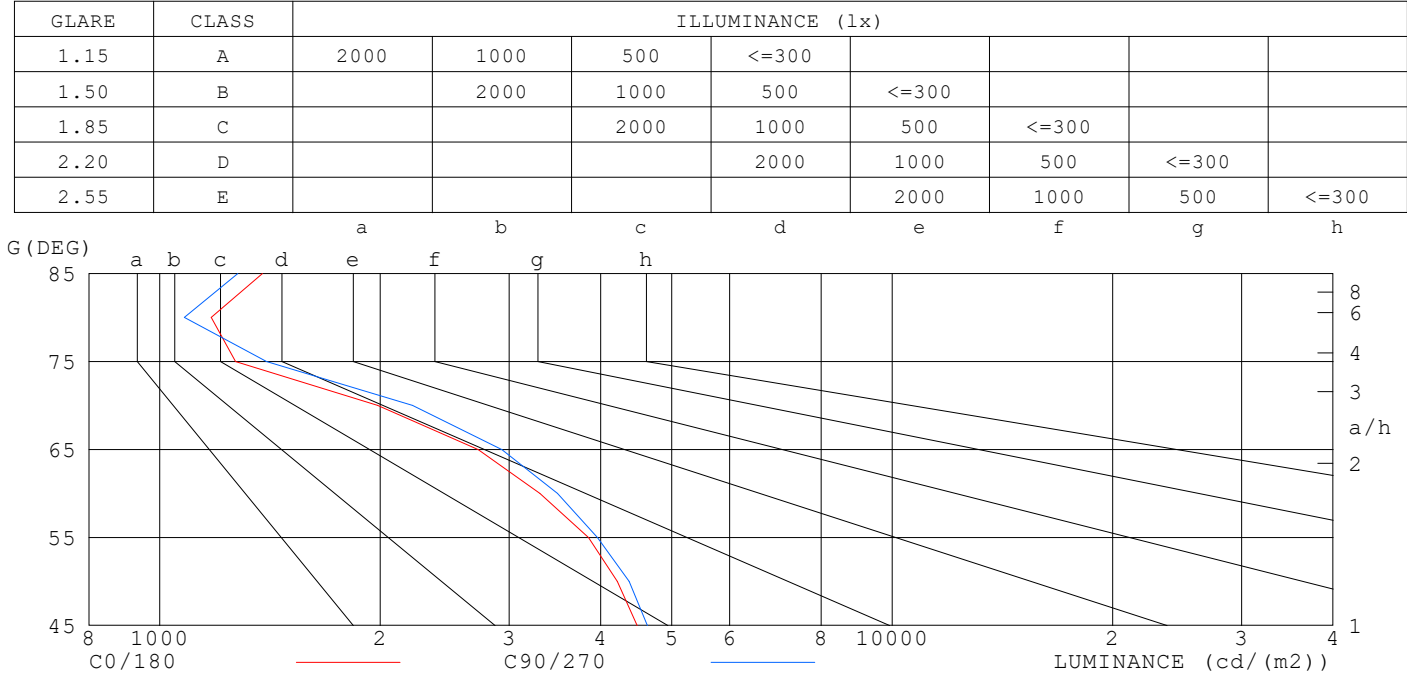
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

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 350 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1381	1278
80	1176	1080
75	1269	1400
70	1984	2214
65	2721	2932
60	3305	3491
55	3850	3960
50	4213	4375
45	4487	4634

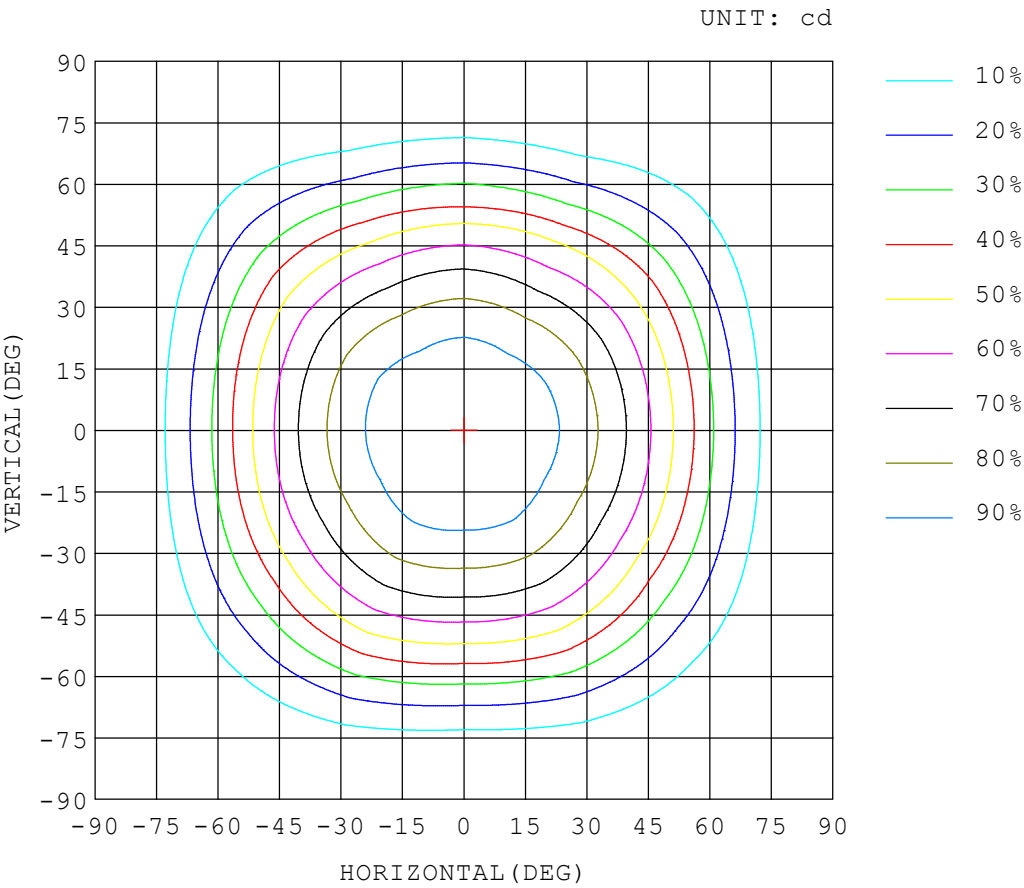
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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 350 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



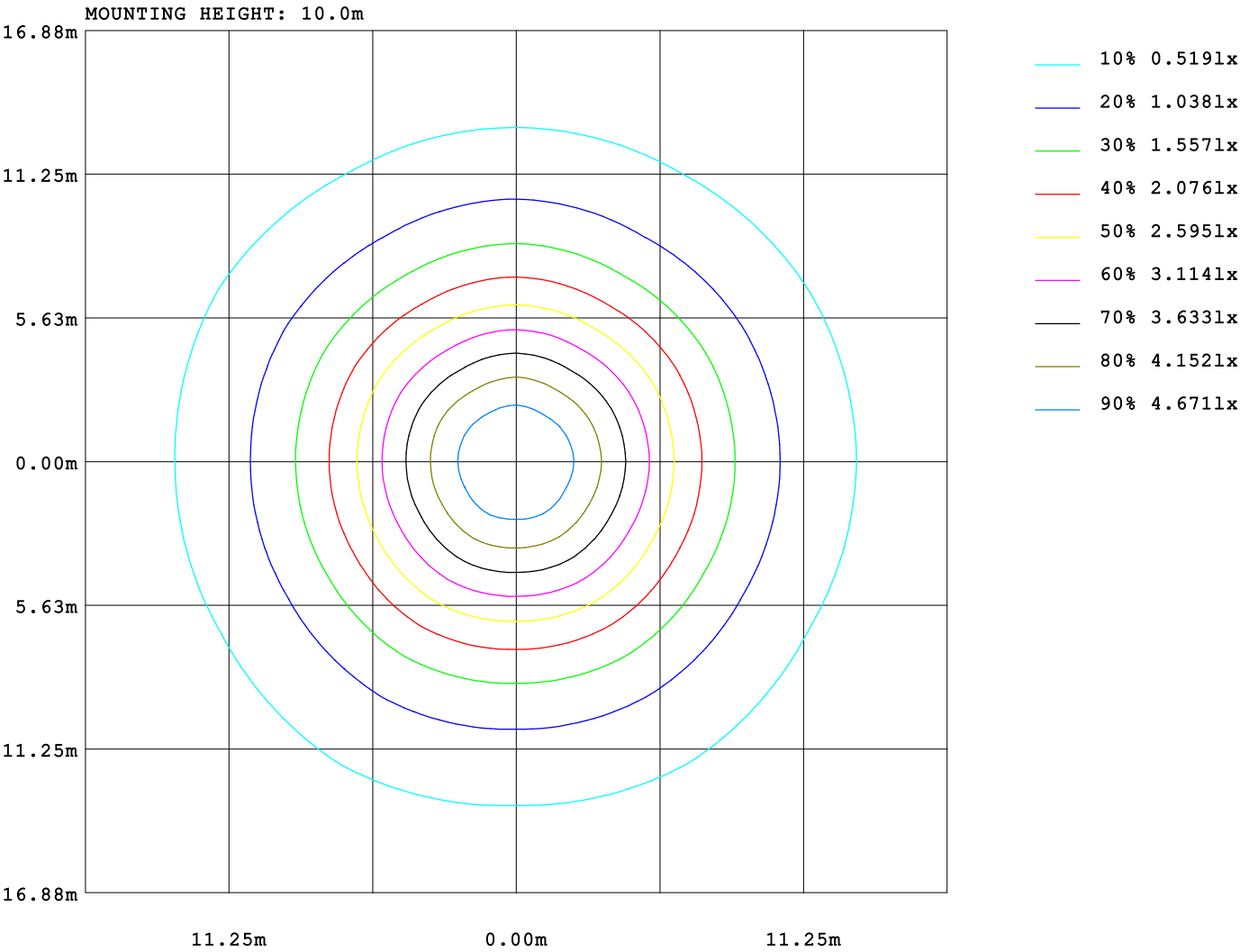
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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 350 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:8.000 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 350 MA										DIMENSION: OUTER-154 CUTOUT-130 H-56					SERIAL No.:				

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.05	0.10	0.15	0.17	0.18	0.20	0.26	0.31	0.30	0.25	0.18	0.15	0.15	0.13	0.09	0.05	0.02	2.76	0.00		
80	0.02	0.08	0.19	0.31	0.43	0.53	0.68	0.87	1.00	0.99	0.83	0.62	0.47	0.38	0.28	0.17	0.08	0.02	7.95	0.40		
70	0.02	0.11	0.29	0.60	1.07	1.64	2.23	2.82	3.18	3.14	2.70	2.04	1.46	0.93	0.52	0.26	0.11	0.02	23.1	19.0		
60	0.03	0.14	0.46	1.22	2.29	3.48	4.61	5.60	6.17	6.13	5.47	4.39	3.24	2.07	1.05	0.40	0.14	0.03	46.9	45.4		
50	0.03	0.18	0.73	1.97	3.68	5.50	7.14	8.52	9.35	9.31	8.44	7.02	5.28	3.43	1.78	0.64	0.18	0.03	73.2	72.3		
40	0.03	0.23	1.03	2.69	4.98	7.29	9.34	10.9	11.8	11.7	10.7	9.13	7.09	4.75	2.51	0.93	0.21	0.03	95.5	94.9		
30	0.03	0.28	1.29	3.28	5.94	8.69	11.0	12.7	13.6	13.6	12.5	10.8	8.46	5.75	3.14	1.19	0.26	0.04	113	112		
VERTICAL (DEG)	0.04	0.32	1.48	3.69	6.58	9.58	12.1	13.9	14.8	14.8	13.8	12.0	9.39	6.42	3.59	1.39	0.30	0.04	124	124		
	0.04	0.34	1.58	3.89	6.91	10.0	12.6	14.5	15.5	15.4	14.4	12.5	9.86	6.77	3.82	1.50	0.32	0.04	130	130		
	0.04	0.34	1.57	3.88	6.90	9.98	12.6	14.5	15.5	15.5	14.4	12.5	9.86	6.77	3.81	1.50	0.32	0.04	130	130		
	0.03	0.32	1.47	3.66	6.55	9.53	12.1	14.0	15.0	15.0	13.9	12.0	9.39	6.41	3.56	1.39	0.30	0.04	125	125		
-30	0.03	0.28	1.28	3.23	5.88	8.68	11.2	13.1	14.0	13.9	13.0	11.1	8.50	5.71	3.11	1.19	0.26	0.04	115	114		
-40	0.03	0.22	1.02	2.65	4.90	7.48	9.82	11.5	12.2	12.2	11.4	9.66	7.28	4.71	2.50	0.94	0.21	0.03	98.9	98.2		
-50	0.03	0.18	0.71	1.94	3.74	5.88	7.91	9.27	9.88	9.84	9.14	7.72	5.69	3.55	1.79	0.64	0.17	0.03	78.1	77.2		
-60	0.03	0.13	0.44	1.20	2.48	4.02	5.53	6.49	6.91	6.87	6.37	5.34	3.83	2.31	1.08	0.39	0.13	0.03	53.6	52.2		
-70	0.02	0.10	0.26	0.61	1.26	2.17	3.04	3.58	3.80	3.76	3.48	2.89	2.02	1.14	0.53	0.24	0.10	0.02	29.0	26.3		
-80	0.02	0.07	0.16	0.30	0.53	0.83	1.11	1.25	1.29	1.27	1.20	1.03	0.76	0.48	0.27	0.15	0.07	0.02	10.8	2.99		
-90	0.02	0.05	0.09	0.15	0.24	0.34	0.40	0.40	0.37	0.36	0.38	0.37	0.31	0.21	0.13	0.08	0.05	0.01	3.97	0.00		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	0.49	3.43	14.2	35.4	64.6	95.8	124	145	155	154	143	122	93.1	61.9	33.6	13.1	3.25	0.52	1263			
Φ a	0.00	0.73	11.7	33.2	62.4	93.6	122	142	153	152	141	119	90.9	59.7	31.3	10.5	0.46	0.00		1225		

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:8.000 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

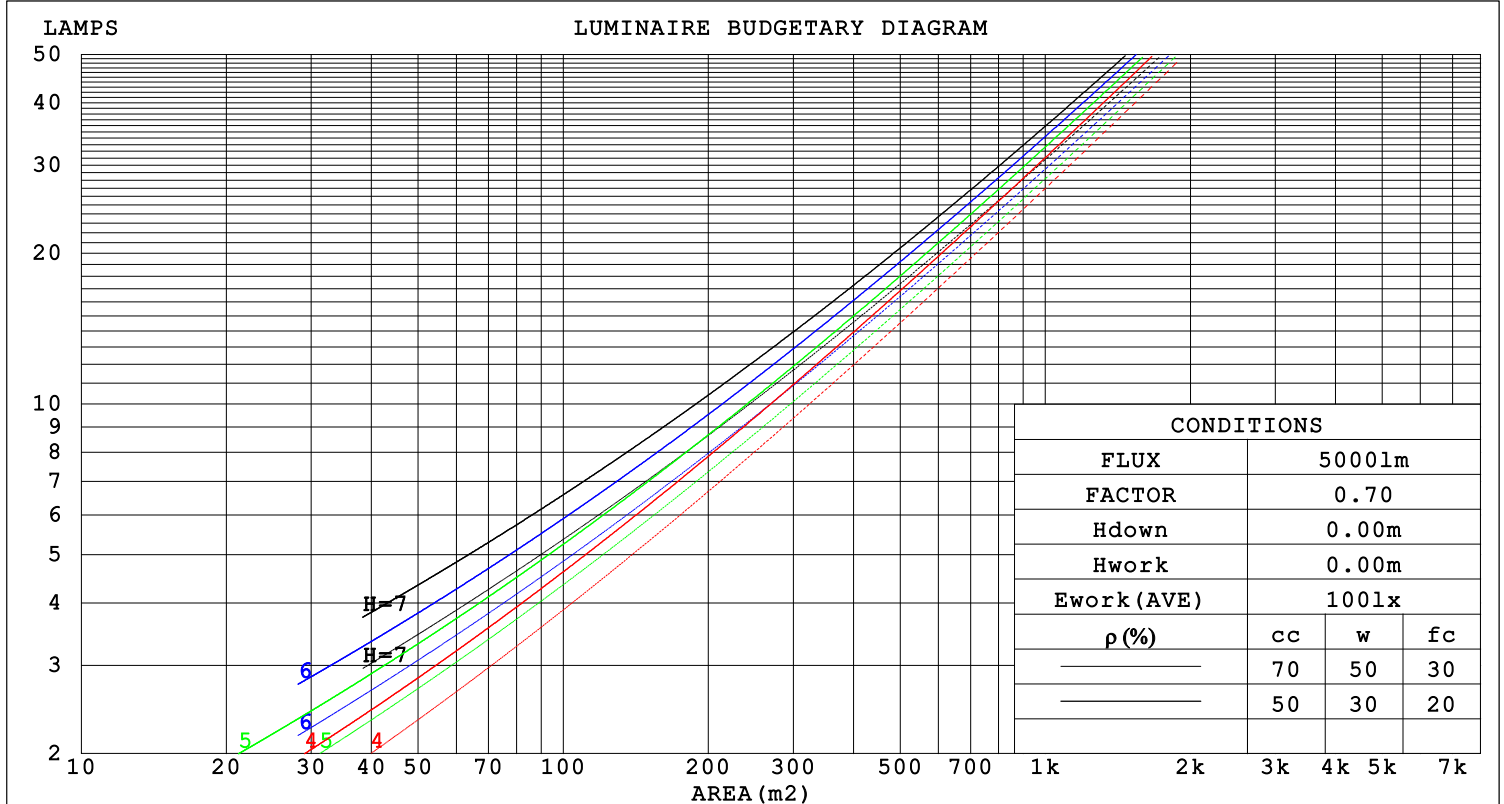
TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 350 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															



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

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 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 350 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	.271	.154	.049	.264	.151	.048	.251	.144	.046	.239	.138	.044	.228	.132	.043															
2.0	.261	.143	.044	.255	.140	.043	.244	.135	.042	.233	.131	.041	.223	.126	.040															
3.0	.246	.131	.039	.241	.129	.039	.231	.125	.038	.221	.121	.037	.213	.118	.036															
4.0	.230	.120	.035	.226	.118	.035	.217	.115	.034	.208	.112	.034	.201	.109	.033															
5.0	.215	.110	.032	.211	.108	.032	.203	.106	.031	.196	.103	.031	.189	.101	.030															
6.0	.201	.101	.029	.198	.100	.029	.191	.098	.028	.184	.096	.028	.178	.094	.028															
7.0	.189	.093	.026	.186	.092	.026	.179	.091	.026	.173	.089	.026	.168	.087	.026															
8.0	.177	.087	.024	.174	.086	.024	.169	.084	.024	.164	.083	.024	.159	.081	.024															
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.155	.077	.022	.150	.076	.022															
10.0	.158	.076	.021	.155	.075	.021	.151	.074	.021	.146	.073	.021	.142	.072	.021															

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	.178	.156	.137	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.078	.137	.098	.067	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.082	.041	.119	.071	.036	.082	.049	.025	.048	.029	.015	.015	.010	.005	
7.0	.132	.075	.035	.113	.065	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.126	.069	.030	.108	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.072	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.099	.052	.020	.068	.036	.014	.040	.022	.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:8.000 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 350 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	17.2	18.6	17.5	18.8	19.0	17.6	19.1	17.9	19.3	19.5
	3H	17.7	19.0	18.0	19.3	19.5	18.3	19.6	18.6	19.8	20.1
	4H	17.8	19.0	18.1	19.3	19.5	18.4	19.6	18.7	19.9	20.1
	6H	17.8	19.0	18.1	19.2	19.5	18.4	19.5	18.7	19.8	20.1
	8H	17.8	18.9	18.2	19.2	19.5	18.4	19.5	18.7	19.8	20.1
	12H	17.8	18.9	18.2	19.2	19.5	18.4	19.5	18.7	19.7	20.0
4H	2H	17.6	18.8	17.9	19.1	19.3	18.0	19.2	18.3	19.4	19.7
	3H	18.2	19.3	18.5	19.5	19.8	18.7	19.8	19.1	20.1	20.4
	4H	18.3	19.3	18.6	19.6	19.9	18.9	19.8	19.2	20.2	20.5
	6H	18.4	19.2	18.8	19.6	19.9	18.9	19.8	19.3	20.1	20.5
	8H	18.4	19.2	18.8	19.6	19.9	19.0	19.8	19.4	20.1	20.5
	12H	18.4	19.2	18.9	19.6	20.0	19.0	19.7	19.4	20.1	20.5
8H	4H	18.3	19.1	18.7	19.4	19.8	18.8	19.6	19.3	20.0	20.4
	6H	18.4	19.1	18.9	19.5	19.9	19.0	19.7	19.4	20.1	20.5
	8H	18.5	19.1	19.0	19.5	19.9	19.1	19.7	19.6	20.1	20.5
	12H	18.6	19.1	19.1	19.5	20.0	19.2	19.7	19.7	20.1	20.6
12H	4H	18.3	19.0	18.7	19.4	19.8	18.8	19.5	19.2	19.9	20.3
	6H	18.4	19.0	18.9	19.4	19.9	19.0	19.6	19.4	20.0	20.4
	8H	18.5	19.0	19.0	19.5	19.9	19.1	19.6	19.6	20.1	20.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.3				
1.5H		+ 0.3 / - 0.4					+ 0.4 / - 0.5				
2.0H		+ 0.8 / - 0.8					+ 0.7 / - 0.7				

CIE Pub.117 Corrected 1263 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

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:8.000 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 350 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	61	50	44	60	50	43	59	49	43	37
0.80	72	61	54	71	60	54	69	60	53	47
1.00	80	70	63	79	69	63	77	71	62	56
1.25	87	78	71	86	77	71	83	76	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	91	85	96	89	84	93	87	83	75
2.50	102	95	89	100	93	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	90	83
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNOM = 1.25		

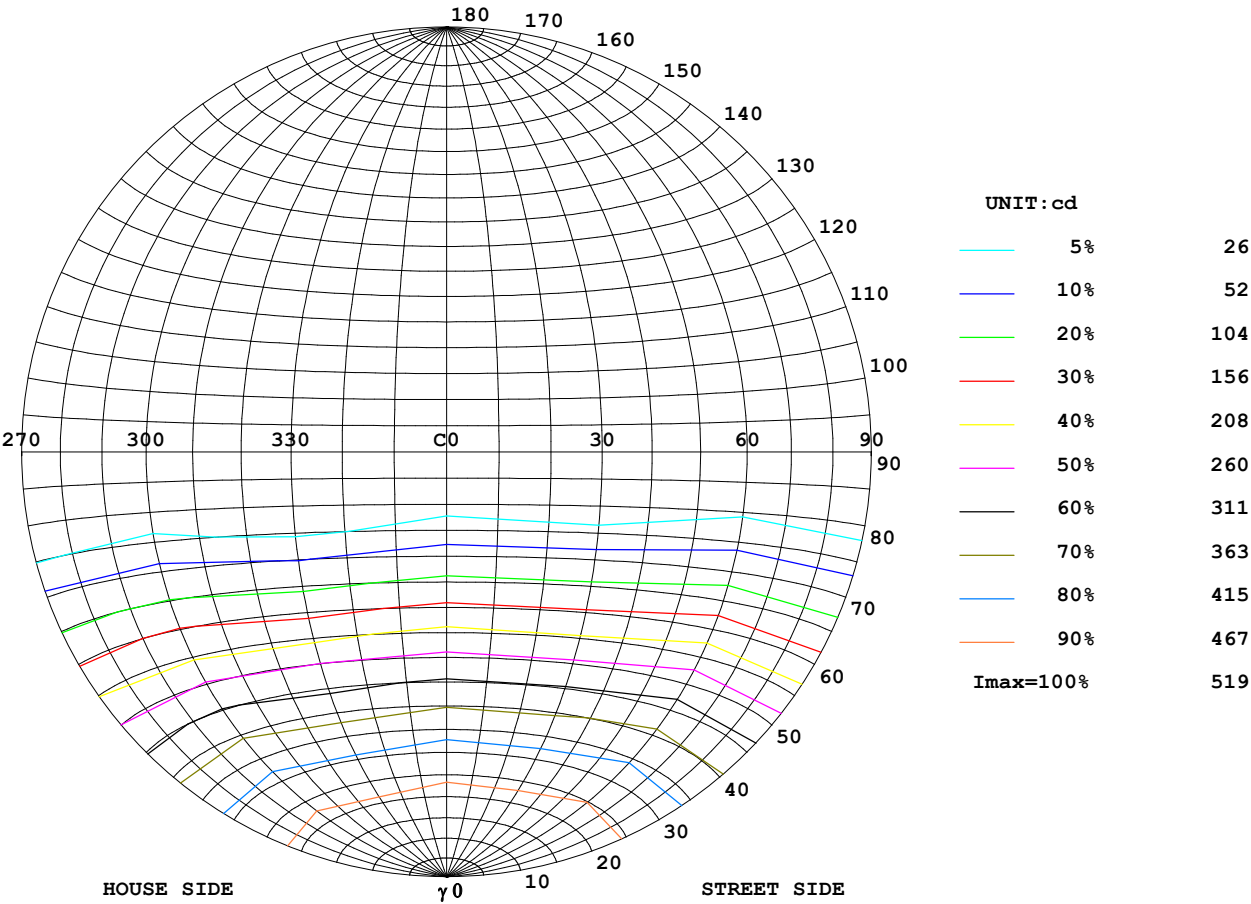
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 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 350 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:



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

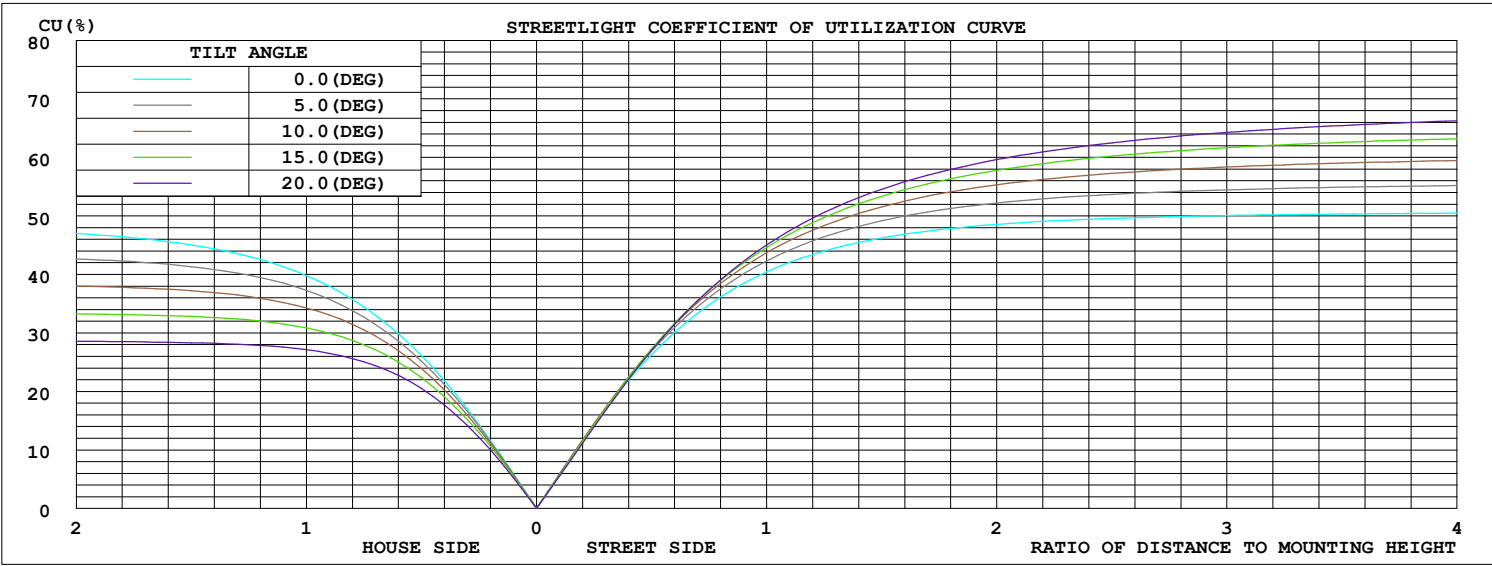
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

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 350 MA	DIMENSION: OUTER-154 CUTOUT-130 H-56	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 5.19 lx



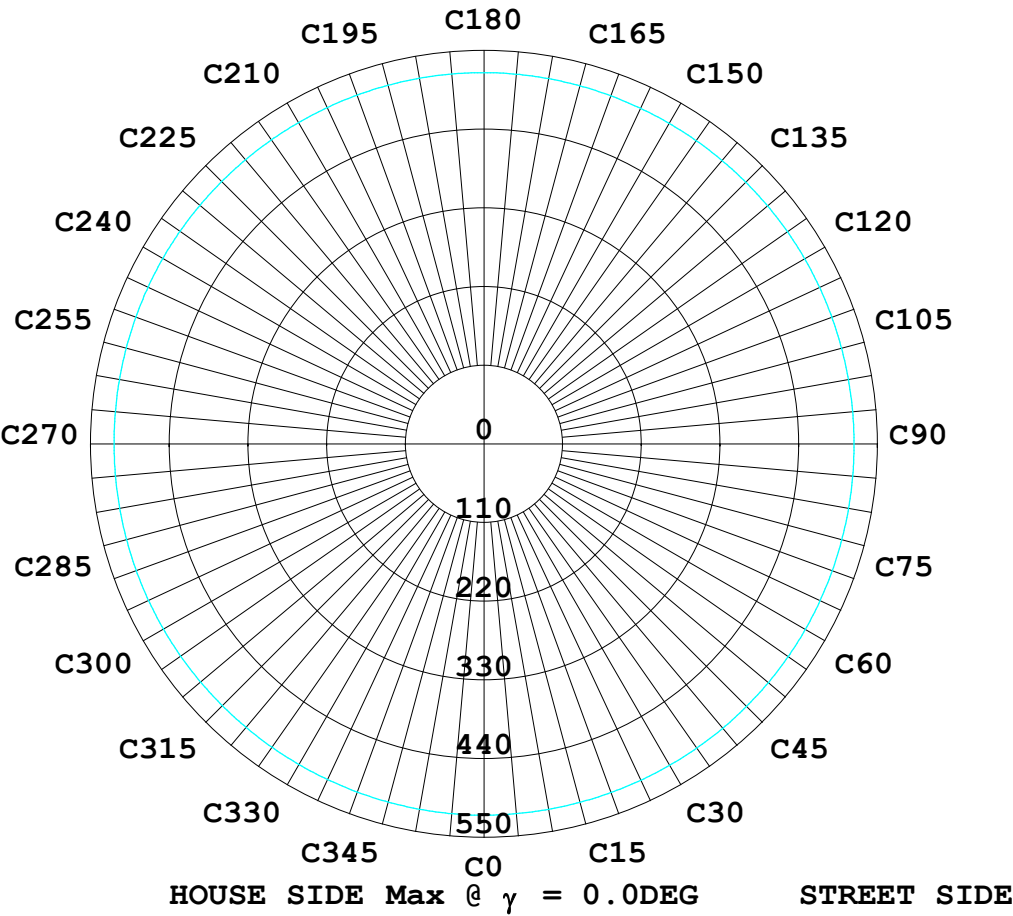
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-09-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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 350 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:8.000 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 350 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	519	519	519	517	518	518	519	519	519	517	518	518
5.0	517	514	516	516	517	515	517	517	513	514	513	514
10.0	510	509	512	510	512	509	511	510	507	508	504	508
15.0	498	495	500	499	502	499	500	499	493	497	491	496
20.0	481	480	485	485	489	482	483	484	475	479	473	479
25.0	460	458	467	465	469	461	463	464	454	456	451	458
30.0	433	430	442	438	444	436	437	438	426	429	422	431
35.0	400	398	410	407	415	403	405	406	393	396	386	398
40.0	361	359	374	369	378	366	367	369	354	358	347	359
45.0	317	315	331	328	337	322	323	326	308	313	302	316
50.0	271	267	285	281	292	276	276	279	260	265	260	268
55.0	221	213	236	227	243	222	222	230	205	201	197	218
60.0	165	161	180	175	188	170	171	174	152	157	144	162
65.0	115	111	130	124	136	121	120	123	102	106	93.5	111
70.0	67.8	65.5	81.0	75.7	86.8	73.3	74.0	75.3	57.3	60.5	50.4	64.5
75.0	32.8	29.7	41.1	36.2	45.1	35.2	35.5	36.8	24.8	29.0	22.0	30.8
80.0	20.4	16.3	23.2	18.7	24.7	18.3	18.3	21.0	14.1	18.2	12.9	19.0
85.0	12.0	8.96	14.5	11.1	15.8	10.5	10.6	12.5	6.91	10.1	5.88	10.8
90.0	5.31	3.32	7.04	4.92	8.00	4.48	5.50	4.99	1.79	4.16	1.72	4.22

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:8.000 m
Remarks: 3000K