

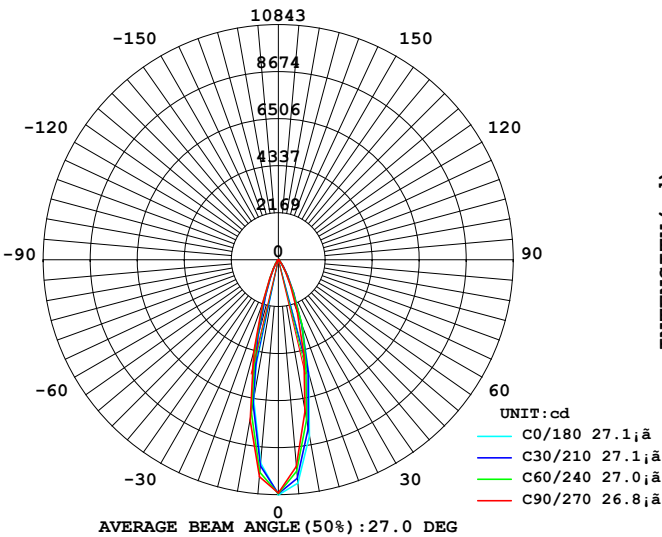
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

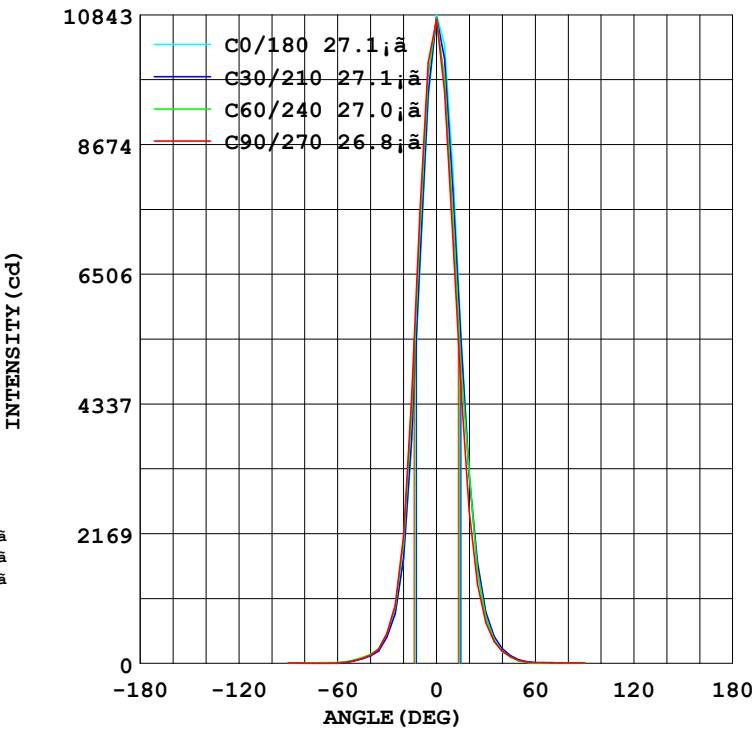
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	10843	S/MH (C0/180)	0.40
MODEL	ATLAS 120	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.45
NOMINAL POWER (W)	35	TOTAL FLUX (lm)	3072.1	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	87.3	Current (A)	0.153
NOMINAL FLUX (lm)	3072.1	η up (%)	0.0	Power (W)	35.20
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.992
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	2583.2	EEI	0.186

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:8.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 MM	SERIAL No.:

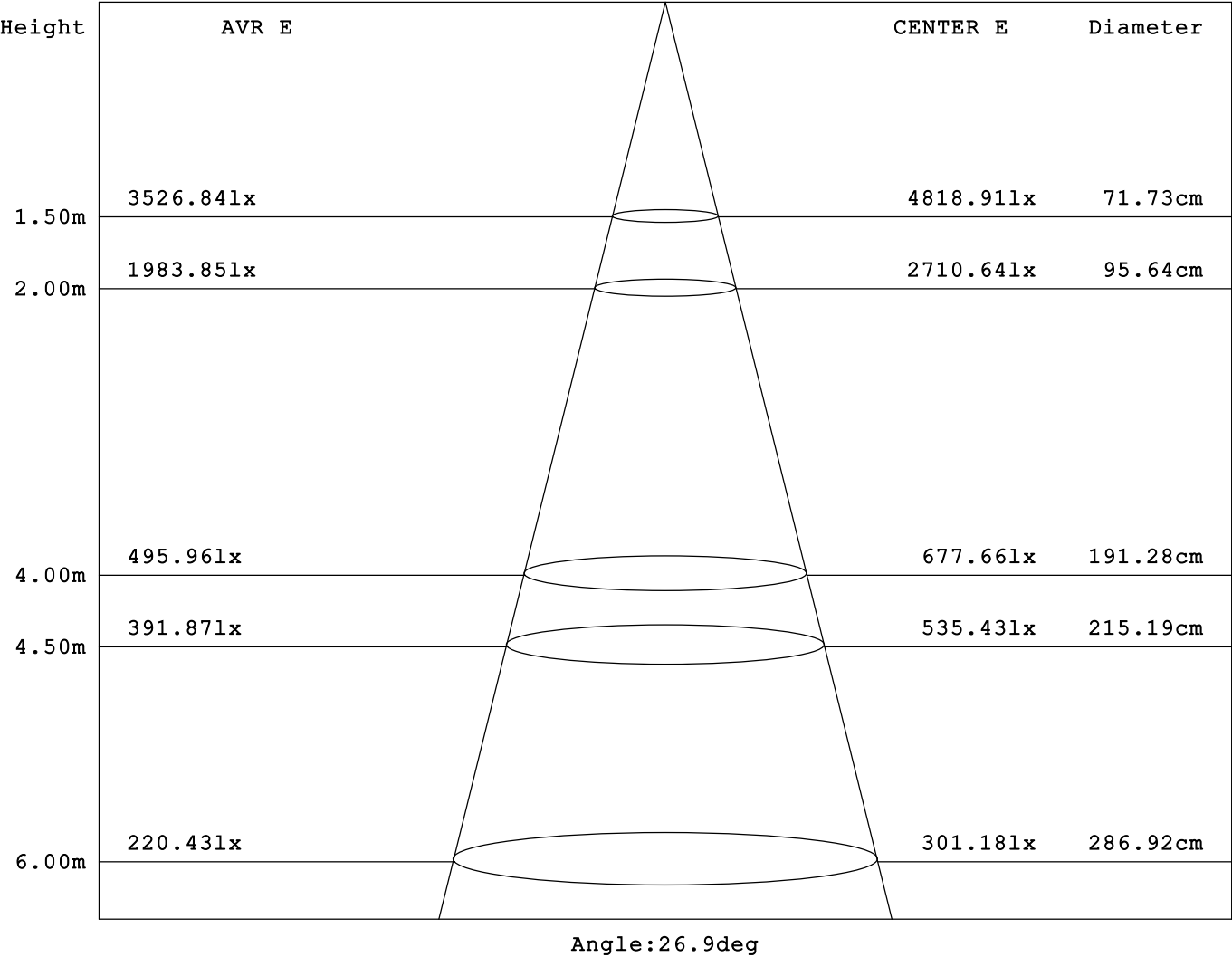
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 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:8.500 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	657.2	696.6	753.2	791.8	826.5	771.9	712.3	677.2	0- 10	860.4	860.4
20.0	174.9	188.2	213.2	252.5	322.7	316.9	255.3	200.5	10- 20	1273	2133
30.0	46.53	46.90	49.87	59.90	74.82	81.59	67.99	51.03	20- 30	598.3	2732
40.0	14.48	13.93	13.68	16.29	19.53	22.98	20.63	15.49	30- 40	213.3	2945
50.0	4.985	4.786	4.486	5.118	4.703	4.992	5.151	4.316	40- 50	79.84	3025
60.0	1.322	0.932	0.542	1.000	0.715	0.990	1.343	0.892	50- 60	22.46	3047
70.0	1.069	0.798	0.513	0.791	0.614	0.795	1.069	0.766	60- 70	8.578	3056
80.0	0.961	0.759	0.535	0.737	0.643	0.726	0.925	0.708	70- 80	8.111	3064
90.0	0.946	0.820	0.672	0.780	0.809	0.704	0.816	0.697	80- 90	8.170	3072
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: ; Å10cd									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:8.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 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	1086	655
80	553	308
75	388	201
70	313	150
65	277	120
60	264	108
55	416	306
50	776	698
45	1296	1210

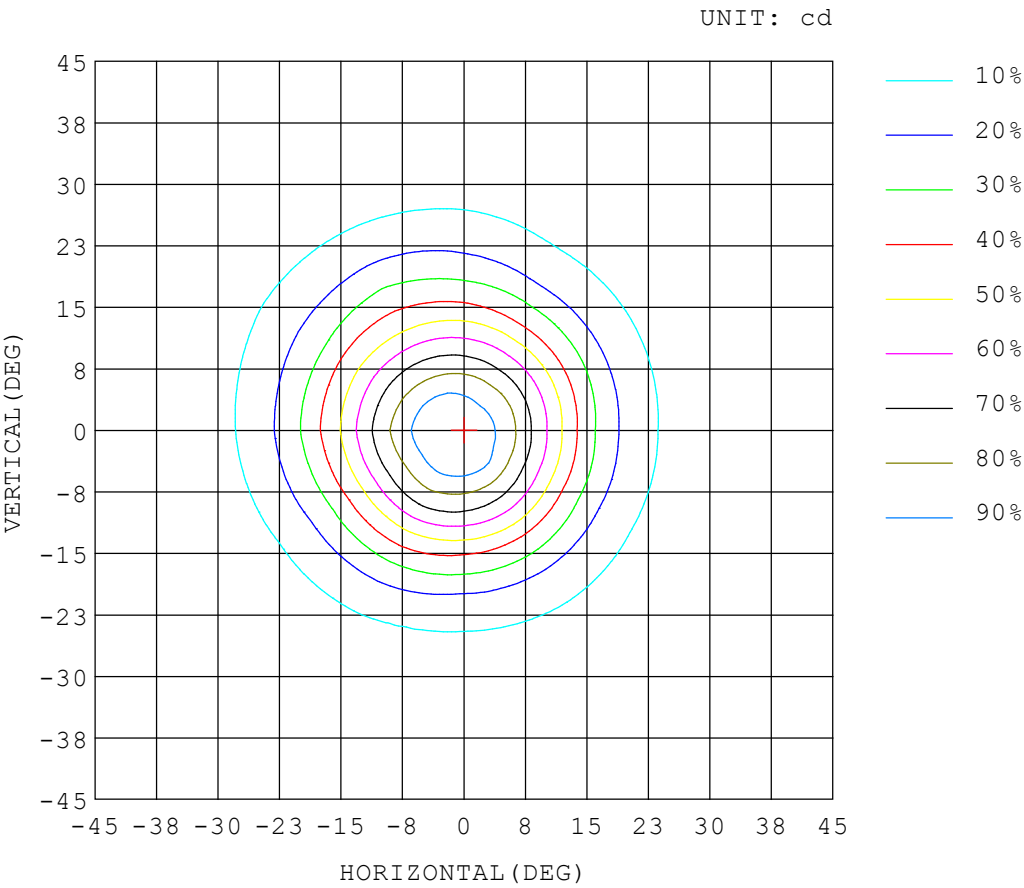
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 MM	SERIAL No.:



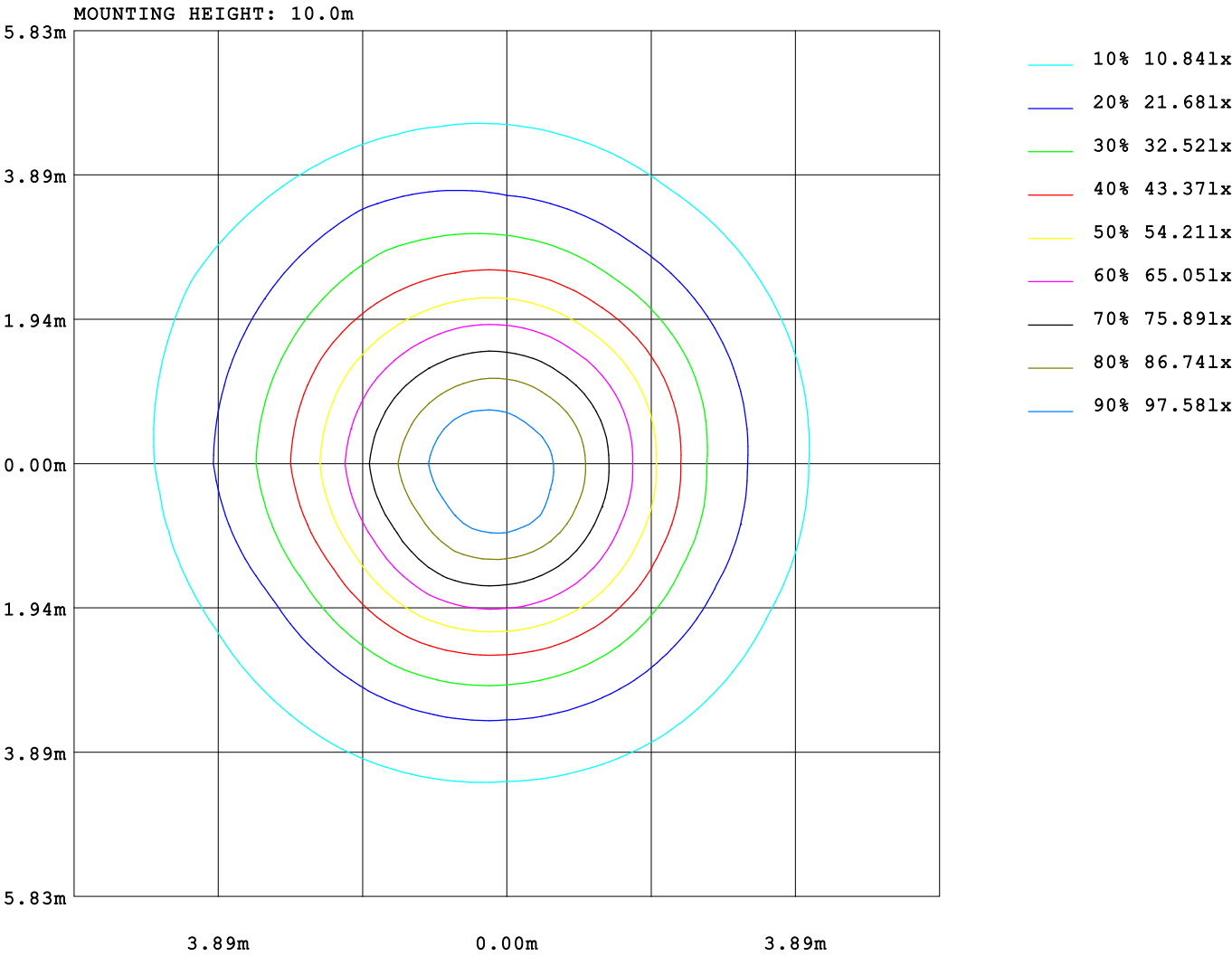
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 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:8.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:

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

NAME: ATLAS 120

TYPE: 4000K CRI-90

WEIGHT:

SPECIFICATION: FULHAM -1050 MA

DIMENSION: D-135 CUTOUT-119 H-124 MM SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm				Φ t	Φ a
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45					
45	0.12	0.18	0.26	0.39	0.56	0.76	0.97	1.11	1.19	1.16	1.01	0.83	0.62	0.45	0.32	0.23	0.15	0.10	10.4	0.00				
40	0.19	0.30	0.51	0.77	1.08	1.42	1.78	2.05	2.17	2.07	1.78	1.42	1.06	0.80	0.58	0.40	0.26	0.16	18.8	0.00				
35	0.29	0.52	0.86	1.31	1.88	2.53	3.22	3.77	3.99	3.77	3.16	2.41	1.72	1.27	0.91	0.62	0.40	0.24	32.9	0.00				
30	0.41	0.79	1.32	2.08	3.10	4.47	5.94	7.19	7.70	7.19	5.87	4.26	2.94	1.97	1.33	0.88	0.57	0.33	58.4	9.38				
25	0.55	1.08	1.90	3.12	5.05	7.83	11.1	14.1	15.1	13.8	10.9	7.53	4.99	3.12	1.89	1.18	0.74	0.43	105	71.3				
20	0.69	1.33	2.47	4.54	7.98	13.1	20.2	25.7	27.4	25.3	19.7	13.2	8.02	4.67	2.66	1.49	0.88	0.52	180	154				
15	0.79	1.55	3.03	5.94	11.3	19.8	30.4	39.3	44.2	42.0	33.0	21.8	12.2	6.41	3.45	1.83	1.02	0.60	279	257				
10	0.86	1.71	3.47	7.15	14.4	26.2	41.2	55.4	63.0	60.3	48.1	31.2	16.6	8.17	4.12	2.12	1.12	0.65	386	366				
5	0.87	1.75	3.64	7.72	16.4	30.6	49.0	67.2	76.9	73.7	58.4	37.1	19.3	9.10	4.43	2.26	1.17	0.67	461	442				
0	0.83	1.68	3.49	7.33	15.7	29.7	48.5	67.3	78.2	75.4	58.7	36.9	19.0	8.92	4.34	2.21	1.14	0.65	460	441				
-5	0.76	1.51	3.06	6.13	12.4	23.5	39.1	56.3	66.1	63.4	49.3	30.3	15.8	7.69	3.88	1.97	1.04	0.61	383	363				
-10	0.66	1.25	2.47	4.60	8.65	16.0	27.1	38.6	45.1	43.0	33.4	21.1	11.2	5.77	3.12	1.60	0.91	0.54	266	243				
-15	0.54	0.97	1.86	3.28	5.77	9.88	15.8	21.7	24.9	23.7	18.8	12.4	7.31	4.17	2.27	1.21	0.75	0.46	156	130				
-20	0.42	0.74	1.29	2.29	3.71	5.82	8.34	10.7	11.9	11.3	9.48	6.86	4.58	2.80	1.55	0.94	0.61	0.37	83.9	44.3				
-25	0.30	0.55	0.90	1.50	2.33	3.40	4.50	5.37	5.68	5.48	4.85	3.85	2.74	1.73	1.13	0.75	0.47	0.27	45.8	0.00				
-30	0.20	0.39	0.65	0.97	1.42	1.95	2.41	2.74	2.84	2.75	2.49	2.05	1.58	1.17	0.84	0.57	0.35	0.18	25.6	0.00				
-35	0.13	0.26	0.45	0.67	0.92	1.15	1.34	1.45	1.45	1.41	1.34	1.21	1.04	0.84	0.61	0.41	0.24	0.12	15.0	0.00				
-40	0.08	0.16	0.28	0.43	0.60	0.73	0.82	0.87	0.86	0.85	0.84	0.78	0.69	0.57	0.40	0.26	0.15	0.07	9.45	0.00				
-45																								
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45				
Φ t	8.68	16.7	31.9	60.2	114	199	312	421	479	457	362	236	132	69.6	37.9	20.9	11.9	6.95	3072					
Φ a	0.00	0.00	0.00	16.8	82.3	172	287	398	457	434	337	209	101	26.7	0.00	0.00	0.00	0.00		2583				

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

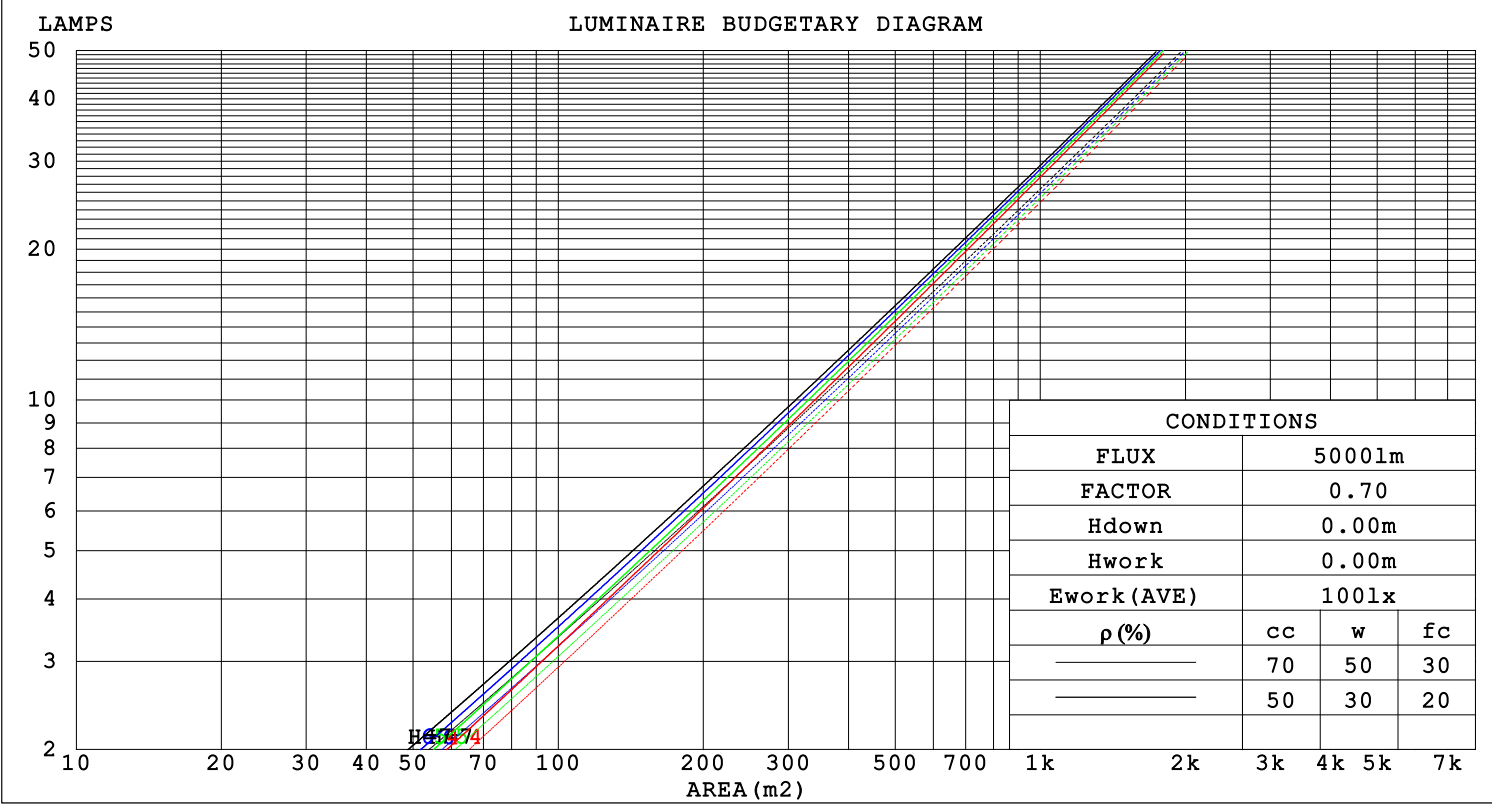
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 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
pf _c	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	1.06	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.06	1.03	.90	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.91	.95	.92	.90	.93	.90	.89	.87
4.0	.96	.92	.88	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
5.0	.92	.87	.84	.91	.87	.84	.90	.86	.83	.88	.85	.82	.87	.84	.82	.80
6.0	.88	.84	.80	.88	.83	.80	.86	.82	.79	.85	.82	.79	.84	.81	.78	.77
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.76	.82	.79	.76	.81	.78	.76	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
10.0	.76	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.74	.71	.68	.67



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:8.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER:															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ATLAS 120								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM -1050 MA								DIMENSION: D-135 CUTOUT-119 H-124 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	.152	.086	.027	.145	.083	.026	.133	.076	.024	.121	.070	.022	.111	.064	.021	
2.0	.141	.077	.024	.136	.075	.023	.125	.070	.022	.116	.065	.020	.107	.061	.019	
3.0	.132	.070	.021	.128	.068	.021	.119	.064	.020	.111	.061	.019	.103	.057	.018	
4.0	.124	.065	.019	.120	.063	.019	.113	.060	.018	.106	.057	.017	.100	.054	.017	
5.0	.117	.060	.017	.114	.058	.017	.108	.056	.016	.102	.054	.016	.096	.051	.015	
6.0	.111	.056	.016	.108	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.015	
7.0	.106	.052	.015	.103	.051	.015	.098	.050	.014	.094	.048	.014	.090	.047	.014	
8.0	.101	.049	.014	.099	.049	.014	.094	.047	.013	.090	.046	.013	.087	.044	.013	
9.0	.096	.047	.013	.094	.046	.013	.091	.045	.013	.087	.044	.013	.084	.043	.012	
10.0	.092	.044	.012	.091	.044	.012	.087	.043	.012	.084	.042	.012	.081	.041	.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	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.100	.089	.079	.070	.052	.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	.100	.074	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.108	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.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:8.500 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 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	3.0	3.7	3.2	3.8	4.0	3.6	4.3	3.8	4.4	4.6
3H	3.1	3.8	3.3	4.0	4.2	3.6	4.3	3.8	4.4	4.6
4H	3.3	4.0	3.6	4.2	4.4	3.6	4.3	3.9	4.5	4.7
6H	3.8	4.4	4.1	4.7	4.9	3.8	4.4	4.1	4.7	4.9
8H	4.2	4.8	4.5	5.1	5.3	4.0	4.6	4.3	4.8	5.1
12H	5.4	6.0	5.7	6.2	6.5	4.8	5.4	5.1	5.6	5.9
4H 2H	2.8	3.5	3.1	3.7	3.9	3.4	4.1	3.7	4.3	4.5
3H	3.0	3.6	3.3	3.8	4.1	3.6	4.1	3.9	4.4	4.7
4H	3.3	3.9	3.7	4.1	4.4	3.8	4.3	4.1	4.6	4.9
6H	4.0	4.5	4.4	4.8	5.2	4.2	4.7	4.6	5.0	5.3
8H	4.6	5.1	5.0	5.4	5.8	4.5	4.9	4.9	5.3	5.7
12H	6.5	6.9	6.9	7.2	7.6	6.0	6.4	6.4	6.8	7.1
8H 4H	3.4	3.9	3.8	4.2	4.6	3.9	4.3	4.3	4.7	5.0
6H	4.3	4.6	4.7	5.0	5.4	4.6	5.0	5.1	5.4	5.8
8H	5.0	5.3	5.4	5.7	6.2	5.2	5.5	5.7	6.0	6.4
12H	7.7	8.0	8.2	8.4	8.9	7.5	7.8	8.0	8.3	8.7
12H 4H	3.5	3.9	3.9	4.2	4.6	3.9	4.3	4.3	4.7	5.0
6H	4.4	4.7	4.9	5.1	5.6	4.7	5.1	5.2	5.5	5.9
8H	5.2	5.5	5.7	5.9	6.4	5.5	5.8	5.9	6.2	6.7

Variations with the observer position at spacings:

S = 1.0H	+ 1.3 / - 1.5	+ 1.2 / - 1.7
1.5H	+ 2.4 / - 2.1	+ 2.0 / - 2.0
2.0H	+ 3.3 / - 1.0	+ 2.6 / - 1.3

CIE Pub.117 Corrected 3072 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

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:8.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 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	79	88	83	79	88	82	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	99	95	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	98	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	95
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		

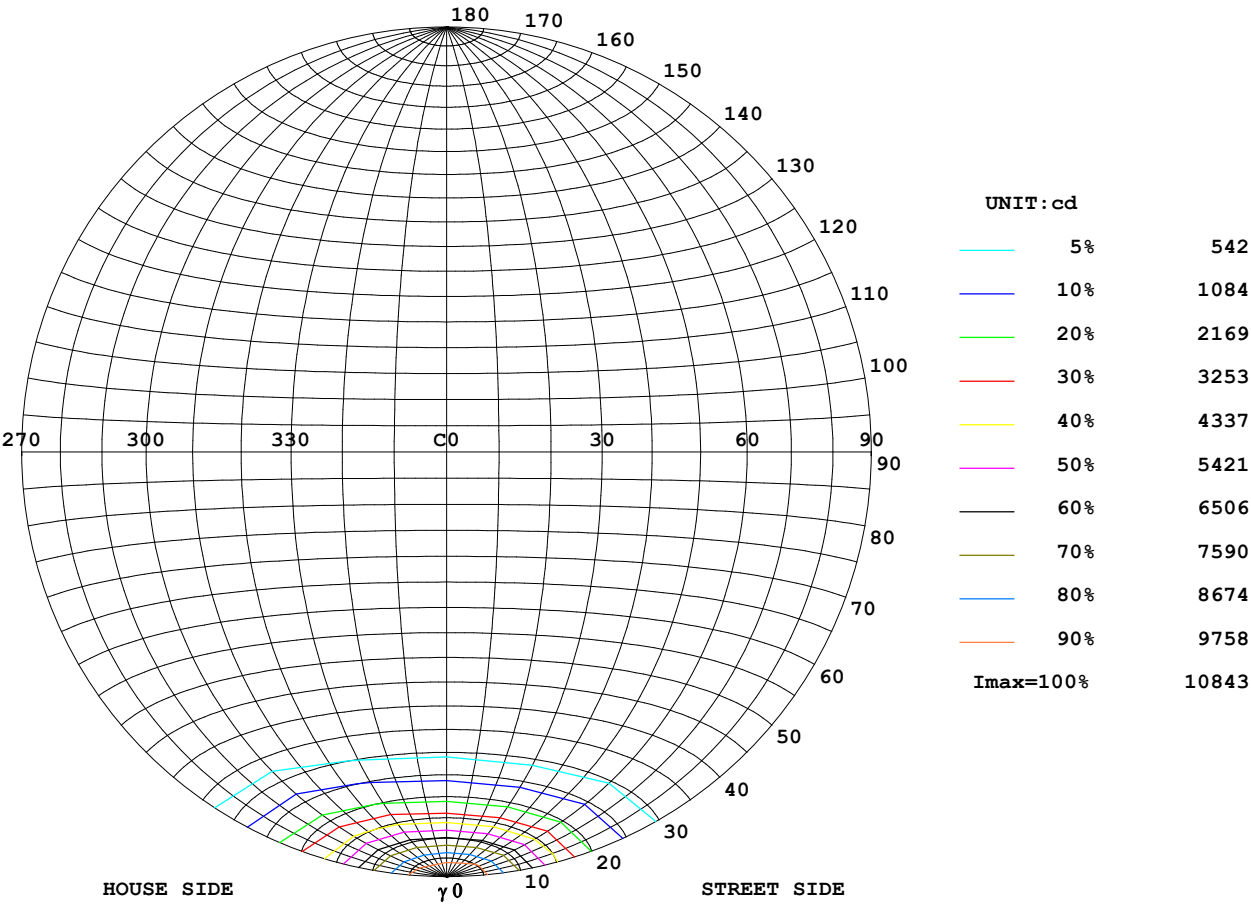
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

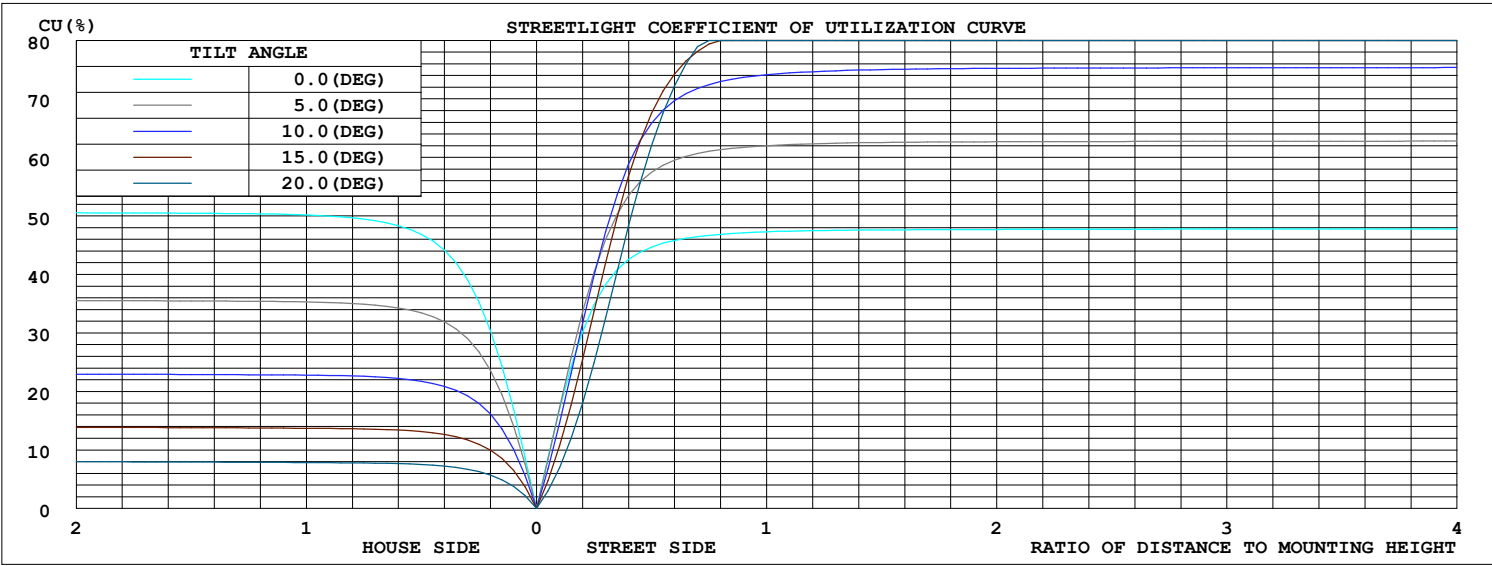
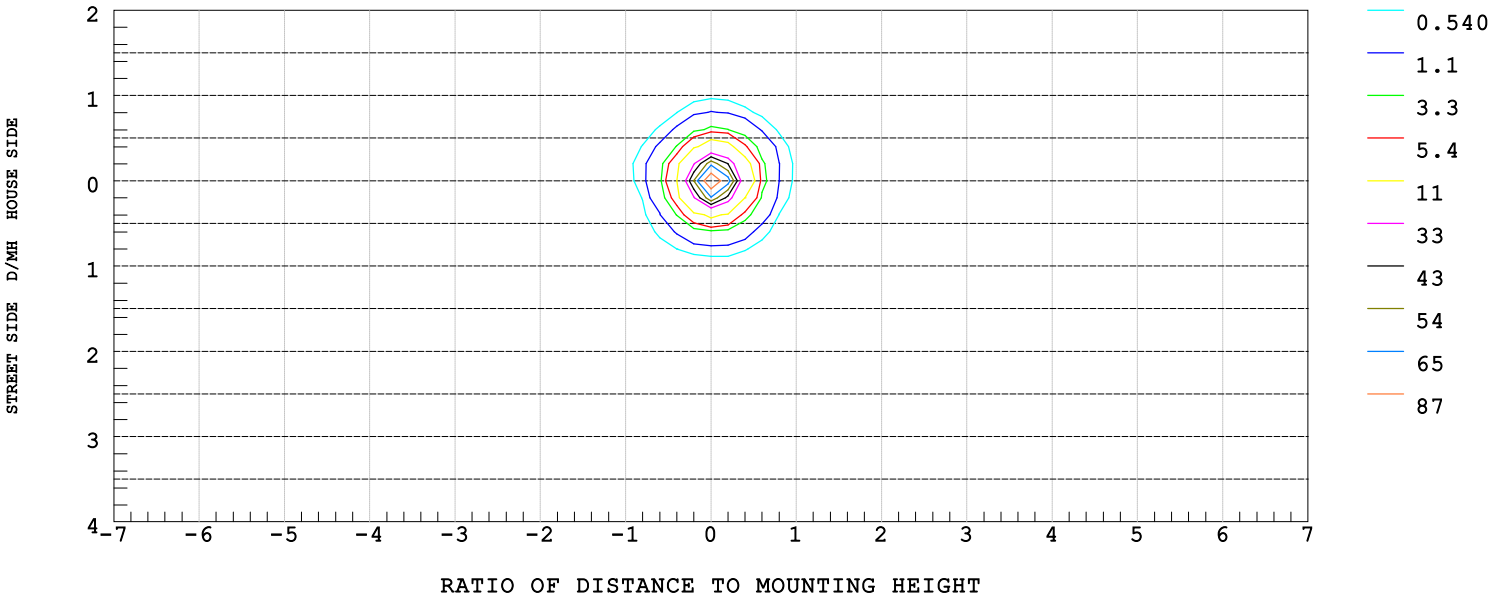
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 108.43 lx



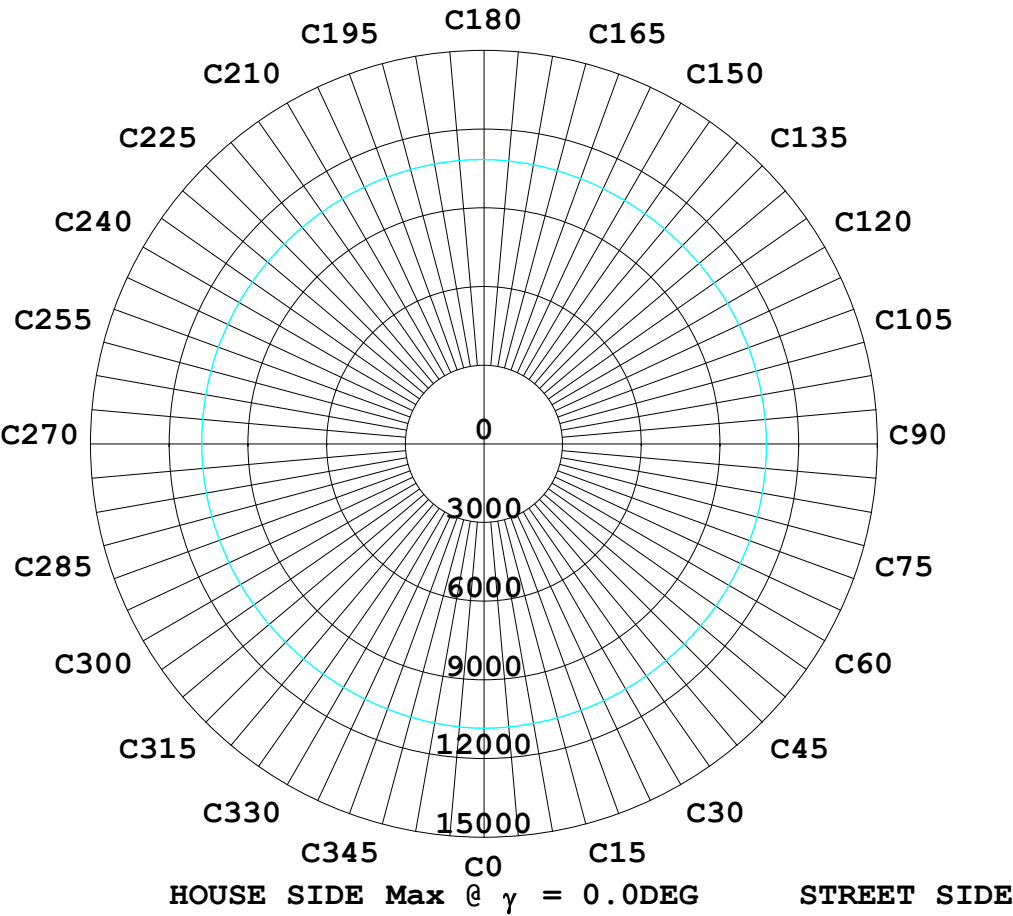
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-12-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 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:8.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ATLAS 120	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-135 CUTOUT-119 H-124 MM	SERIAL No.:

UNIT: ;Å10cd

C (DEG)												
γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1084	1080	1079	1077	1072	1072	1084	1080	1079	1077	1072	1072
5.0	942	954	984	1004	1023	1016	1035	1012	979	957	937	939
10.0	657	674	720	753	792	792	827	793	751	712	684	671
15.0	364	374	415	442	484	497	545	533	493	456	410	392
20.0	175	177	200	213	245	260	323	314	320	255	210	191
25.0	84.7	83.0	94.1	97.4	115	123	153	169	154	133	103	93.5
30.0	46.5	43.9	49.8	49.8	59.2	60.5	74.8	86.0	77.1	67.9	52.1	49.9
35.0	24.1	20.4	24.4	23.5	30.8	33.1	37.7	44.9	39.9	36.6	26.5	26.6
40.0	14.4	12.6	15.2	13.6	16.8	15.7	19.5	24.9	21.0	20.6	15.2	15.7
45.0	9.16	7.79	9.99	8.55	10.6	9.08	10.7	13.3	10.4	11.2	8.18	9.66
50.0	4.98	3.90	5.66	4.48	5.91	4.32	4.70	6.00	3.98	5.15	3.55	5.07
55.0	2.38	1.44	2.70	1.75	2.87	1.73	2.12	3.12	1.63	2.54	1.33	2.48
60.0	1.32	0.52	1.34	0.54	1.43	0.57	0.72	1.47	0.51	1.34	0.48	1.30
65.0	1.17	0.51	1.17	0.51	1.19	0.51	0.61	1.22	0.48	1.18	0.48	1.14
70.0	1.06	0.52	1.07	0.51	1.08	0.50	0.61	1.09	0.49	1.06	0.48	1.04
75.0	1.00	0.53	1.00	0.52	1.00	0.51	0.63	1.01	0.50	0.98	0.49	0.98
80.0	0.96	0.56	0.95	0.53	0.95	0.53	0.64	0.95	0.50	0.92	0.50	0.92
85.0	0.95	0.60	0.94	0.57	0.92	0.56	0.67	0.90	0.52	0.87	0.51	0.87
90.0	0.95	0.71	0.93	0.67	0.91	0.65	0.81	0.83	0.58	0.82	0.56	0.83

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:8.500 m
Remarks: 4000K