

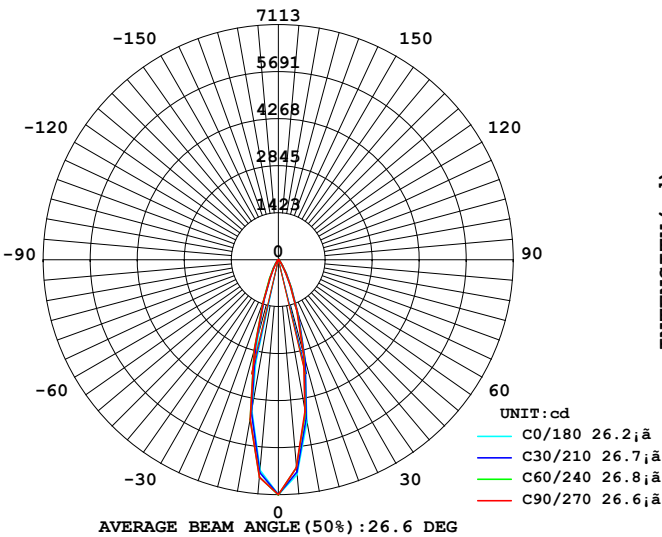
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

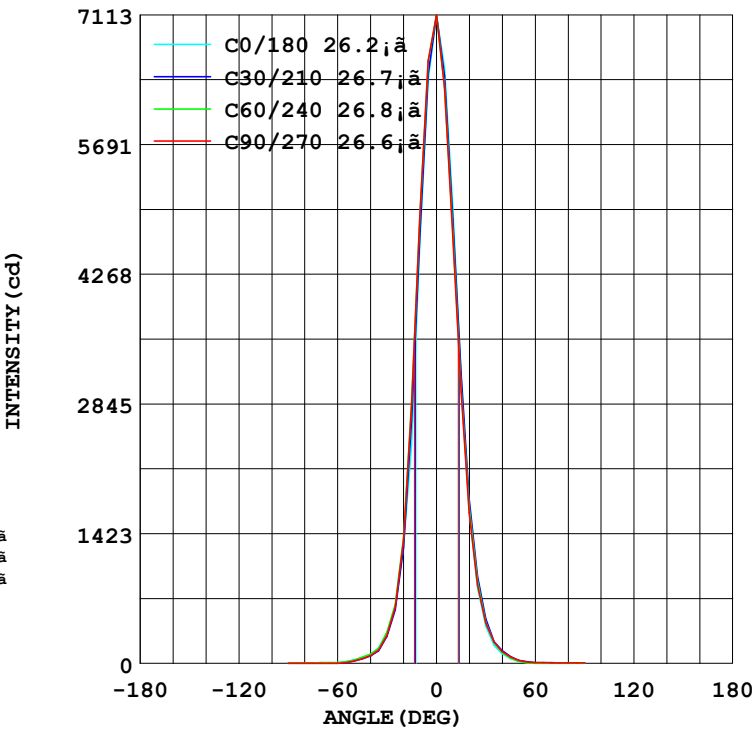
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	7113	S/MH (C0/180)	0.41
MODEL	ATLAS 95	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.44
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	1962.5	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	100.1	Current (A)	0.086
NOMINAL FLUX (lm)	1962.6	η up (%)	0.0	Power (W)	19.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.964
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	1629.5	EEI	0.164

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

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: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:

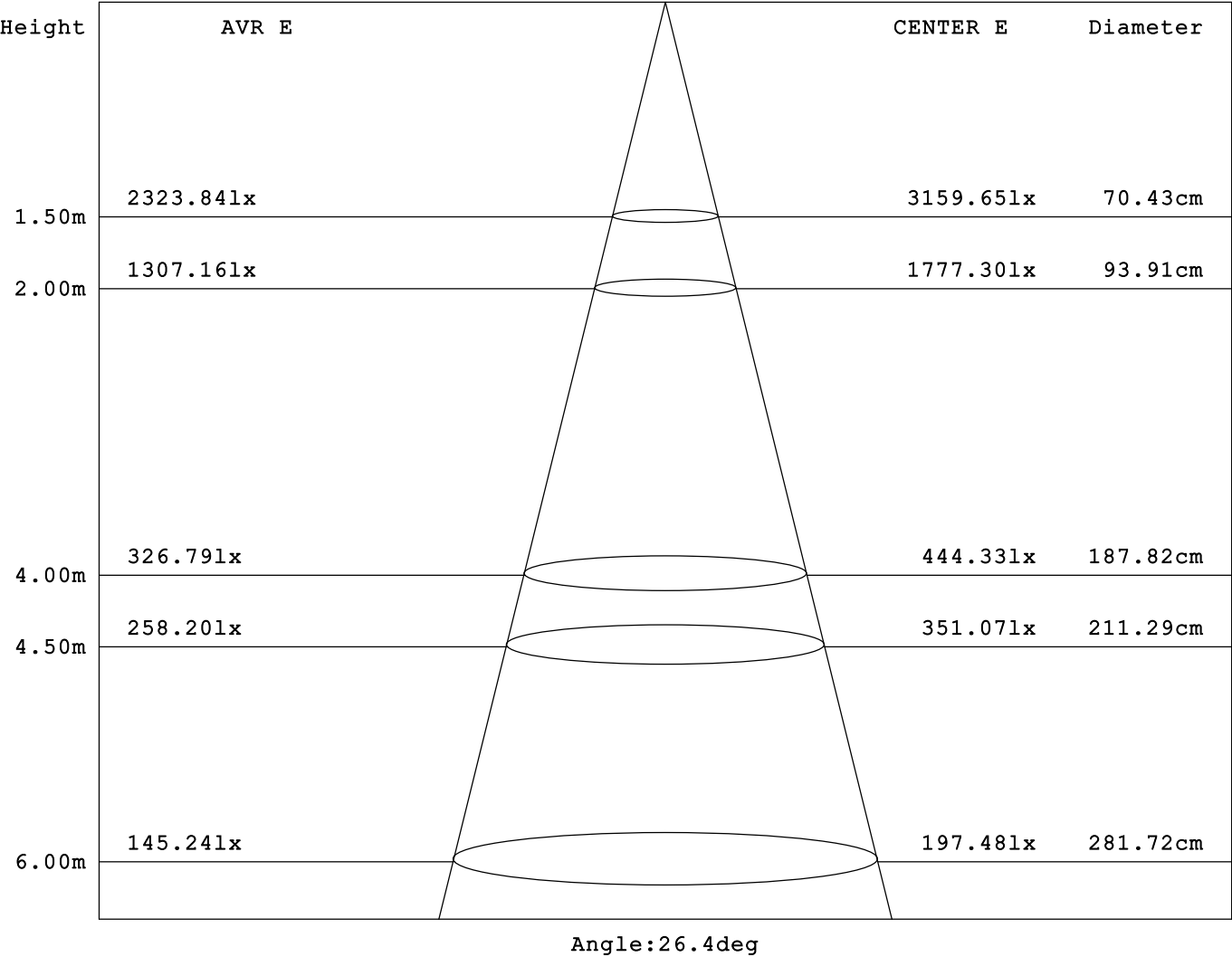
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

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:

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NAME: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

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: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	4628	4803	4912	4907	4995	4803	4674	4696	0- 10	565.0	565.0
20.0	1290	1328	1352	1454	1675	1763	1653	1433	10- 20	815.6	1381
30.0	333.9	319.9	307.4	362.3	408.8	470.4	441.5	361.1	20- 30	374.0	1755
40.0	101.3	92.94	84.32	96.43	107.4	131.3	133.3	105.7	30- 40	131.4	1886
50.0	36.12	31.87	25.27	27.98	23.73	28.06	33.53	29.32	40- 50	49.12	1935
60.0	9.558	5.629	1.701	5.508	3.159	5.670	9.396	5.386	50- 60	13.44	1949
70.0	7.290	4.414	1.701	4.374	3.159	4.414	6.966	4.131	60- 70	4.965	1954
80.0	6.237	4.050	2.025	3.969	3.402	3.726	5.670	3.645	70- 80	4.458	1958
90.0	5.751	4.536	3.321	4.333	5.022	3.483	4.617	3.402	80- 90	4.371	1963
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:08-12-2025

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: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	678	270
80	359	117
75	257	72
70	213	50
65	194	38
60	191	34
55	311	147
50	562	393
45	916	723

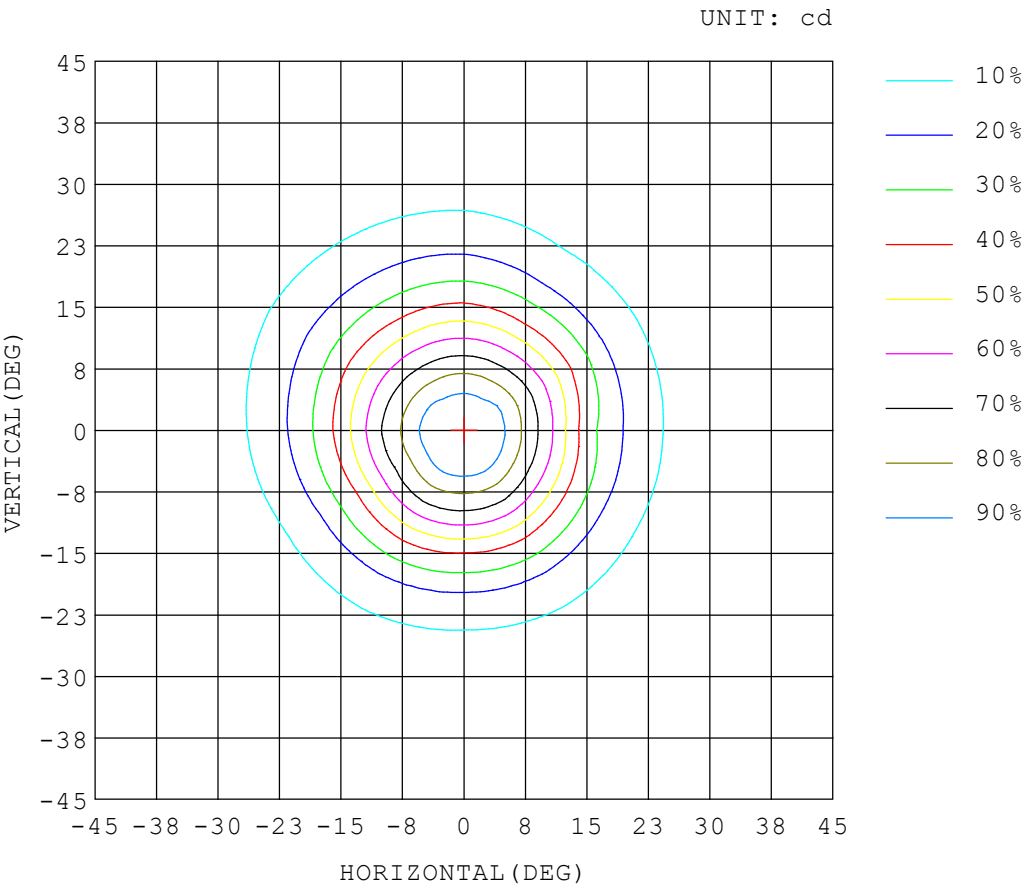
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Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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ISOCANDELA DIAGRAM

Report number:

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NAME: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:



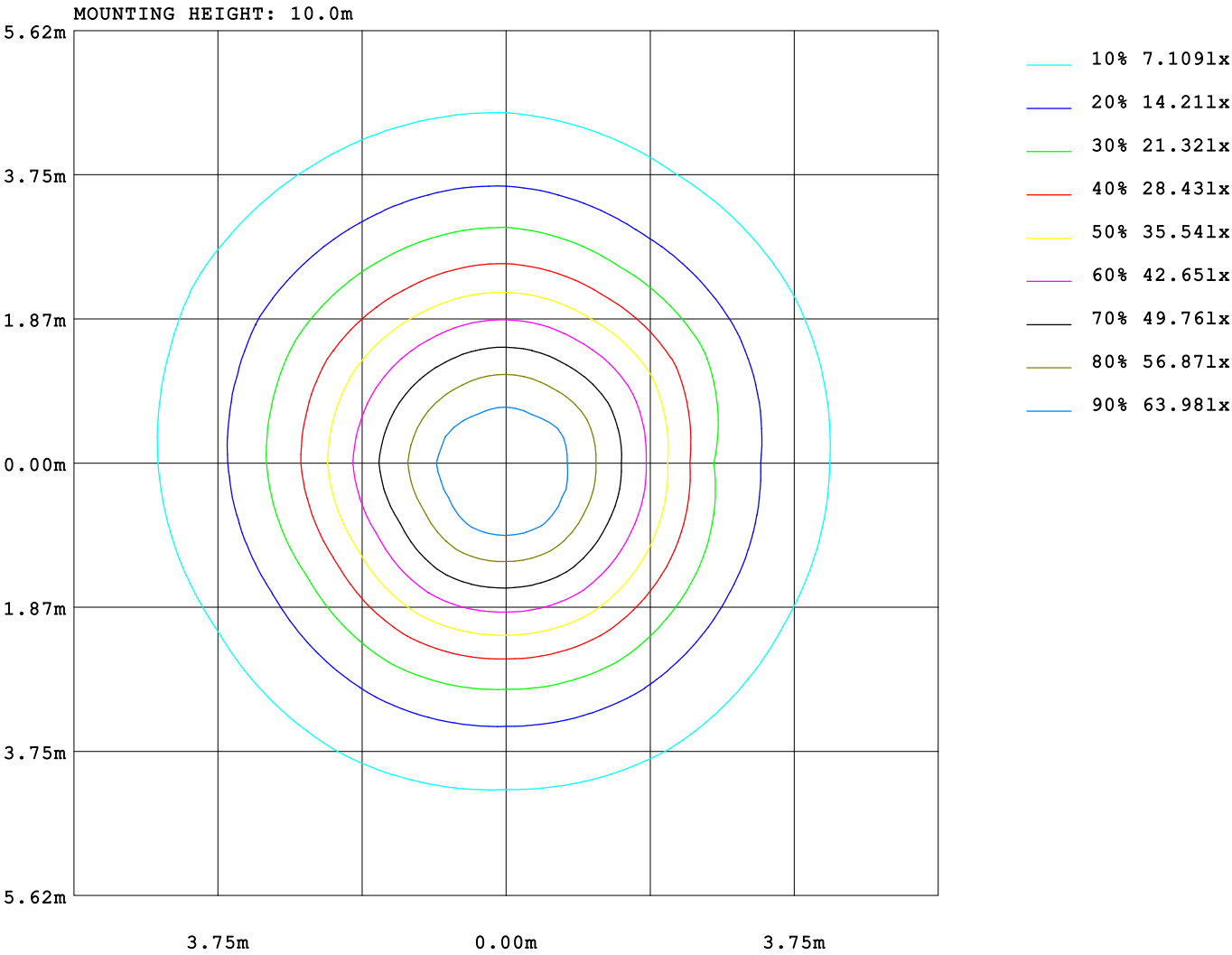
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

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

ISOLUX DIAGRAM

Report number:

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NAME: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:



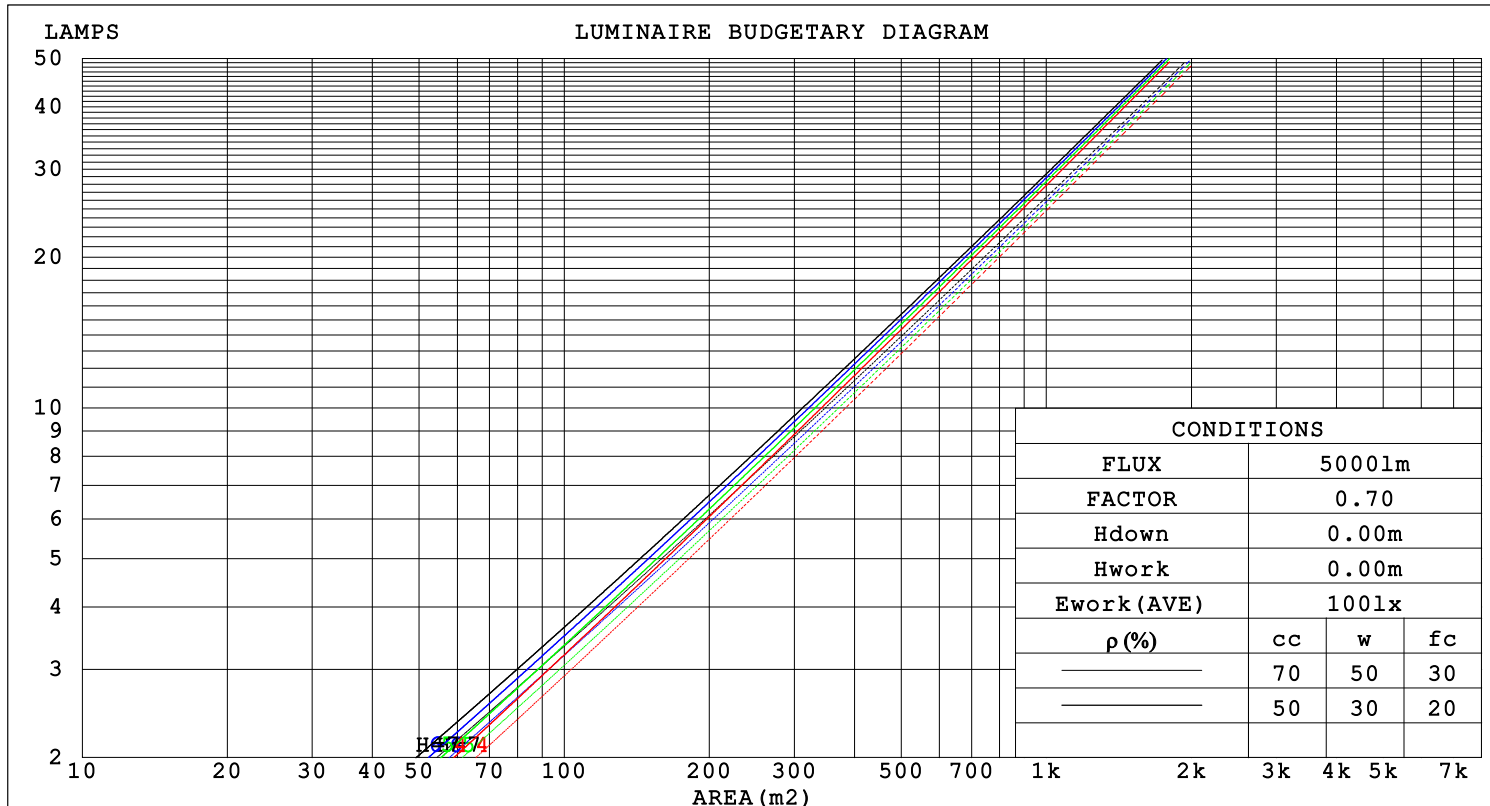
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Test Date:08-12-2025

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

Report number:

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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96														
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.01	.99	.97	.99	.97	.95	.96	.94	.93	.91														
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.95	.92	.90	.93	.91	.89	.88														
4.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.92	.89	.86	.90	.87	.85	.84														
5.0	.92	.88	.84	.92	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81														
6.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78														
7.0	.85	.81	.77	.85	.80	.77	.84	.80	.77	.82	.79	.76	.81	.78	.76	.75														
8.0	.82	.78	.74	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72														
9.0	.79	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.77	.73	.71	.70														
10.0	.77	.72	.69	.76	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.69	.68														



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: ATLAS 95							TYPE: 4000K CRI-90					WEIGHT:		
SPECIFICATION: FULHAM -600 MA							DIMENSION: D-106 CUTOUT-72 H-80 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	.150	.085	.027	.144	.082	.026	.131	.075	.024	.120	.069	.022	.109	.063	.020	
2.0	.140	.077	.023	.134	.074	.023	.124	.069	.021	.114	.064	.020	.106	.060	.019	
3.0	.131	.070	.021	.126	.068	.020	.117	.064	.019	.109	.060	.018	.102	.056	.017	
4.0	.123	.064	.019	.119	.062	.018	.112	.059	.018	.105	.056	.017	.098	.053	.016	
5.0	.116	.059	.017	.113	.058	.017	.106	.055	.016	.100	.053	.016	.095	.051	.015	
6.0	.110	.055	.016	.107	.054	.016	.102	.052	.015	.097	.050	.015	.092	.048	.014	
7.0	.105	.052	.015	.102	.051	.014	.097	.049	.014	.093	.048	.014	.089	.046	.014	
8.0	.100	.049	.014	.098	.048	.014	.093	.047	.013	.089	.045	.013	.086	.044	.013	
9.0	.095	.046	.013	.093	.046	.013	.090	.044	.013	.086	.043	.012	.083	.042	.012	
10.0	.091	.044	.012	.090	.043	.012	.086	.042	.012	.083	.041	.012	.080	.040	.012	

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	.169	.158	.147	.145	.135	.127	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.101	.089	.079	.070	.051	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.118	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.126	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.099	.074	.056	.068	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.034	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.080	.053	.035	.056	.038	.025	.032	.022	.015	.010	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.072	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

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: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 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	1.9	2.6	2.1	2.8	2.9	2.0	2.8	2.2	2.9	3.1
3H	2.0	2.7	2.2	2.8	3.0	2.0	2.7	2.2	2.9	3.1
4H	2.2	2.8	2.4	3.0	3.2	2.0	2.7	2.3	2.9	3.1
6H	2.6	3.2	2.9	3.4	3.6	2.1	2.7	2.3	2.9	3.1
8H	2.9	3.5	3.2	3.7	4.0	2.1	2.7	2.4	2.9	3.2
12H	3.4	4.0	3.7	4.3	4.5	2.2	2.8	2.5	3.0	3.3
4H 2H	1.7	2.4	2.0	2.6	2.8	1.9	2.5	2.1	2.7	3.0
3H	1.8	2.4	2.1	2.7	2.9	2.0	2.6	2.3	2.8	3.1
4H	2.1	2.6	2.4	2.9	3.2	2.1	2.7	2.5	3.0	3.3
6H	2.6	3.1	3.0	3.4	3.7	2.4	2.8	2.7	3.2	3.5
8H	3.1	3.5	3.5	3.9	4.2	2.5	3.0	2.9	3.3	3.7
12H	3.9	4.3	4.3	4.6	5.0	2.8	3.2	3.2	3.6	4.0
8H 4H	2.1	2.5	2.5	2.8	3.2	2.2	2.6	2.6	3.0	3.3
6H	2.7	3.0	3.1	3.4	3.8	2.8	3.1	3.2	3.5	3.9
8H	3.2	3.5	3.7	4.0	4.4	3.2	3.5	3.6	3.9	4.3
12H	4.2	4.5	4.7	5.0	5.4	3.8	4.0	4.2	4.5	5.0
12H 4H	2.1	2.5	2.5	2.9	3.3	2.2	2.5	2.6	2.9	3.3
6H	2.8	3.1	3.2	3.5	3.9	2.8	3.1	3.2	3.5	4.0
8H	3.3	3.6	3.8	4.0	4.5	3.4	3.7	3.9	4.1	4.6

Variations with the observer position at spacings:		
S = 1.0H	+ 1.7 / - 2.1	+ 1.5 / - 2.2
1.5H	+ 2.9 / - 3.0	+ 2.3 / - 2.5
2.0H	+ 4.2 / - 1.6	+ 2.8 / - 1.7

CIE Pub.117 Corrected 1963 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

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

UTILIZATION FACTORS TABLE

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	95	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	101	99	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	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		

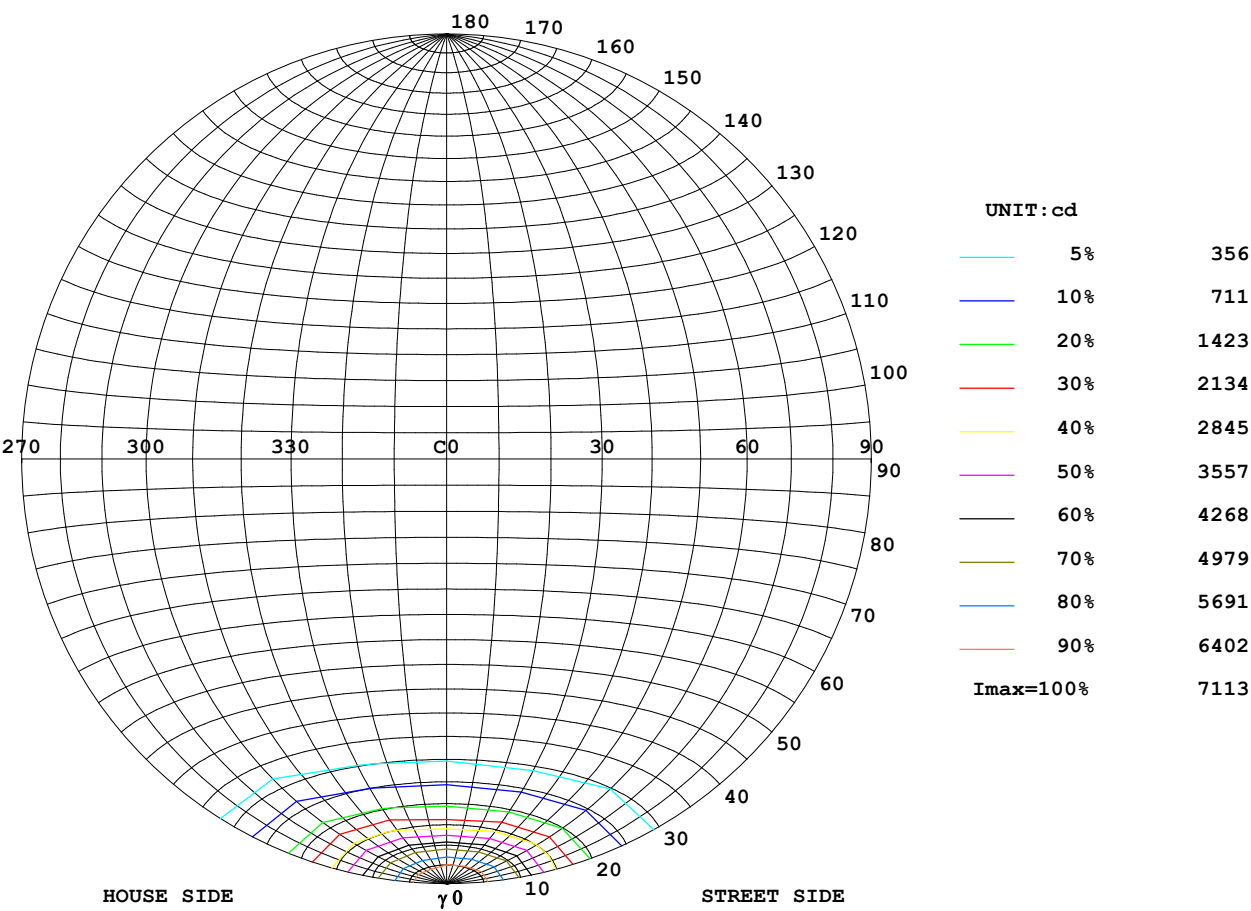
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ISOCANDELA DIAGRAM

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Test System:HOP00 HPG1800
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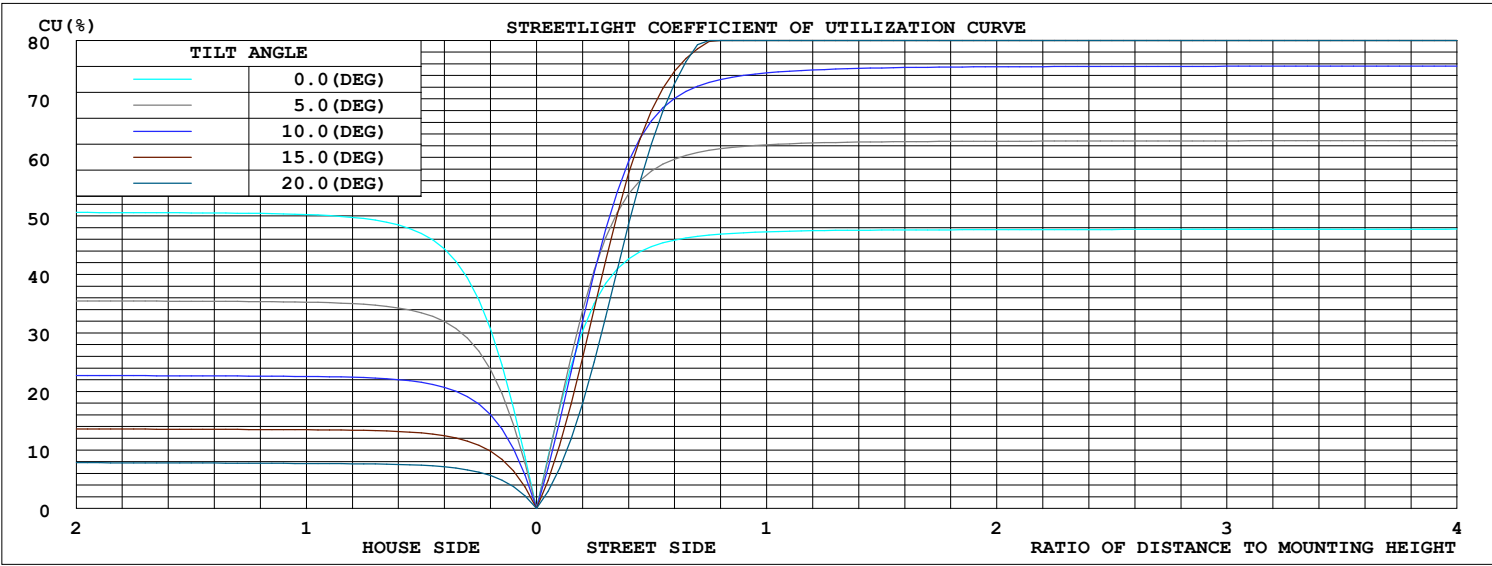
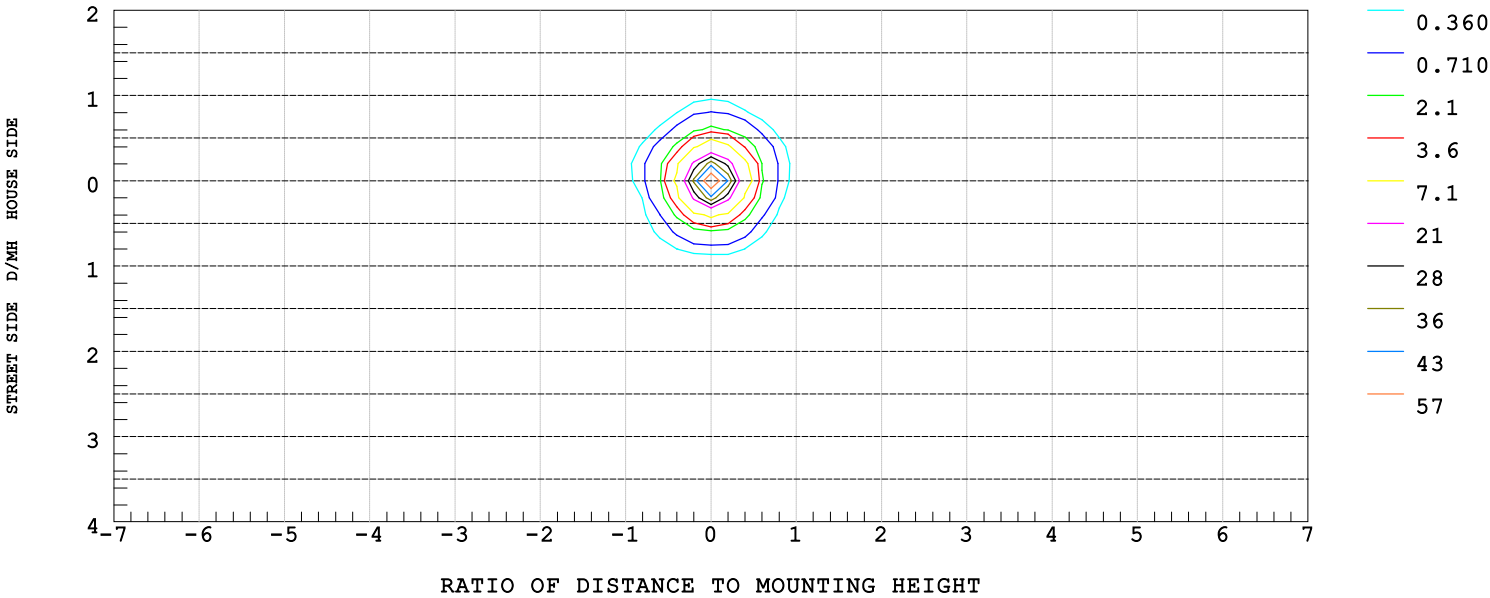
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Remarks: 4000K

ISOLUX DIAGRAM

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NAME: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 71.09 lx



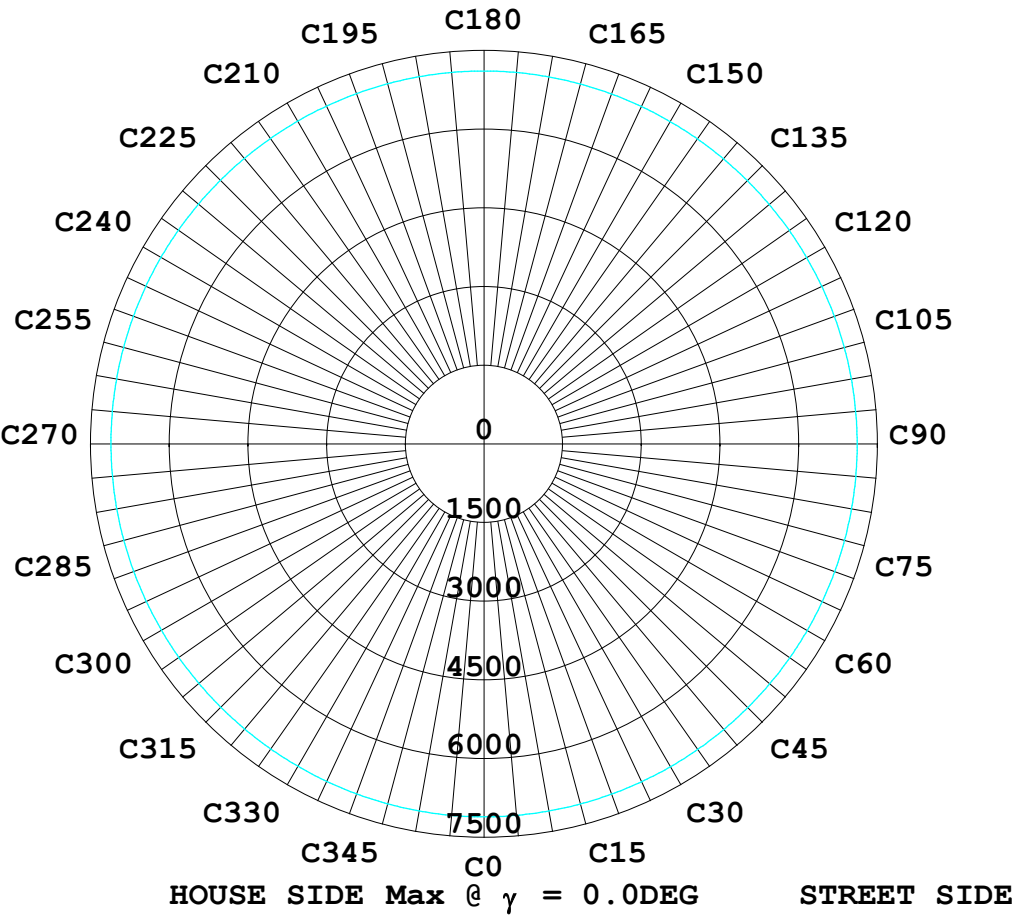
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Test Distance:9.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 95	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -600 MA	DIMENSION: D-106 CUTOUT-72 H-80 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	7109	7106	7113	7112	7104	7097	7109	7106	7113	7112	7104	7097
5.0	6397	6465	6604	6610	6623	6488	6529	6444	6321	6316	6300	6426
10.0	4628	4701	4906	4912	4979	4836	4995	4869	4737	4674	4652	4741
15.0	2397	2665	2862	2826	2945	2870	3124	3171	3014	2978	2803	2855
20.0	1290	1273	1383	1352	1454	1455	1675	1804	1721	1653	1449	1416
25.0	617	587	648	616	688	683	833	959	907	862	710	689
30.0	334	298	342	307	362	363	409	488	452	442	360	362
35.0	171	140	164	144	181	162	198	235	227	233	178	190
40.0	101	83.2	103	84.3	104	88.7	107	142	121	133	99.8	112
45.0	64.8	51.2	66.9	51.1	64.3	48.1	55.7	74.3	56.5	71.5	52.8	68.8
50.0	36.1	25.5	38.2	25.2	34.9	21.0	23.7	35.0	21.0	33.5	21.9	36.6
55.0	17.8	8.50	18.5	8.42	17.1	6.80	9.15	17.7	6.96	16.6	7.29	18.3
60.0	9.55	1.86	9.39	1.70	9.31	1.70	3.15	9.63	1.70	9.39	1.53	9.23
65.0	8.18	1.78	7.85	1.62	7.85	1.70	3.07	8.18	1.62	8.01	1.53	7.77
70.0	7.29	1.78	7.04	1.70	7.04	1.70	3.15	7.20	1.62	6.96	1.45	6.80
75.0	6.64	2.02	6.31	1.86	6.31	1.86	3.24	6.39	1.62	6.23	1.53	6.15
80.0	6.23	2.18	5.91	2.02	5.91	2.02	3.40	5.75	1.70	5.67	1.70	5.58
85.0	5.91	2.43	5.67	2.34	5.58	2.34	3.56	5.26	1.78	5.26	1.70	5.10
90.0	5.75	3.48	5.58	3.32	5.50	3.15	5.02	4.69	2.26	4.61	2.18	4.61

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

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