

atlanta junior

Suspended: Fluorescent and HID architectural low bay

Atlanta Junior is a smaller version of the Atlanta range and is designed to be suspended at much lower heights. Featuring a low glare acrylic or an aluminium reflector with four lamp options it satisfies the most demanding of applications. Electronic gear throughout gives longer lamp life.

APPLICATION

- Retail
- Superstores
- DIY stores
- Exhibition halls
- Atriums
- School halls
- Refectory

SPECIFICATION

Body

- Lamp options:
 - 57W TC-T
 - 85W PL-H
 - 70W CDM-T
 - 150W CDM-T
- Supplied with lamp 4000°k
- 3 hour maintained emergency option (57W TC-T only)
- One piece extruded aluminium housing
- Silver Grey Polyester powder paint finish
- Fixing U bracket suitable for hook. 20mm conduit option
- Rapid installation
- Ambient temperature operation up to 30°C

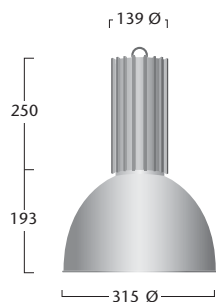
Optics

- 315mm Ø injection moulded clear prismatic acrylic refractor
- 315mm Ø injection moulded opal prismatic acrylic refractor
- 315mm Ø spun aluminium reflector with etched inner surface

Options

-  Easytest – integral self test version available (57W TC-T only)

DIMENSIONS



WEIGHT

	WEIGHT KG
70W CDM-T	2.0
150W CDM-T	2.0
85W PL-H	2.0
57W TC-T	2.0
/EMIN	3.0
/ET	3.8

LAMP PERFORMANCE MATRIX

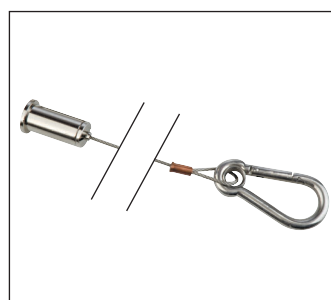
WATTAGE	IL@25°C	LAMP LIFE
1 x 57W TC-T	4300	12,000
1 x 85W PL-H	6000	20,000
1 x 70W CDM-T	6600	12,000
1 x 150W CDM-T	14000	12,000



Spun Aluminium Reflector



Clear Prismatic Refractor



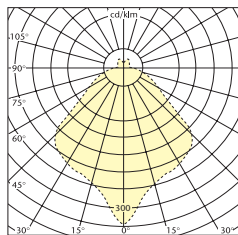
Suspension Kit



For Atlanta range see catalogue page 95

ATLANTA JUNIOR
 OPAL REFRACTOR
 70/150W CDM-T Lamp

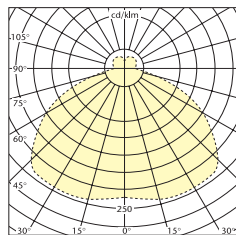

- LOR = 84.0%
- SHR MAX = 1.50



UTILISATION FACTORS UF(F) SHR NOM 1.50									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.51	0.58	0.63	0.67	0.72	0.76	0.82
0.50	0.30	0.20	0.43	0.50	0.55	0.59	0.64	0.68	0.74
0.00	0.00	0.00	0.36	0.41	0.46	0.49	0.54	0.57	0.62

ATLANTA JUNIOR
 OPAL REFRACTOR
 57W TC-T Lamp

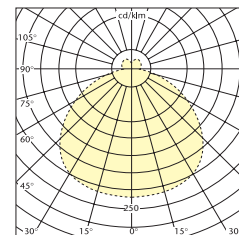

- LOR = 90.4%
- SHR MAX = 1.93



UTILISATION FACTORS UF(F) SHR NOM 1.75									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	N/A	0.59	0.65	0.69	0.76	0.80	0.83
0.50	0.30	0.20	N/A	0.50	0.56	0.60	0.67	0.71	0.74
0.00	0.00	0.00	N/A	0.40	0.46	0.50	0.55	0.59	0.61

ATLANTA JUNIOR
 OPAL REFRACTOR
 85W PL-H Lamp

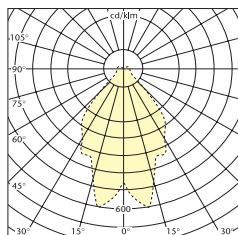

- LOR = 73.3%
- SHR MAX = 1.73



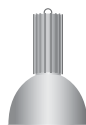
UTILISATION FACTORS UF(F) SHR NOM 1.50									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.41	0.47	0.53	0.56	0.61	0.65	0.67
0.50	0.30	0.20	0.34	0.40	0.45	0.49	0.54	0.57	0.60
0.00	0.00	0.00	0.28	0.32	0.37	0.40	0.44	0.47	0.50

ATLANTA JUNIOR
 CLEAR REFRACTOR
 70/150W CDM-T Lamp

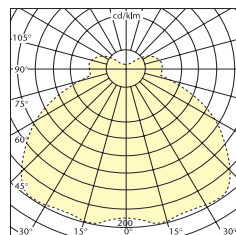

- LOR = 87.6%
- SHR MAX = 1.38



UTILISATION FACTORS UF(F) SHR NOM 1.25									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.63	0.70	0.74	0.77	0.81	0.84	0.86
0.50	0.30	0.20	0.57	0.63	0.67	0.70	0.75	0.77	0.82
0.00	0.00	0.00	0.51	0.56	0.60	0.62	0.66	0.68	0.70

ATLANTA JUNIOR
 CLEAR REFRACTOR
 57W TC-T Lamp


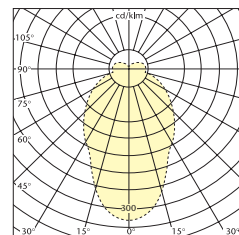
- LOR = 94.0%
- SHR MAX = 1.92



UTILISATION FACTORS UF(F) SHR NOM 1.75									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	N/A	0.59	0.64	0.69	0.75	0.80	0.83
0.50	0.30	0.20	N/A	0.48	0.54	0.58	0.65	0.69	0.72
0.00	0.00	0.00	N/A	0.37	0.42	0.46	0.51	0.55	0.57

ATLANTA JUNIOR
 CLEAR REFRACTOR
 85W PL-H Lamp

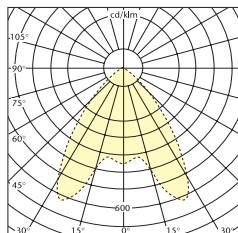

- LOR = 77%
- SHR MAX = 1.314



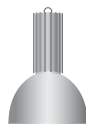
UTILISATION FACTORS UF(F) SHR NOM 1.00									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.41	0.48	0.53	0.57	0.62	0.66	0.68
0.50	0.30	0.20	0.33	0.40	0.45	0.48	0.54	0.57	0.60
0.00	0.00	0.00	0.26	0.31	0.35	0.38	0.43	0.46	0.48

ATLANTA JUNIOR
 ALUMINIUM REFRACTOR
 70/150W CDM-T Lamp

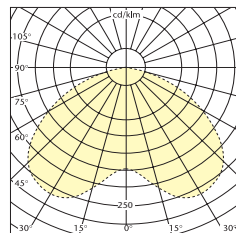

- LOR = 83.9%
- SHR MAX = 1.59



UTILISATION FACTORS UF(F) SHR NOM 1.50									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.58	0.67	0.72	0.76	0.81	0.84	0.86
0.50	0.30	0.20	0.52	0.61	0.66	0.70	0.75	0.79	0.81
0.00	0.00	0.00	0.47	0.55	0.60	0.64	0.69	0.72	0.76

ATLANTA JUNIOR
 ALUMINIUM REFRACTOR
 57W TC-T Lamp


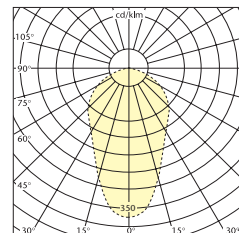
- LOR = 86.0%
- SHR MAX = 2.18



UTILISATION FACTORS UF(F) SHR NOM 2.00									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.45	0.54	0.61	0.66	0.74	0.78	0.82
0.50	0.30	0.20	0.37	0.46	0.53	0.58	0.66	0.71	0.75
0.00	0.00	0.00	0.30	0.39	0.45	0.50	0.58	0.63	0.66

ATLANTA JUNIOR
 ALUMINIUM REFLECTOR
 85W PL-H Lamp


- LOR = 64.3%
- SHR MAX = 1.02



UTILISATION FACTORS UF(F) SHR NOM 1.00									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.39	0.45	0.50	0.53	0.58	0.61	0.63
0.50	0.30	0.20	0.38	0.44	0.48	0.52	0.56	0.59	0.61
0.00	0.00	0.00	0.29	0.35	0.40	0.42	0.47	0.50	0.52

ORDER CODES – ATLANTA JUNIOR

FLUORESCENT AND HID ARCHITECTURAL LOW BAY

LAMP SUPPLIED	CLEAR REFRACTOR	ALUMINIUM REFLECTOR	OPAL REFRACTOR
1 x 57W	ATJ30-F57-1	ATJ35-F57-1	ATJ32-F57-1
1 x 85W	ATJ30-F85-1	ATJ35-F85-1	ATJ32-F85-1
1 x 70W	ATJ30-C70-1	ATJ35-C70-1	ATJ32-C70-1
1 x 150W	ATJ30-C150-1	ATJ35-C150-1	ATJ32-C150-1

 3m Suspension Kit - **ATJSUSKIT**

EMERGENCY Add suffix to order code above

/EMIN 3 hour maintained emergency module for 57W TC-T version only – integrated into gear housing, i.e. **ATJ30-F57-1/EMIN**

EASYTEST OPTION Add suffix to luminaire order codes above (57W only)

/ET Integral self autotest, i.e. **ATJ30-F57-1/ET**

To specify state:

 Surface/suspended architectural low bay with extruded aluminium gear housing and clear or opal acrylic refractor or aluminium reflector
 - as Whitecroft Lighting ATLANTA JUNIOR.

QuickLink

ATJ

Go



Lighting for Life

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