

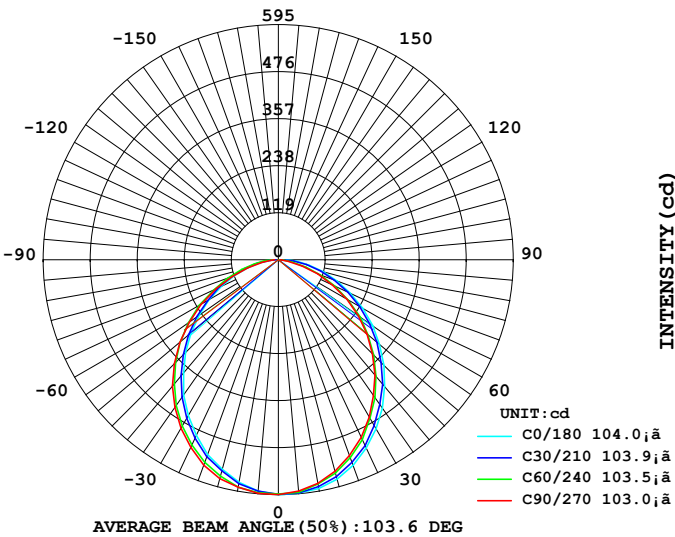
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

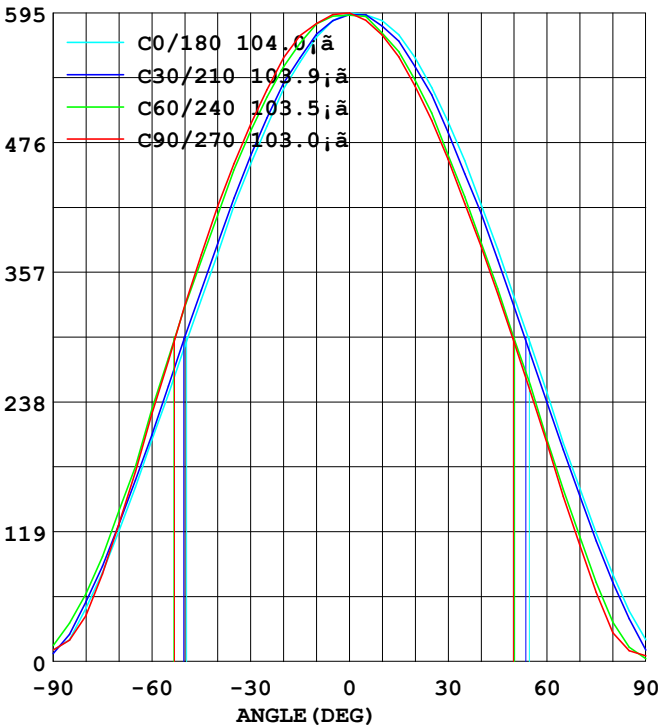
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	595.6	S/MH (C0/180)	1.15
MODEL	AMIGO DL	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.24
NOMINAL POWER (W)	15	TOTAL FLUX (lm)	1534.5	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	102.1	Current (A)	0.068
NOMINAL FLUX (lm)	1534.5	η up (%)	0.0	Power (W)	15.03
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	1502.2	EEI	0.136

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 12-09-2024

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 7.500 m
Remarks: 4K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:

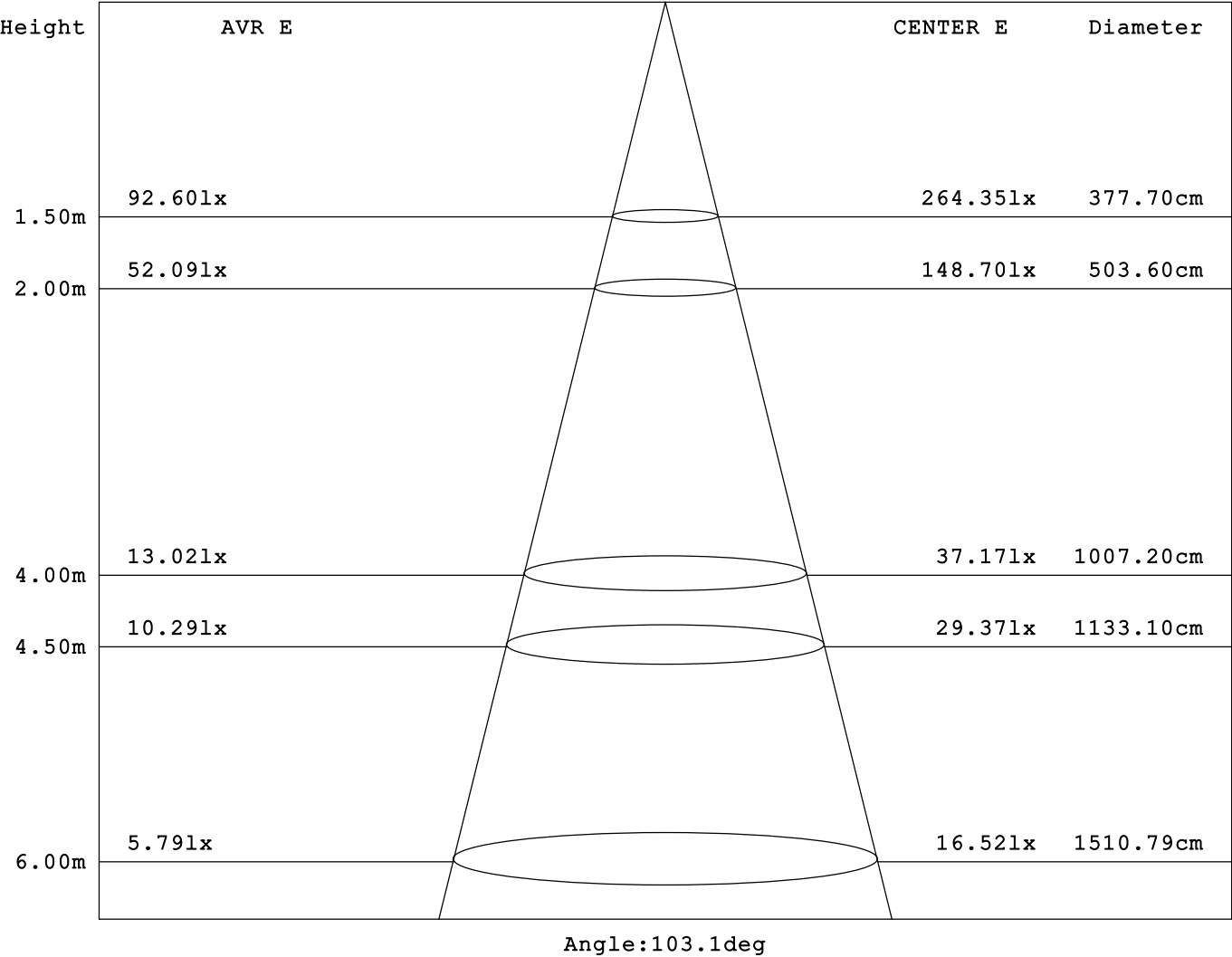
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	572.5	579.9	585.0	588.9	587.5	579.4	574.5	570.7	0- 10	56.02	56.02
20.0	525.1	537.8	553.5	556.7	553.6	539.2	527.4	520.3	10- 20	158.5	214.5
30.0	456.1	475.0	492.4	499.6	495.0	474.7	460.5	450.0	20- 30	234.4	449.0
40.0	373.7	396.0	417.3	425.9	419.1	397.7	380.6	368.8	30- 40	273.8	722.8
50.0	288.9	311.1	326.1	342.2	334.2	310.8	293.0	281.7	40- 50	273.9	996.7
60.0	202.7	219.2	226.6	249.2	246.7	220.6	200.1	191.6	50- 60	237.8	1235
70.0	119.2	131.5	125.7	156.8	158.6	132.9	106.2	105.6	60- 70	172.5	1407
80.0	48.54	58.07	41.73	75.37	79.59	54.14	26.26	34.59	70- 80	95.48	1503
90.0	10.29	10.85	10.29	21.17	19.79	6.525	5.006	4.078	80- 90	31.92	1535
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:12-09-2024

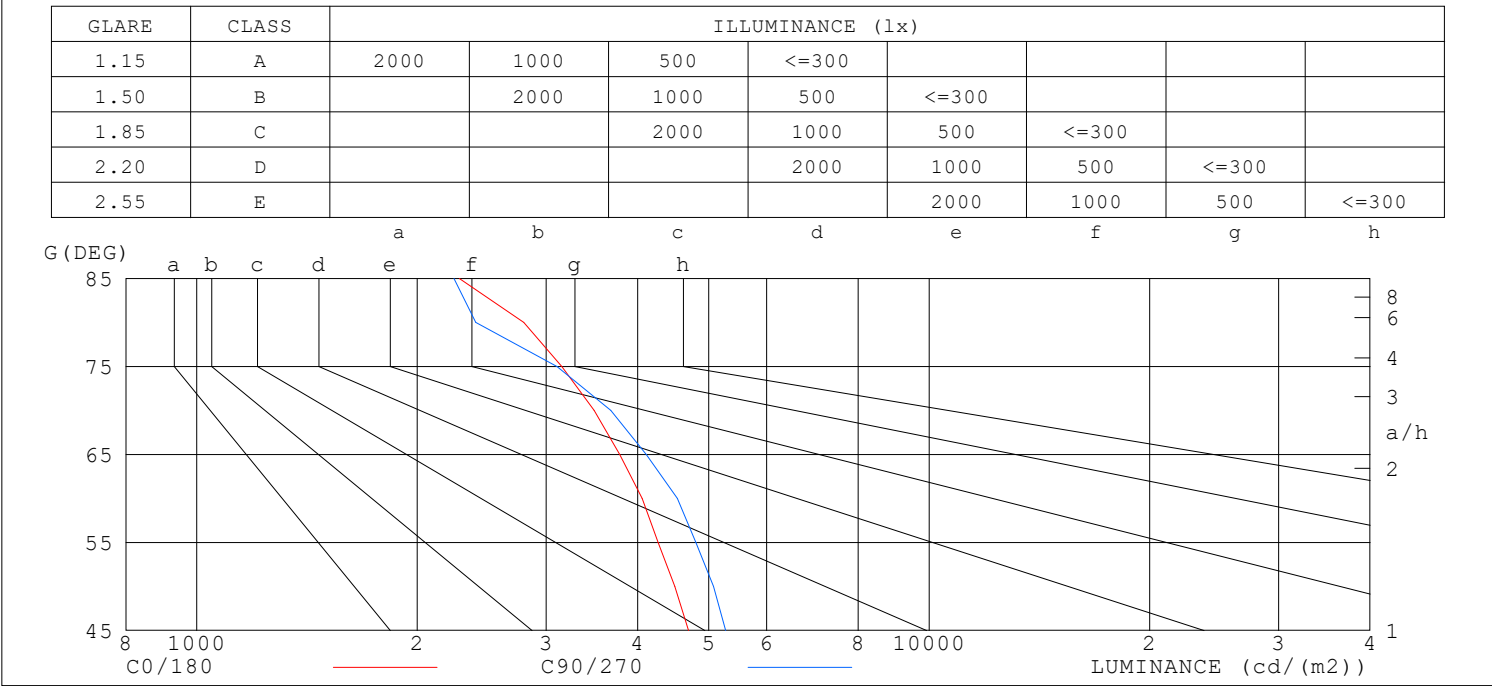
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	2285	2246
80	2796	2404
75	3151	3104
70	3487	3676
65	3781	4111
60	4056	4533
55	4267	4802
50	4495	5075
45	4694	5276

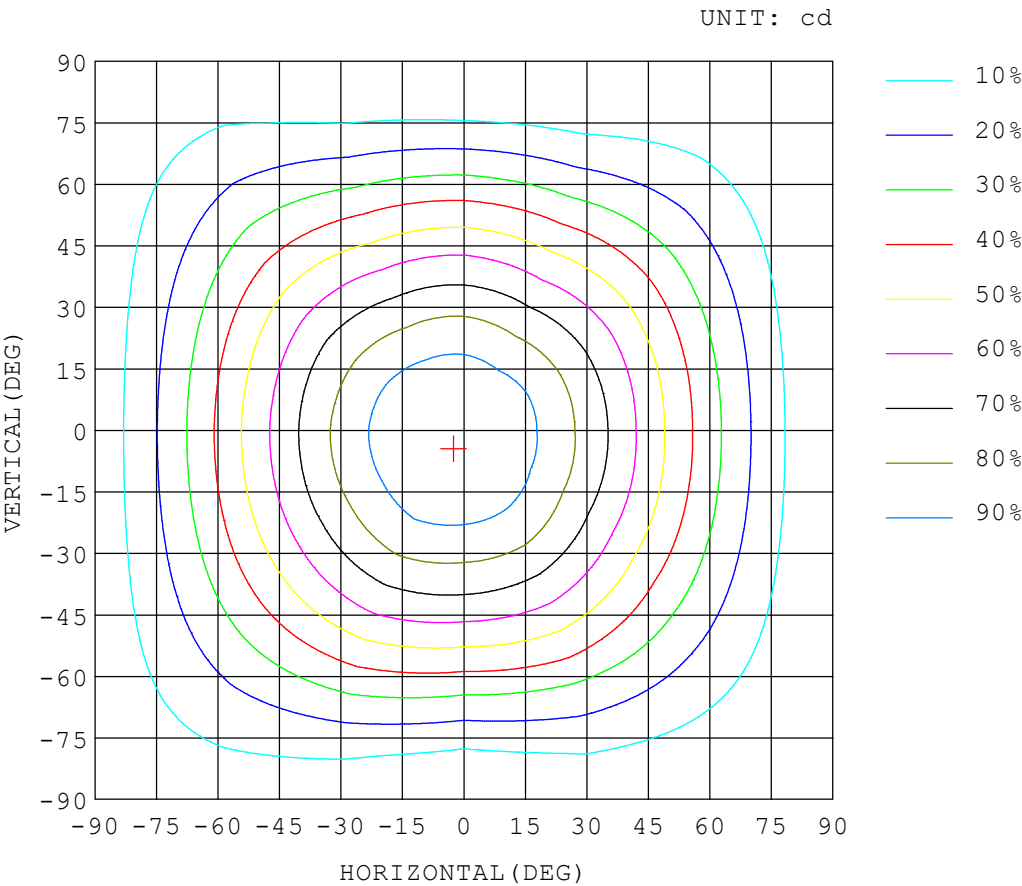
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:



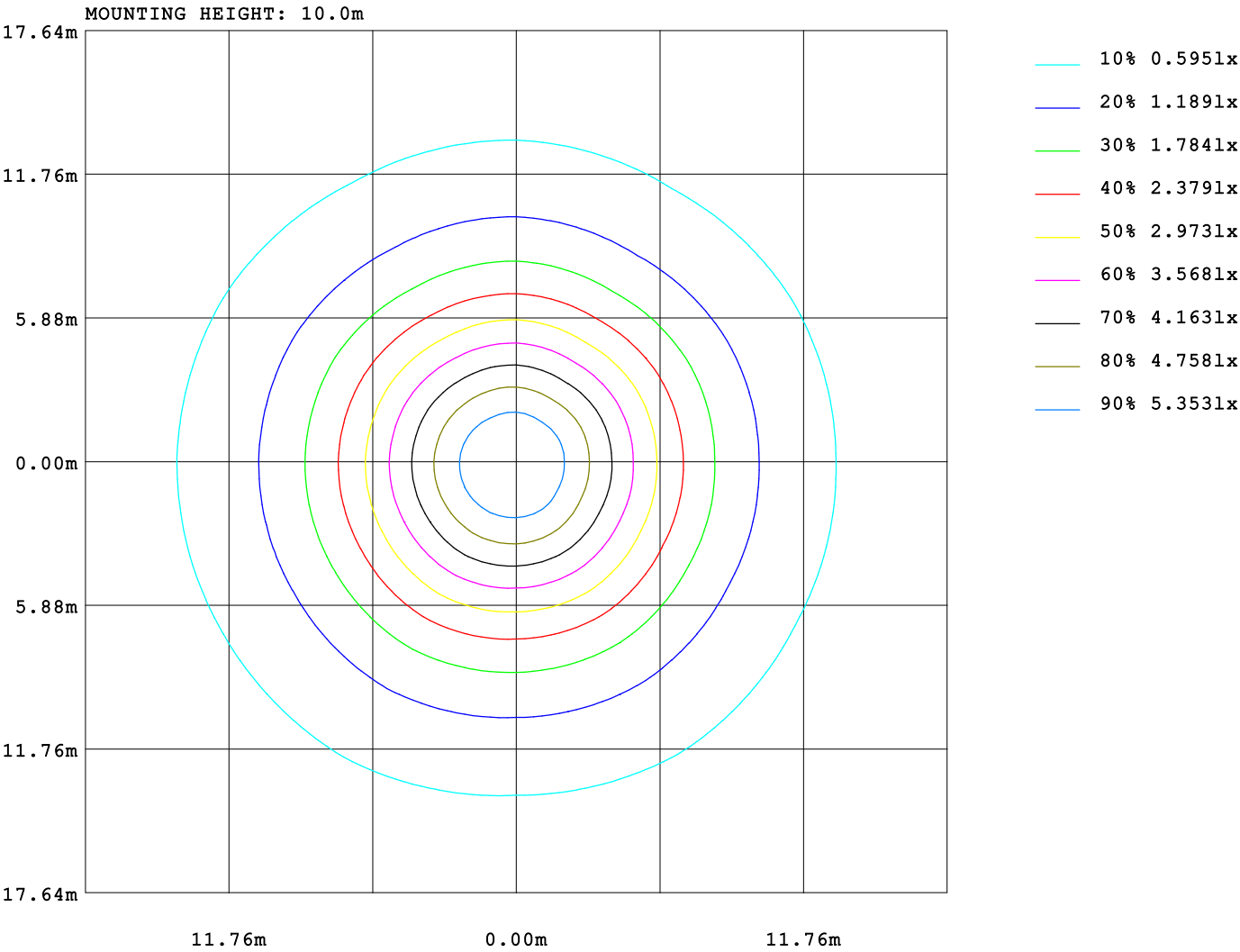
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019																			
NAME: AMIGO DL										TYPE: 4K CRI-90					WEIGHT:				
SPECIFICATION:										DIMENSION: D-154 CUTOUT-130 H-56MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a								
	0.06	0.18	0.31	0.42	0.45	0.41	0.38	0.41	0.40	0.37	0.31	0.24	0.21	0.20	0.18	0.13	0.08	0.03	4.75	0.00										
90																														
80	0.07	0.29	0.64	1.01	1.30	1.49	1.68	1.91	1.98	1.90	1.68	1.34	1.08	0.85	0.58	0.31	0.13	0.03	18.3	9.53										
70	0.09	0.42	1.00	1.74	2.47	3.14	3.74	4.32	4.61	4.50	4.00	3.26	2.57	1.88	1.21	0.62	0.21	0.04	39.8	38.4										
60	0.10	0.54	1.36	2.52	3.73	4.92	6.00	6.96	7.45	7.32	6.58	5.44	4.27	3.05	1.91	0.95	0.31	0.05	63.5	62.8										
50	0.12	0.66	1.72	3.25	4.99	6.73	8.23	9.47	10.1	10.0	9.03	7.60	6.00	4.24	2.59	1.27	0.42	0.05	86.6	86.1										
40	0.13	0.77	2.04	3.90	6.13	8.35	10.3	11.8	12.6	12.5	11.3	9.60	7.54	5.33	3.21	1.56	0.51	0.06	108	107										
30	0.14	0.86	2.30	4.44	7.03	9.75	12.1	13.9	14.9	14.7	13.3	11.3	8.87	6.18	3.73	1.80	0.59	0.07	126	126										
	0.15	0.92	2.49	4.83	7.68	10.7	13.5	15.6	16.6	16.4	15.0	12.7	9.80	6.79	4.09	1.98	0.65	0.08	140	140										
	0.15	0.96	2.60	5.06	8.05	11.2	14.3	16.6	17.7	17.5	15.9	13.4	10.3	7.10	4.27	2.07	0.68	0.08	148	148										
	0.15	0.96	2.61	5.08	8.09	11.3	14.4	16.7	17.8	17.6	16.0	13.4	10.3	7.13	4.29	2.08	0.68	0.08	149	149										
	0.15	0.93	2.52	4.90	7.80	10.9	13.8	16.1	17.2	17.0	15.5	12.9	9.95	6.88	4.13	2.01	0.66	0.08	144	144										
-30	0.14	0.87	2.35	4.54	7.22	10.0	12.8	14.9	15.8	15.6	14.3	12.0	9.14	6.33	3.80	1.85	0.61	0.07	133	132										
-40	0.13	0.79	2.10	4.03	6.38	8.92	11.3	13.0	13.8	13.6	12.5	10.5	8.08	5.53	3.32	1.62	0.54	0.07	117	116										
-50	0.12	0.69	1.80	3.40	5.35	7.45	9.43	10.7	11.3	11.1	10.3	8.79	6.70	4.56	2.74	1.34	0.45	0.06	96.5	96.1										
-60	0.11	0.58	1.45	2.69	4.17	5.75	7.19	8.09	8.43	8.31	7.75	6.65	5.07	3.48	2.10	1.03	0.35	0.05	73.3	72.7										
-70	0.09	0.46	1.09	1.95	2.91	3.93	4.82	5.30	5.41	5.29	4.98	4.34	3.40	2.36	1.43	0.72	0.25	0.04	48.8	47.8										
-80	0.08	0.33	0.74	1.24	1.74	2.21	2.55	2.68	2.60	2.54	2.52	2.33	1.89	1.33	0.82	0.41	0.16	0.04	26.2	22.0										
-90	0.06	0.22	0.43	0.64	0.82	0.97	1.01	0.93	0.79	0.76	0.85	0.88	0.76	0.54	0.33	0.19	0.10	0.03	10.3	0.00										
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)														20	30	40	50	60	70	80	90
Φ t	2.04	11.4	29.6	55.7	86.3	118	148	170	180	178	162	137	106	73.8	44.8	21.9	7.35	1.01	1535											
Φ a	0.60	9.71	27.9	54.0	84.5	117	146	168	178	175	160	135	104	71.8	42.8	19.9	4.67	0.00			1502									

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

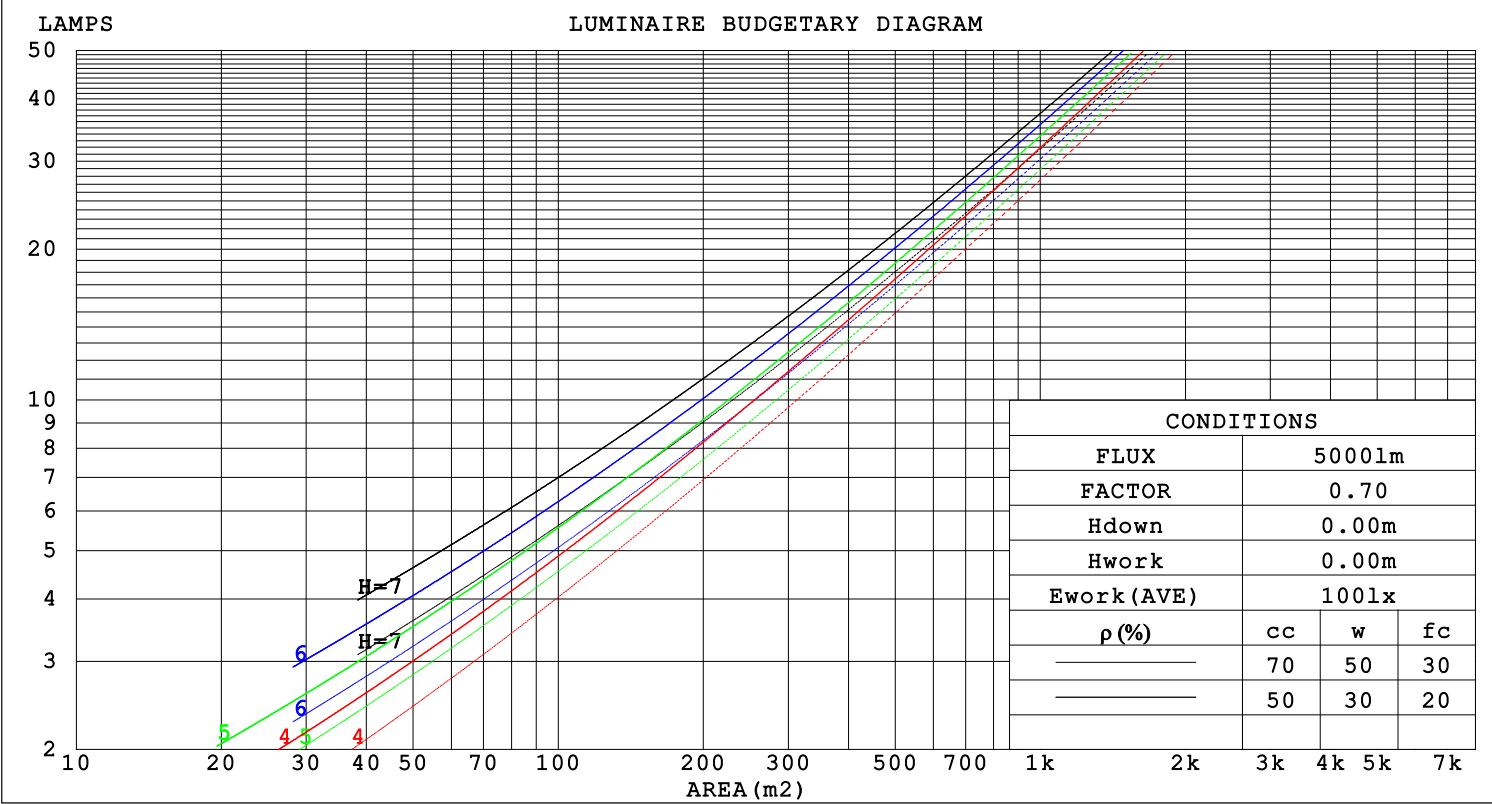
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019															
NAME: AMIGO DL								TYPE: 4K CRI-90				WEIGHT:			
SPECIFICATION:								DIMENSION: D-154 CUTOUT-130 H-56MM				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
ffc	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	1.04	.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.71
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.68	.63	.70	.66	.62	.60
4.0	.71	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.53	.51
5.0	.64	.55	.49	.63	.54	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.48	.42	.55	.47	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.52	.44	.38	.52	.43	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.39	.34	.47	.39	.34	.46	.39	.33	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019

NAME: AMIGO DL

TYPE: 4K CRI-90

WEIGHT:

SPECIFICATION:

DIMENSION: D-154 CUTOUT-130 H-56MM

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	.303	.172	.055	.296	.169	.054	.283	.162	.052	.271	.156	.050	.260	.150	.049	
2.0	.285	.156	.048	.279	.153	.047	.267	.148	.046	.256	.144	.045	.246	.139	.044	
3.0	.264	.140	.042	.258	.138	.042	.248	.134	.041	.239	.131	.040	.230	.127	.039	
4.0	.244	.127	.037	.239	.125	.037	.230	.122	.036	.221	.119	.036	.214	.116	.035	
5.0	.226	.115	.033	.222	.114	.033	.213	.111	.033	.206	.109	.032	.199	.106	.032	
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029	
7.0	.195	.097	.027	.192	.096	.027	.186	.094	.027	.180	.092	.027	.174	.090	.027	
8.0	.183	.089	.025	.180	.089	.025	.174	.087	.025	.169	.085	.025	.164	.084	.024	
9.0	.171	.083	.023	.169	.082	.023	.164	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.161	.077	.021	.159	.077	.021	.154	.076	.021	.150	.074	.021	.146	.073	.021	

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	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.085	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.075	.140	.099	.065	.096	.068	.046	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.133	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.084	.050	.024	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.500 m
 Remarks: 4K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	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	17.6	19.1	17.9	19.3	19.5	18.3	19.7	18.5	19.9	20.1
3H	18.9	20.3	19.2	20.5	20.8	19.5	20.9	19.8	21.1	21.4
4H	19.4	20.7	19.7	21.0	21.2	19.9	21.2	20.2	21.5	21.7
6H	19.8	21.0	20.1	21.3	21.5	20.1	21.4	20.5	21.6	21.9
8H	19.8	21.0	20.1	21.3	21.6	20.2	21.4	20.5	21.6	21.9
12H	19.8	21.0	20.2	21.3	21.6	20.2	21.3	20.5	21.6	21.9
4H 2H	18.3	19.6	18.6	19.8	20.1	18.7	20.1	19.1	20.3	20.6
3H	19.7	20.9	20.1	21.2	21.5	20.2	21.4	20.6	21.7	22.0
4H	20.4	21.4	20.7	21.7	22.1	20.8	21.8	21.2	22.1	22.5
6H	20.8	21.7	21.2	22.1	22.4	21.1	22.1	21.5	22.4	22.8
8H	20.9	21.7	21.3	22.1	22.5	21.2	22.1	21.6	22.4	22.8
12H	20.9	21.7	21.4	22.1	22.5	21.3	22.1	21.7	22.5	22.9
8H 4H	20.6	21.5	21.0	21.9	22.3	21.0	21.9	21.4	22.2	22.6
6H	21.2	21.9	21.7	22.3	22.8	21.5	22.3	22.0	22.7	23.1
8H	21.4	22.0	21.8	22.4	22.9	21.7	22.4	22.2	22.8	23.3
12H	21.5	22.0	22.0	22.5	23.0	21.9	22.5	22.4	22.9	23.4
12H 4H	20.7	21.5	21.1	21.8	22.2	21.0	21.8	21.4	22.2	22.6
6H	21.3	21.9	21.7	22.3	22.8	21.6	22.2	22.1	22.7	23.1
8H	21.5	22.0	21.9	22.5	22.9	21.9	22.4	22.3	22.8	23.3

Variations with the observer position at spacings:

S = 1.0H	+ 0.2 / - 0.2	+ 0.1 / - 0.2
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.4
2.0H	+ 0.3 / - 0.4	+ 0.3 / - 0.5

CIE Pub.117 Corrected 1535 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.5)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	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	59	48	41	58	47	41	57	47	40	34
0.80	69	58	50	68	57	50	66	56	50	43
1.00	77	66	59	76	66	59	74	67	59	52
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	87	79	72	84	77	71	64
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	92	84
5.00	109	104	100	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

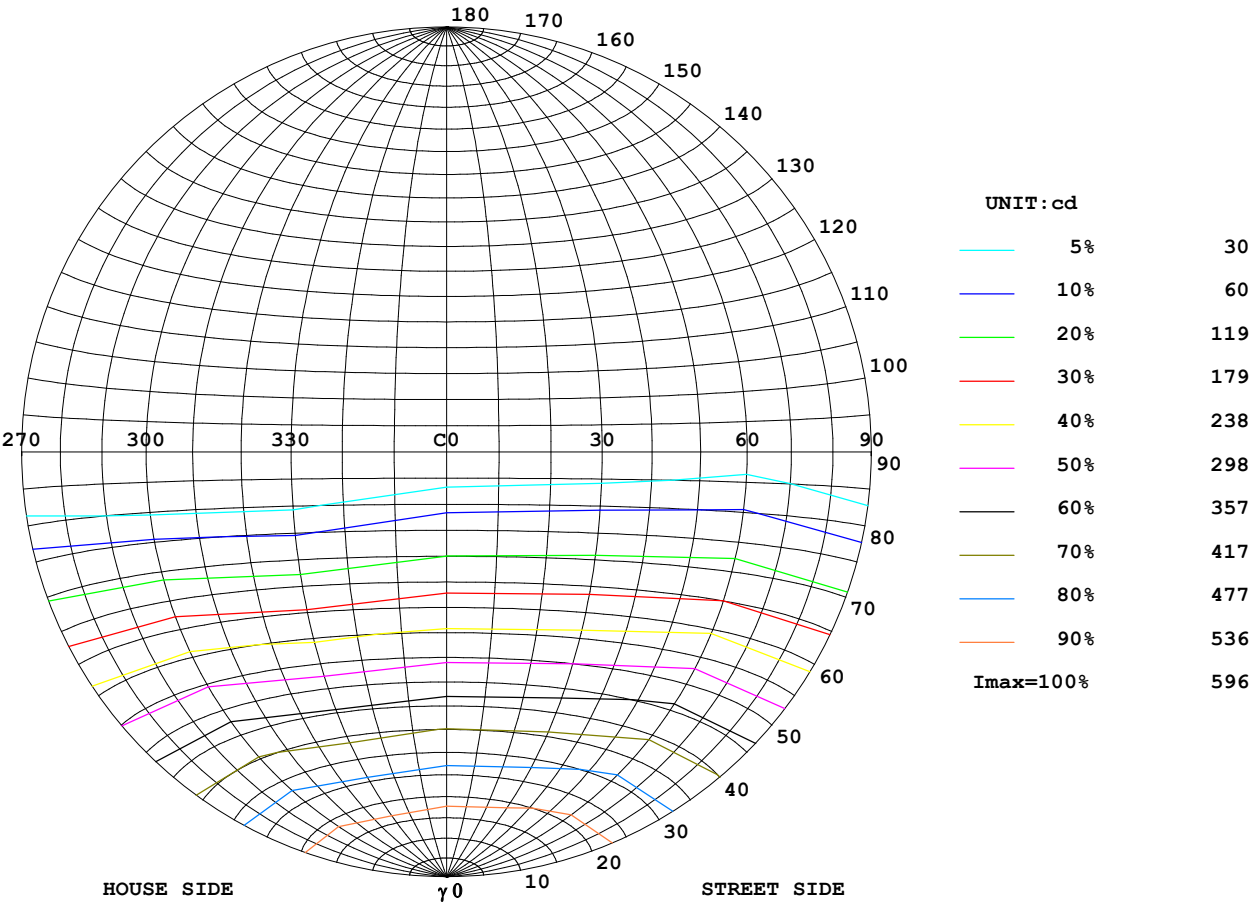
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 12-09-2024

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 m
 Remarks: 4K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

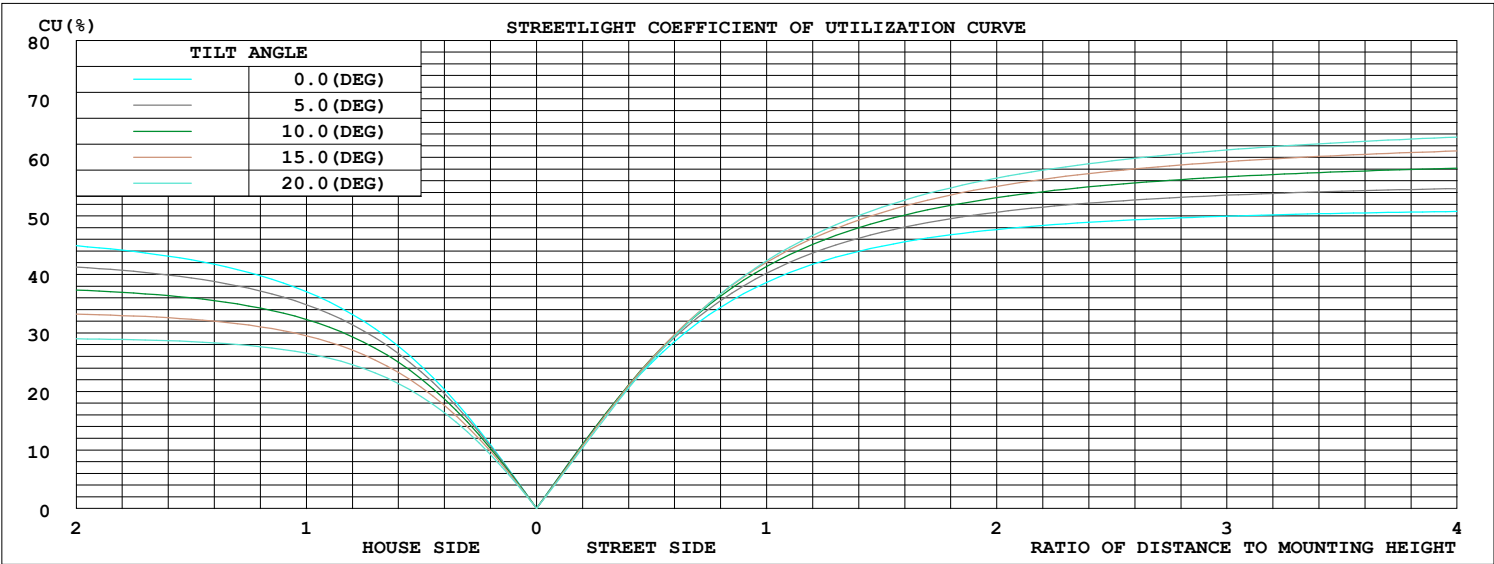
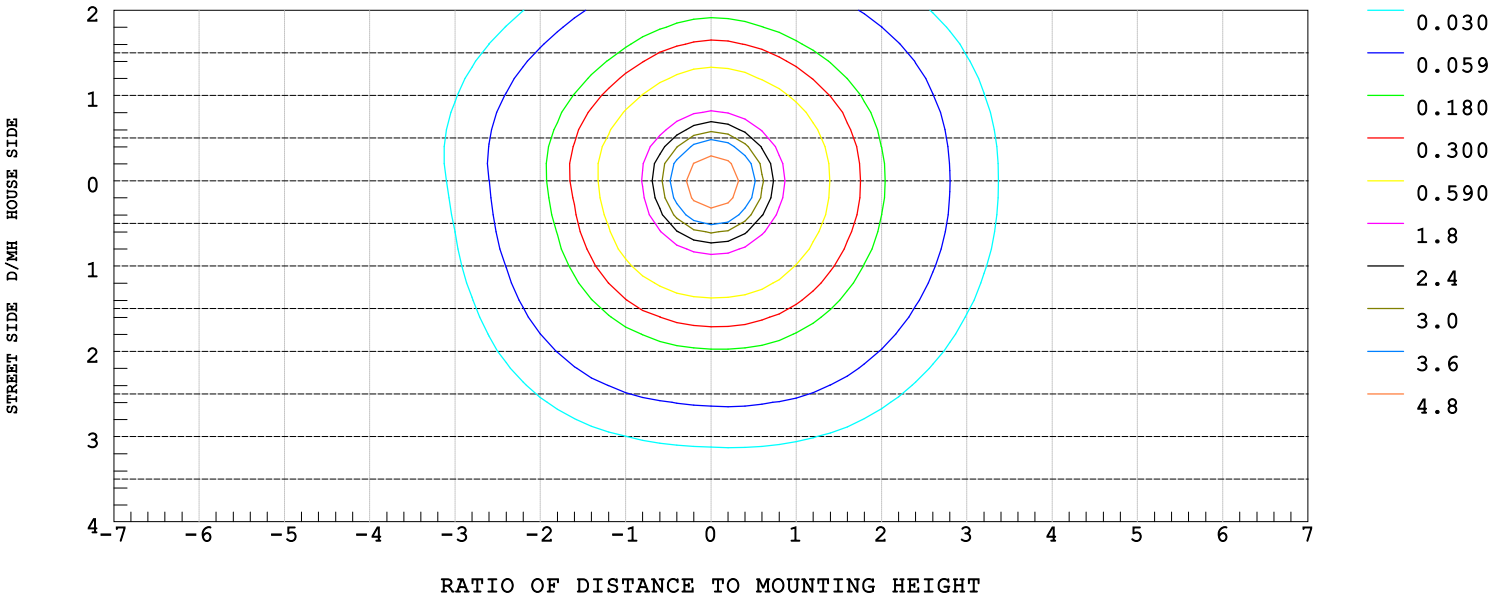
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 5.95 lx



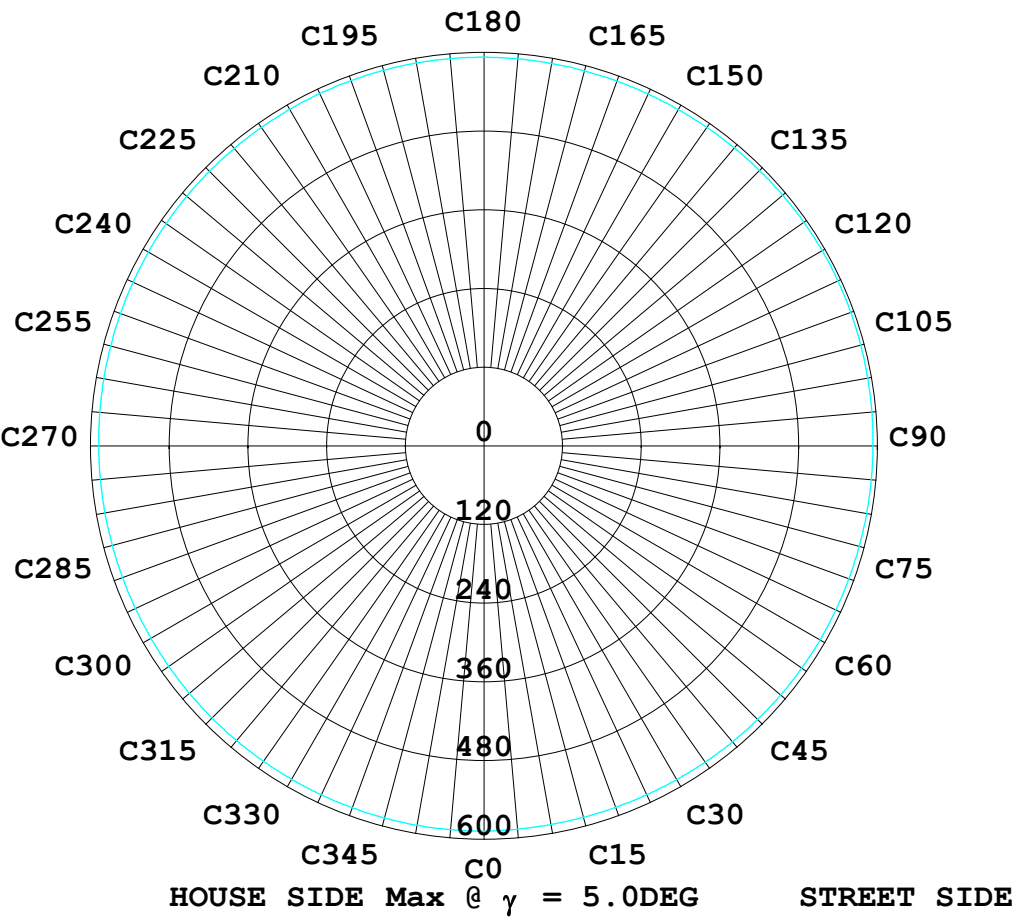
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: AMIGO DL	TYPE: 4K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-154 CUTOUT-130 H-56MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	595	593	593	595	592	593	595	593	593	595	592	593
5.0	587	588	592	593	596	592	593	593	591	588	587	587
10.0	573	575	585	585	589	589	588	583	576	575	570	572
15.0	549	553	567	574	575	577	575	569	559	554	546	550
20.0	525	530	545	554	558	556	554	545	533	527	517	524
25.0	491	498	517	524	534	526	526	520	503	496	484	490
30.0	456	464	486	492	502	497	495	485	464	461	446	455
35.0	418	425	451	456	471	460	459	447	426	420	406	416
40.0	374	383	409	417	430	422	419	411	384	381	363	375
45.0	332	341	368	373	389	379	378	368	342	337	320	332
50.0	289	297	325	326	347	338	334	326	296	293	276	288
55.0	245	253	278	275	298	293	292	282	254	248	231	245
60.0	203	207	231	227	250	249	247	238	204	200	183	200
65.0	160	166	179	174	203	203	200	194	158	151	138	156
70.0	119	125	138	126	153	161	159	152	114	106	95.4	116
75.0	81.5	87.4	95.9	80.3	107	120	117	111	72.2	63.1	55.7	77.9
80.0	48.5	54.3	61.8	41.7	67.8	82.8	79.5	72.3	35.8	26.2	25.5	43.6
85.0	19.9	24.8	34.9	19.5	40.2	49.4	46.2	39.2	13.0	9.73	5.23	15.1
90.0	10.2	7.25	14.4	10.2	20.3	22.0	19.7	10.4	2.58	5.00	2.53	5.62

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:12-09-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 4K