



LIGHTOLLIER®

The AGILI-T story

Agili-T's state-of-the-art lightweight construction has all the elements to create a satisfying and lasting pendant lighting experience. With its innovative design and exceptional flexibility, the Agili-T concept brings pendants to the next level, establishing once again Lightolier's leadership in the lighting industry.

AGILI-T NETWORK

Agili-T Network features Lightolier's integrated network ballast technology. Its advanced capabilities make it part of the iGEN family of intelligent luminaires. Available on all Agili-T models, Agili-T Network provides the ultimate in addressable lighting control, from personal control to building-wide control.

Unique engineering: Agili-T offers all-in-one mechanical, electrical and network connections (Patent pending)

STYLE

Agili-T is a classic, with universal appeal in a small package well-suited to all kinds of office spaces and all kinds of interior decors.

MOBILITY

Agili-T is made to move around. It is the only luminaire designed with all the freedom required to meet the evolving lighting needs of frequent work space remodeling.

ADAPTABILITY

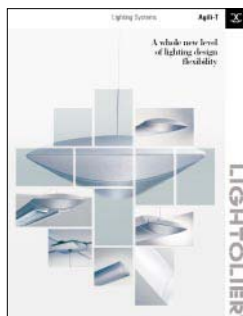
Agili-T meets individual preferences like no other pendant, thanks to a choice of optics, installation versatility and designed-in control options.

AFFORDABILITY

Agili-T delivers real value for lay-in grid applications. Its green design saves on energy and materials, and substantially lowers installation and remodeling costs.

The Agili-T system is protected by 4 patents corresponding to the following components: Luminaire end-cap joint (6,568,830), Luminaire suspension bracket assembly (6,637,710), Luminaire suspension system (6,634,772), Luminaire assembly (patent pending).

This new catalog is a supplement to the existing selection of Agili-T systems. For complete technical data, consult the previous Agili-T brochure (cover page shown opposite, Catalog LOL27030).



Existing Agili-T selection

AGS Indirect 2-lamp Slim Body

AGU Indirect 1-lamp with Upper Compartment

AGL Direct/Indirect 2-lamp Slim Body

AGM Direct/Indirect 3-lamp with Independent Compartments enabling separate controls (e.g. double-switching)



The evolution of AGILI-T

With new models, new options and new accessories, Lightolier adds depth and versatility to the Agili-T line of architectural pendant lighting systems.

Two New Styles. A Renewed Presence.

*Visual Comfort.
Streamlined Look.*

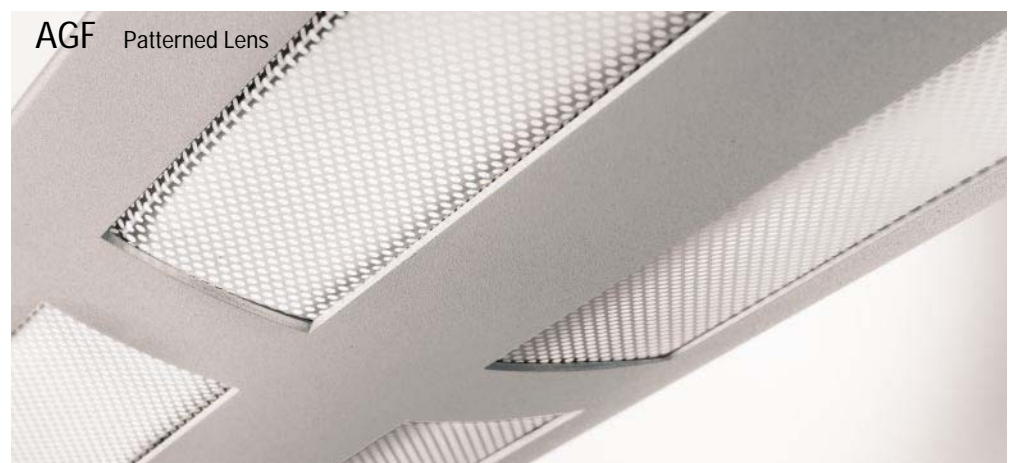
The new, broader selection of Agili-T luminaires comes in two new styles and features a range of low ceiling-to-luminaire contrasts for a less distracting, more uniformly lit ceiling plane.

*Microperforated Appeal.
Textured Ambience.*

A new perforated shielding (AGP) matches luminaire body color, providing a harmonious, modern look and good value. The dotted steel pattern with opal lens overlay ensures a low-contrast appearance.

*Luminous Lenses.
Subtle Lighting Solutions.*

New opal and patterned opal lensed models (AGO, AGF) offer the most luminous lighting opportunities. Their discreet, high-precision form results in a flush-to-body appearance that exudes elegance. A specially lens-on-lens design eliminates unsightly shadows produced by dust particle buildup.



Moving in new directions with AGILI-T

New Options



Low Voltage Track

Ingeniously built-in track combines general and accent lighting with style in one Agili-T luminaire. Dual circuits enable separate control of track heads and T5 fluorescent. Quiet electronic 120V/12V transformer integrated into luminaire housing, ensuring safe track lighting. Clean, wire-free look ideal for private offices, halls and reception areas. See p. 7 for details.



Motion Sensor and Infrared Remote Control

Small and discrete "intelligent" eye at center of luminaire supplies proven energy savings of up to 40%. Specially designed iGEN option using built-in Network-2 SmartVision motion sensor. Ideal for private offices and areas using one luminaire per person. Low-cost plug'n'play technology eliminating need for extra wiring and separate sensor installation on ceiling or walls. Choice of automatic stand-alone operation, individual manual control through optional wireless remote or network-integrated control through appropriate hardware and software (sold separately). See p. 9 for details.

Emergency Wiring Capabilities

New Agili-T power feed capabilities provide increased lighting design flexibility for commercial applications. Engineered for emergency lighting circuits, single-feed wiring can use a different power

source to feed an individual luminaire anywhere in a row. Group-feed wiring is especially suited to creating long rows using successive power feeds: it enables a different power source to feed multiple luminaires anywhere in a row. See p. 8 for details.

Added functionality: Single wiring is ideal for emergency lighting applications.



New Accessories

Wall & Furniture Mounting Systems

Agili-T applications now extend to office cubicle dividers and close-to-wall configurations without requiring any modification whatsoever to standard Agili-T luminaires. The clean look of Wall & Furniture Mounting Systems indeed supply architects and interior designers with more lighting possibilities than ever. These systems are ideal wherever ceilings must remain visually intact or when ceilings do not permit electrical connections. They feature hidden power feeds and a forgiving installation method. See p. 10-11 for details.



Esthetic continuity: The wall and partition mount products capitalize on Agili-T's elliptical geometry.



Convenient interchangeability: The same Agili-T luminaire can be mounted as a pendant, on furniture and against walls, facilitating mobility and workspace remodeling.

AGO

2-lamp Indirect with
Opal Lens

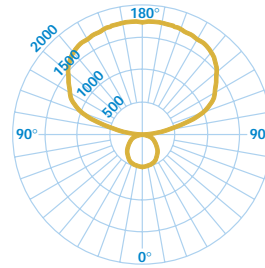


AGO opal lens emits 12% more direct light compared to the AGF lens.
Flush to body.

This luminaire presents a streamlined, uncluttered look that blends in well with most environments. Low-maintenance white or titanium textured paint finish. Exclusive extra-wide 2-lamp indirect distribution for uniform ceiling luminance with wide spacing. Powerful 54-watt lamps provide an 8,800-lumen nominal output that is ideal for indirect applications requiring high illuminance or incorporating many low reflectance surfaces. Agili-T Network version available with continuous wiring for individually controlled luminaires in a network configuration.

Features

- Opal lens delivers increased illuminance. 82% uplight, 18% downlight.
- Double opal lens has ultra-shallow cavity (approx. 3 mm) that prevents dirt image on lens
- Cold-formed lens technology for flush glass appearance
- Less contrast with ceiling luminosity, providing added visual comfort
- Motion sensor/infrared port version available with optional remote control for on/off, dim-up/dim-down (see p. 9)
- Ultra-light construction (4' luminaire less than 12 lbs.) favors mobility, adds installation and remodeling convenience
- Troublefree luminaire-to-luminaire connectivity and luminaire-to-end-cap installation
- Special joining device integrates mechanical, electrical (2 circuits) and communications (Agili-T Network version) connections (Patent pending)
- Continuous wiring capability built into every Agili-T luminaire
- Highly resistant, non-smudging finish for easy, hassle-free handling
- Seamless body and end-cap paint finish
- Reflector made of highly reflective matte aluminum



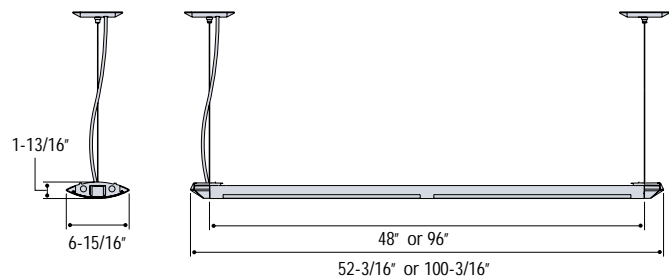
2 x 54W T5 at 4400 lumens.

Coefficients of Utilization

RF	20%	RC	80%
RW	70	50	30
RCR			
1	.80	.77	.73
3	.67	.59	.53
5	.56	.45	.39
7	.47	.37	.30
10	.37	.27	.21

Reference Data

Efficiency	88.4%
Maximum candela	1765



Ordering Guide

	Lum. Length	Lum. Width	Lum. Height	Lamps in a cross section	Lamp Qty/Type	Lamp Watts	Catalog Number †
Agili-T AGO Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	*AGO4PGRDS228
Textured Titanium Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGO4PGRDS254
Opal Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGO8PGRDS228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGO8PGRDS254
Agili-T AGO Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGO4PWHDS228
Textured White Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGO4PWHDS254
Opal Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGO8PWHDS228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGO8PWHDS254
Agili-T Network AGO Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGO4PGRDN228
Textured Titanium Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGO4PGRDN254
Opal Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGO8PGRDN228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGO8PGRDN254
Agili-T Network AGO Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGO4PWHDN228
Textured White Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGO4PWHDN254
Opal Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGO8PWHDN228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGO8PWHDN254



To Complete Catalog N° / Example AGO4PGRDS228UNVPG



*Luminaire

Voltage

120
277
347
UNV (120/277 Volt)

Ballast¹

PG: Program Start
DA: DALI Addressable
Ballast (UNV only)

DW: Integral Motion Sensor C/W DA Ballast (120 or 277 Only)
See p. 9

Option

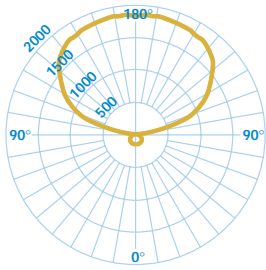
N.B.: See page 13 for complete ballast, voltage and options listings.

¹ AGO with PG ballast code comes standard with one 2-lamp ballast per 4' of luminaire. DA and DW available with AGILI-T Network only.

† Two-circuit version for added flexibility. To complete catalog N°, add voltage and ballast suffix.

AGF

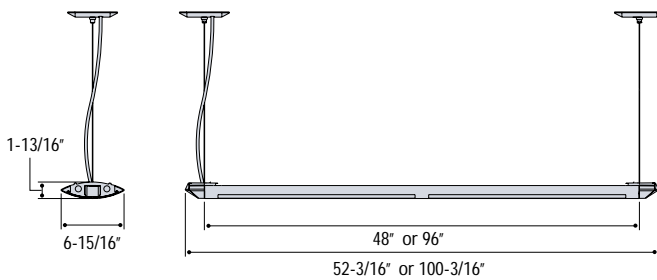
2-lamp Indirect with
Patterned Lens



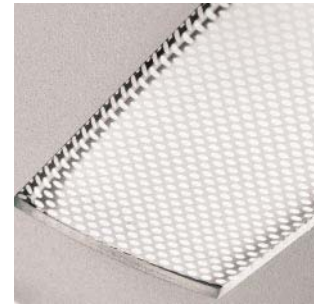
2 x 54W T5 at 4400 lumens.

Coefficients of Utilization			
RF	20%	RC	80%
RW	70	50	30
RCR			
1	.70	.66	.64
3	.58	.51	.46
5	.48	.39	.34
7	.41	.32	.26
10	.32	.23	.18

Reference Data	
Efficiency	79%
Maximum candela	1875



This luminaire presents a streamlined, uncluttered look that blends in well with most environments. Low-maintenance white or titanium textured paint finish. Exclusive extra-wide 2-lamp indirect distribution for uniform ceiling luminance with wide spacing. Powerful 54-watt lamps provide an 8,800-lumen nominal output that is ideal for indirect applications requiring high illuminance or incorporating many low reflectance surfaces. Agili-T Network version available with continuous wiring for individually controlled luminaires in a network configuration.



AGF patterned opal lens features new printed perforation technology. Flush to body.

Ordering Guide

	Lum. Length	Lum. Width	Lum. Height	Lamps in a cross section	Lamp Qty/Type	Lamp Watts	Catalog Number †
Agili-T AGF Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	*AGF4PGRDS228
Textured Titanium Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGF4PGRDS254
Patterned Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGF8PGRDS228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGF8PGRDS254
Agili-T AGF Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGF4PWHDS228
Textured White Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGF4PWHDS254
Patterned Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGF8PWHDS228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGF8PWHDS254
Agili-T Network AGF Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGF4PGRDN228
Textured Titanium Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGF4PGRDN254
Patterned Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGF8PGRDN228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGF8PGRDN254
Agili-T Network AGF Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGF4PWHDN228
Textured White Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGF4PWHDN254
Patterned Lens	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGF8PWHDN228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGF8PWHDN254

Features

- Patterned lens with round motif for extra-soft luminosity. Vacuum metalized pattern on opal polycarbonate lens. 94% uplight, 6% downlight.
- Double opal lens has ultra-shallow cavity (approx. 3 mm) that prevents dirt image on lens
- Cold-formed lens technology for flush glass appearance
- Less contrast with ceiling luminosity, providing added visual comfort
- Motion sensor/infrared port version available with optional remote control for on/off, dim-up/dim-down (see p. 9)
- Ultra-light construction (4' luminaire less than 12 lbs.) favors mobility, adds installation and remodeling convenience
- Troublefree luminaire-to-luminaire connectability and luminaire-to-end-cap installation
- Special joining device integrates mechanical, electrical (2 circuits) and communications (Agili-T Network version) connections (Patent pending)
- Continuous wiring capability built into every Agili-T luminaire
- Highly resistant, non-smudging finish for easy, hassle-free handling
- Seamless body and end-cap paint finish
- Reflector made of highly reflective matte aluminum



To Complete Catalog N° / Example AGF4PGRDS228UNVPG

AGF4PGRDS228	UNV	PG	
*Luminaire	Voltage 120 277 347 UNV (120/277 Volt)	Ballast ¹ PG: Program Start DA: DALI Addressable Ballast (UNV only) DW: Integral Motion Sensor C/W DA Ballast (120 or 277 Only) See p. 9	Option

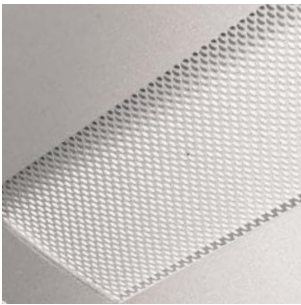
N.B.: See page 13 for complete ballast, voltage and options listings.

¹ AGF with PG ballast code comes standard with one 2-lamp ballast per 4' of luminaire. DA and DW available with AGILI-T Network only.

† Two-circuit version for added flexibility. To complete catalog N°, add voltage and ballast suffix.

AGP

2-lamp Direct with
Perforated Metal Shielding

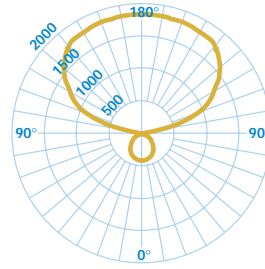


AGP perforated shielding includes an inner opal lens for softer light. Perforated shield is same color as body.

Minuscule perforations and slender design add to the contemporary elegance of the AGP. Luminaire suited to most interiors. Low-maintenance white or titanium textured paint finish. Exclusive extra-wide 2-lamp indirect distribution for uniform ceiling luminance with wide spacing. Powerful 54-watt lamps provide an 8,800-lumen nominal output that is ideal for indirect applications requiring high illuminance or incorporating many low reflectance surfaces. Agili-T Network version available with continuous wiring for individually controlled luminaires in a network configuration.

Features

- Perforated opening with opal lens overlay for soft luminous luminaire
- Less contrast with ceiling luminosity, providing added visual comfort
- Perforated metal shielding matches luminaire body color
- 87% uplight, 13% downlight
- Motion sensor/infrared port version available with optional remote control for on/off, dim-up/dim-down (see p. 9)
- Ultra-light construction (4' luminaire less than 12 lbs.) favors mobility, adds installation and remodeling convenience
- Troublefree luminaire-to-luminaire connectability and luminaire-to-end-cap installation
- Special joining device integrates mechanical, electrical (2 circuits) and communications (Agili-T Network version) connections (Patent pending)
- Continuous wiring capability built into every Agili-T luminaire
- Highly resistant, non-smudging finish for easy, hassle-free handling
- Seamless body and end-cap paint finish
- Reflector made of highly reflective matte aluminum



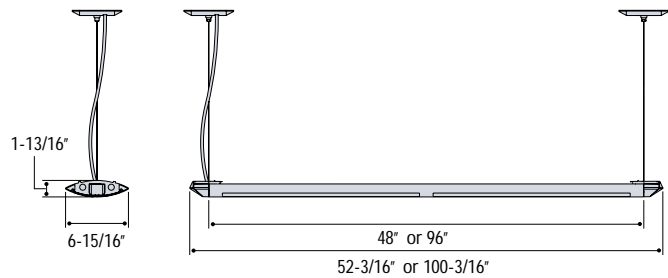
2 x 54W T5 at 4400 lumens
(white finish)

Coefficients of Utilization

RF	20%	RC	80%
RW	70	50	30
RCR			
1	.76	.73	.70
3	.63	.59	.51
5	.53	.43	.38
7	.45	.35	.29
10	.35	.26	.20

Reference Data

Efficiency	84.9%
Maximum candela	1836



Ordering Guide

	Lum. Length	Lum. Width	Lum. Height	Lamps in a cross section	Lamp Qty/Type	Lamp Watts	Catalog Number †
Agili-T AGP Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	*AGP4PGRDS228
Textured Titanium Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGP4PGRDS254
Microperforated	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGP8PGRDS228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGP8PGRDS254
Agili-T AGP Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGP4PWHDS228
Textured White Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGP4PWHDS254
Microperforated	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGP8PWHDS228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGP8PWHDS254
Agili-T Network AGP Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGP4PGRDN228
Textured Titanium Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGP4PGRDN254
Microperforated	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGP8PGRDN228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGP8PGRDN254
Agili-T Network AGP Indirect	48"	6-15/16"	1-13/16"	2	2-T5	28W	AGP4PWHDN228
Textured White Finish	48"	6-15/16"	1-13/16"	2	2-T5	54W	AGP4PWHDN254
Microperforated	96"	6-15/16"	1-13/16"	2	4-T5	28W	AGP8PWHDN228
	96"	6-15/16"	1-13/16"	2	4-T5	54W	AGP8PWHDN254



To Complete Catalog N° / Example AGP4PGRDS228UNVPG



*Luminaire

Voltage

120

277

347

UNV (120/277 Volt)

Ballast¹

PG: Program Start

DA: DALI Addressable

Ballast (UNV only)

DW: Integral Motion Sensor C/W DA

Ballast (120 or 277 Only)

See p. 9

Option

N.B.: See page 13 for complete ballast, voltage and options listings.

¹ AGP with PG ballast code comes standard with one 2-lamp ballast per 4' of luminaire. DA and DW available with AGILI-T Network only.

† Two-circuit version for added flexibility. To complete catalog N°, add voltage and ballast suffix.

Options

Integral Low Voltage Track



Complement the general indirect lighting of Agili-T luminaires with elegant accent lighting using the integral track option. Fed by a separate circuit, track heads create dramatic lighting effects that harmonize well with Agili-T uplighting. No wires, clean lines and a minimalist low-profile monorail ensure a discreet look. Track heads can be located anywhere on the track and are fully adjustable (360° rotation, 270° pivot). Precision-machined conductor track and track heads feature a satin aluminum finish.

Features

- Available only on 120-volt AGS (consult representative for availability on other models).
- Quiet electronic low-voltage transformer integrated in Agili-T luminaire housing.
- Utilization of both luminaire circuits for separate control of indirect and track lighting.
- Extruded aluminum conductor tracks provide discreet power feed.
- Satin aluminum track heads and track.
- Track heads rotate 360° at socket, pivot 270°.
- 2 track heads per 4 feet of track.
- 8-foot luminaires include 2 electrically independent 4-foot tracks on the same circuit.
- Maximum track head wattage per 4 feet of track: 60 watts.
- Maximum lamp wattage per track head: 50 watts.
- Additional track heads available (sold separately).
- Track option not compatible with motion sensor option.

Ordering Guide

	Lum. Length	Lum. Width	Lum. Height	T5 Lamps in a linear cross section	Lamp Qty/Type	T5 Lamp Watts	Catalog Number
Agili-T AGS	48"	6-15/16"	1-13/16"	2	2-T5/2-MR16	28W	AGS4PGRDS228120PG2
Indirect	48"	6-15/16"	1-13/16"	2	2-T5/2-MR16	54W	AGS4PGRDS254120PG2
Textured Titanium Finish	96"	6-15/16"	1-13/16"	2	4-T5/4-MR16	28W	AGS8PGRDS228120PG4
with Low Voltage Track	96"	6-15/16"	1-13/16"	2	4-T5/4-MR16	54W	AGS8PGRDS254120PG4
Agili-T AGS	48"	6-15/16"	1-13/16"	2	2-T5/2-MR16	28W	AGS4PWHDS228120PG2
Indirect	48"	6-15/16"	1-13/16"	2	2-T5/2-MR16	54W	AGS4PWHDS254120PG2
Textured White Finish	96"	6-15/16"	1-13/16"	2	4-T5/4-MR16	28W	AGS8PWHDS228120PG4
with Low Voltage Track	96"	6-15/16"	1-13/16"	2	4-T5/4-MR16	54W	AGS8PWHDS254120PG4

Individual Track Head : Order separately. Catalog number AGTH.

Options

Special Power Feed Wiring

Agili-T features two new wiring options – single-feed and group-feed – that increase power feed capabilities and, as a result, extend luminaire configuration versatility and functionality.

Features

- Single-feed and group-feed wiring options available on all Agili-T luminaires.
- Both wiring options are double-circuit and prewired for network communications.
- 18-gauge wire feed, maximum of 10 amps per circuit.
- Choice of voltages: 120, 277 or 347.
- Material included: selected luminaire with white power feed cable hardwired to electrical power and network communications, plus a style-matched painted canopy with opening for power feed.

Single-feed Wiring

The single-feed wiring option is ideal for powering stand-alone emergency luminaires on a separate circuit, whether the luminaire is located at the extremity of a row or within a row.

- Mechanical connections on both ends of luminaire.
- No electrical/network connections on either end of luminaire.

Group-feed Wiring

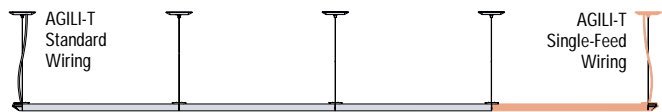
The group-feed wiring option is suitable for extending continuous rows indefinitely, as it can power a new 10-amp series of luminaires within a row. It can also serve to power multiple emergency lighting luminaires on a separate circuit.

- Mechanical connections on both ends of luminaire.
- Electrical/network connections on one end of luminaire (i.e. the end opposite to the power feed connection).

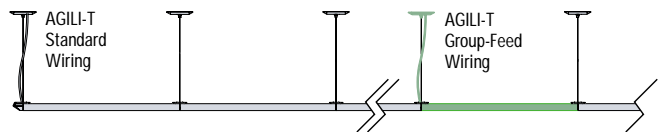
How to order

Luminaires with single-feed or group-feed wiring do not come with suspension kits. As they are normally installed within a row, simply order the usual number of power feed suspension kits and standard suspension kits for your configuration. For more information, consult your Lightolier representative or refer to pp. 12-13 in the previous Agili-T brochure (catalog LOL27030).

Emergency application



Application with multiple feed



Single-feed Wiring

1. Choose Agili-T luminaire.
2. Choose Power Feed Suspension Kit – One Kit per row at row extremity.
3. Choose Suspension Kit – One Kit per luminaire in the row.
4. Choose Agili-T luminaire with Single-feed Wiring (for emergency lighting in row or at row extremity).
6. If continuing row, choose Agili-T luminaire with Group-feed Wiring to start new circuit within row.
8. Choose appropriate Mounting Elements (e.g. One-piece T-bar wraparound clip).

Group-feed Wiring

1. Choose Agili-T luminaire.
2. Choose Power Feed Suspension Kit – One Kit per row at row extremity.
3. Choose Suspension Kit – One Kit per luminaire in the row.
4. Choose Agili-T luminaire with Group-feed Wiring (for new circuit within row).
6. Choose appropriate Mounting Elements (e.g. One-piece T-bar wraparound clip).

Ordering Guide

Single-feed wiring

Use wiring suffix DI. E.g. AGS4PGRDI228UNVPG

Group-feed wiring

Use wiring suffix DG. E.g. AGS4PGRDG228UNVPG

See page 13 for complete ballast, voltage and options listings.

Options



Integral Motion Sensor iGEN Network-2 SmartVision

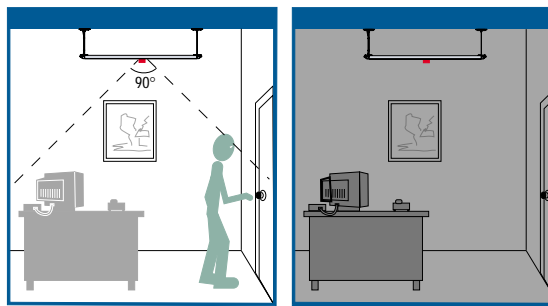
Studies show that people are out of their office nearly 40% of the time, creating energy saving opportunities through occupancy sensing. The Integral Motion Sensor option is available on every Agili-T luminaire, except models with track option. Tiny—the size of a dime—and discrete, it is ideal for private offices and workspace enclaves using dividers. This specially designed iGEN option uses a Network-2 SmartVision motion sensor. Agili-T luminaires with this built-in option also incorporate an iGEN DALI network addressable ballast. They can be used individually with or without an iGEN Infrared Remote Control (sold separately). They can also be integrated into a network and addressed through desktop controls.



Lightolier's new iGEN family of intelligent lighting systems includes Agili-T luminaires equipped with the Motion Sensor option (see p. 12 for details).

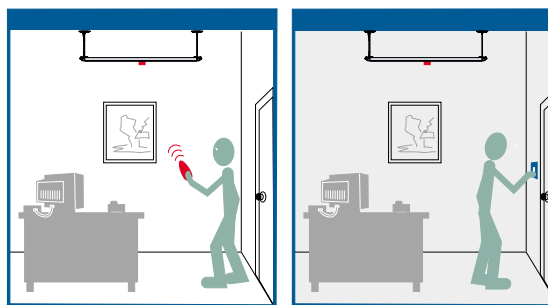
Features

- Luminaires with Integral Motion Sensor come prewired for network communications; they can operate as stand-alone units (with or without wireless remote control) or within an iGEN DALI Network.
- Plug'n'Play for individual operation – All luminaires are factory programmed to be operational right out of the box (no programming required).
- Factory settings (including shutoff time delay) can be modified using iGEN DALI compatible network software and hardware (sold separately).
- One Network-2 SmartVision motion sensor/infrared port per luminaire.
- Sensor located in the middle of a 4-foot luminaire; located 2 feet from the end of an 8-foot luminaire.
- Detects motion in an area equivalent to the light distribution of one luminaire.
- Factory-set time delay to shut down: 12 min.
- Auto-OFF/Auto-ON (individual luminaires always switched to full intensity; memory switches on last light level when using wireless remote control or iGEN DALI network control).
- Motion sensor option not compatible with track option.



Motion Sensor
Commands the luminaire to turn on when movement is recognized, turn off in absence of movement (after factory-set 12 min. time delay).

- 30% of added energy savings (tested average).
- Sensor has 90° cut-off angle of vision.



Infrared Remote Control
Encourages occupants to apply proper lighting levels and maximize energy savings.

- 10% of added energy savings (tested average).
- Turn luminaire ON/OFF, Dim UP, Dim DOWN.



Ordering Guide

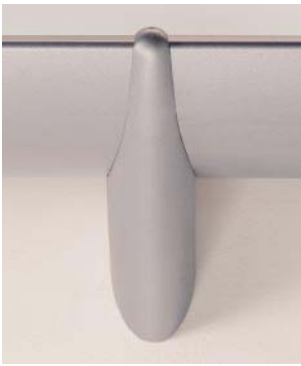
Integral Motion Sensor
Use ballast suffix DW. E.g. AGS4PGRDN228120DW
See p. 13 for complete ballast, voltage and options listings.

Infrared Remote Control
Order separately. Catalog number IGEN-B4-CONT

Accessories



Luminaire joints are easily hidden by wall or furniture support arms.



Agili-T furniture mounting is compatible with most Steelcase furniture systems.



Miniature setscrews ensure luminaire is firmly held in wall or furniture supports.



Locking segment design facilitates installation: Luminaire is deposited on support (no threading required) before triangular segment clip is fastened using tiny setscrew.

Blending in well with the original Agili-T design, Wall & Furniture Mounting Systems create new lighting opportunities within office cubicles and wall configurations. Unlike many similar competing accessories, no modifications are required to Agili-T luminaires. Indeed, Agili-T Wall & Furniture Mounting Systems were designed around Agili-T luminaires to ensure a clean, integrated look and maximum ease of installation.

Features

- Compatible with all Agili-T luminaires without any modification to the luminaire.
- Ultra-light construction (aluminum extrusions) favoring mobility, adding installation and remodeling convenience.
- Ideal wherever a clean ceiling appearance is desirable.
- Practical and esthetic solution when there is no space in the ceiling for a recessed electrical conduit and electrical box.
- Highly resistant, non-smudging finish for easy, hassle-free handling.
- Consistent appearance: supports, luminaire body and end-caps share identical paint finish.
- Support arms can be located up to 3" before or after luminaire junction for added flexibility in avoiding installation obstacles (except louvered, lensed and microperforated shielding models, which require that the arm be on the joint).
- Power feed supports must be installed at the beginning of a row and at the luminaire/end-cap junction (end-cap cavity holds supplied quick connector).



Numbering Logic

Power Feed Wall & Furniture Support Kits

AG	FS	18	G	G	UNV	DS
Family	Type	Length	End-Cap Color	Support Color	Voltage	Wiring
AG: Agili-T	FS: Furniture Support Kit WS: Wall Support Kit	6: 6" (furniture) 12: 12" (furniture) 18: 18" (furniture) 24: 24" (furniture) XX: No height (wall)	G: Titanium W: White	G: Titanium W: White	UNV: 120/277V 347: 347V Cable	DS: Double-circuit DN: Double-circuit Network (UNV only)

Wall & Furniture Support Kits

AG	FS	18	X	G
Family	Type	Length	End-Cap Color	Support Color
AG: Agili-T	FS: Furniture Support Kit WS: Wall Support Kit	6: 6" (furniture) 12: 12" (furniture) 18: 18" (furniture) 24: 24" (furniture) XX: No height (wall)	X: No end-cap	G: Titanium W: White

Accessories

Furniture Mounting System

- Fits most Steelcase furniture systems. Consult your Lightolier or Steelcase representative for compatibility.
- Universal adapter accommodates a wide range of partitions.
- Choice of 4 furniture support lengths suited to the ceiling height, partition height of different environments.
- Hidden power feeds (connections in electrical box inside partition).
- Trouble-free installation method: request Instruction Sheets SH20848A and SH20848B.

Ordering Guide

Step 1- Power Feed Furniture Support Kit

Order one Power Feed Furniture Support Kit per row or individual luminaire. Includes:

- Choice of lengths: 6", 12", 18" or 24".
- White or titanium end-caps (2). One end-cap has special notch to dis-simulate wiring.

Ordering Guide (cont'd)

- White or titanium power feed support (must be installed at row extremity and at joint).
- E.g. AGFS18GGUNVDS

Step 2- Power Feed Universal Adaptor

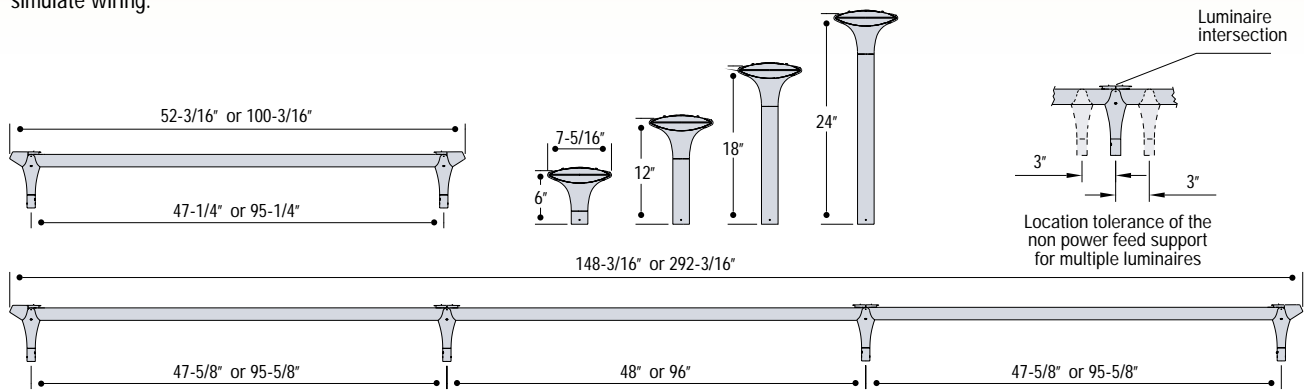
Order one Power Feed Universal Adaptor per Power Feed Furniture Support Kit. Catalog number: AGFSPWR.

Step 3- Furniture Support Kit

Order one Furniture Support Kit per individual luminaire. Includes white or titanium support. Choice of lengths: 6", 12", 18" or 24". No end-cap provided. E.g. AGFS18XG

Step 4- Universal Adaptor

Order one Universal Adaptor per Furniture Support Kit. Catalog number: AGFSMNT.



Wall Mounting System

- Suited to lobbies corridors and private offices.
- Streamlined look.
- Hidden power feeds with electrical connections inside the wall bracket.
- Trouble-free installation method: request Instruction Sheet SH20847.

Ordering Guide

Step 1- Power Feed Wall Support Kit

Order one Power Feed Wall Support Kit per row or individual luminaire. Includes:

- White or titanium end-caps (2). One end-cap has special notch to dis-simulate wiring.
- White or titanium power feed support (must be installed at row extremity and at joint). E.g. AGWSXXGGUNVDS

Ordering Guide (cont'd)

Step 2- Wall Support Kit

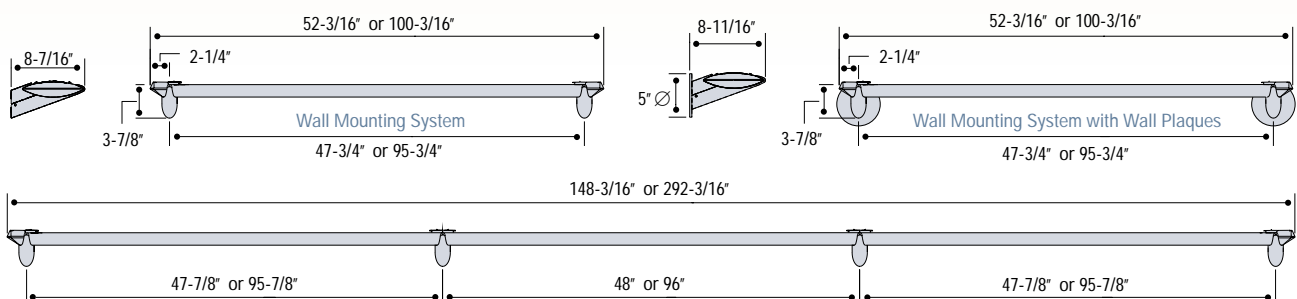
Order one Wall Support Kit per individual luminaire. Includes white or titanium support. No end-cap provided. E.g. AGWSXXXG

Step 3- Wall Plaque (if required)

Order one Wall Plaque per wall support. Catalog number: AGWEW (White), AGWEG (Titanium).

- Special matching cover for use when making electrical/network connections in an octagonal box (by others) instead of inside the wall support cavity.

Note: Agili-T Network connections require an electrical box, as there is insufficient space in the wall support cavity for the extra connectors needed for network communications.



iGEN and AGILI-T NETWORK

iGEN, The Intelligent Generation of Luminaires

iGEN is a Lightolier brand devoted exclusively to intelligent lighting systems that offer vast new capabilities for lighting control. For example, the lighting produced by individual luminaires or groups of luminaires can be fine-tuned according to the preferences of occupants and/or building administrators. The iGEN product line includes a variety of Lightolier products including Agili-T Network, Alter SmartVision and other luminaires that incorporate advanced sensing and network features.

iGEN™

iGEN DALI

Lightolier iGEN systems are based on the DALI (Digital Addressable Lighting Interface) communication protocol. This means that every iGEN luminaire is fitted with an iGEN DALI addressable ballast. DALI is an international standard that establishes a common language for communication between a wide variety of lighting controls and electronic control devices. As an open protocol, DALI is compatible with other open protocols, such as BACnet and LonTalk, presenting opportunities for total building system integration.

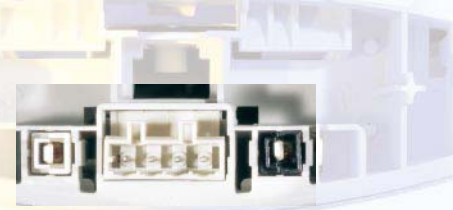
The Agili-T Network advantage

Agili-T Network luminaires are part of the iGEN family of luminaires, as they integrate a DALI ballast. But Agili-T Network luminaires have the extra advantage of built-in continuous network wiring and quick connectors engineered around DALI ballast technology. These capabilities make Agili-T Network the most advanced luminaire in the iGEN series, whether for personal control or building-wide control.

Foolproof wiring.
Ease of installation.

Agili-T Network represents the first network-prewired luminaire of its kind. It therefore offers the added convenience of troublefree connections.

Communication jacks need only to be installed at the power feed, because the luminaire's integrated network cabling ensures lighting control throughout the circuit. Also, because Agili-T luminaires are plug'n'play and easily interchangeable, any problem can be rapidly solved in minutes by simply replacing a luminaire.



The first of its kind, Agili-T Network provides single luminaire control resolution with integrated control wiring. Lightolier's cost-effective design opens new horizons for personalized pendant/wall/furniture lighting control on any scale.

The iGEN team at your service

To implement an iGEN project with Agili-T Network luminaires or other iGEN systems, architects, designers and lighting professionals can count on expert assistance from the iGEN technical support team. They can help you perform luminaire selection, overall planning, project design and system commissioning for lighting networks of all sizes. Consult your Lightolier representative for details.

Taking control with iGEN

iGEN projects deliver superior lighting design flexibility through a range of control methods. In terms of cabling, iGEN luminaires use 2 extra wires for communication, conveniently located in the same conduit as the power wires, eliminating the need for added infrastructure. Communication is achieved by sending signals along this DALI circuit, which is connected to a power supply.



Wall Controls

Instead of controlling groups of luminaires by circuit, groups can be established by address and controlled with a group controller. Wall control options range from simple group dimmers or broadcast controls to programmable scene controllers.



SmartVision Sensors

With sensors built into selected Lightolier products, lights will dim and/or switch off when not needed according to occupancy and/or daylight. Depending on the sensor technology chosen, sensors may operate luminaire using factory settings or they may be programmed using infrared remote control or administrator software and hardware.



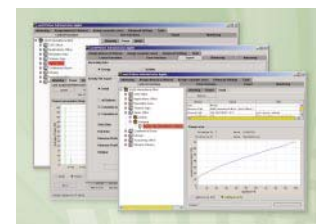
Infrared Remote Control

When computer control is not feasible, a simple solution is to dim individual luminaires or circuits using a wireless handheld remote control. A multifunctional sensor in the luminaire receives the wireless signal and initiates dimming (see Integral Motion Sensor option, page 9).



Local PC Control

By clicking on a desktop icon, an on-screen control panel allows users to directly control assigned ballasts through their PC. Occupants can select one of four predefined light levels (scenes), modify light levels with the on-screen dimmer or customize light scene settings.



Central Computer Control

Building-wide network control is achieved by transmitting lighting control messages over a building's intranet system to a lighting server, which relays the command to the appropriate ballast or groups of ballasts by address. The administrator program enables system configuration, energy consumption analysis and other applications, which can be accessed at any networked computer, giving central control capabilities at convenient locations.

Numbering Logic & Physical Dimensions

Agili-T Luminaires

AG	S	4	P	GR	DN	2	28	UNV	PG	
Family AG: Agili-T	Type	Luminaire Length 4: 4' 8: 8'	Mounting	Housing Finish GR: Titanium WH: White	Wiring*	Lamp Qty in a cross section 1 2 3	Lamp 28: 28W T5 54: 54W T5	Voltage 120: 120V 277: 277V 347: 347V UNV: Dual Voltage 120/277V	Ballast	Options 2: Integral Track with 2 Track Heads 4: Integral Track with 4 Track Heads
	S: Indirect Slim Body U: Indirect with Upper Compartment L: Direct-Indirect Slim Body with Single Optic & Louvers M: Direct-Indirect with Independent Compartments (Multiple Optics) & Louvers O: Opal Lens F: Patterned Opal Lens P: Perforated Steel Shielding		P: Pendant (Compatible with Wall & Furniture Mounting Systems)		DS: Double-circuit DN: Double-circuit Network DI: Single-feed Double-circuit Network DG: Group-feed Double-circuit Network				DW: iGEN DALI Addressable T5 with Network-2 SmartVision Integral Motion Sensor (120 or 277V only) DA: iGEN DALI Addressable T5 (UNV only) PG: Electronic Program Start T5	

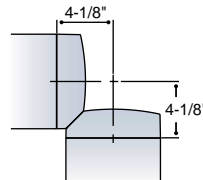
Agili-T Accessories

Suspension Kit (Patent # 6,634,772)

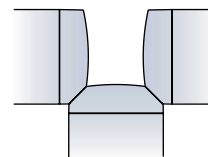
AG	AC	24	X	G
Family AG: Agili-T	Type AC: Aircraft cable, canopy and joiner mechanism	Suspension Length 24: Adjustable 6-24" 36: Adjustable 6-36"	End-cap Color X: N/A	Canopy Color G: Titanium W: White

End-cap Row Joiners (Patent # 6,568,830)

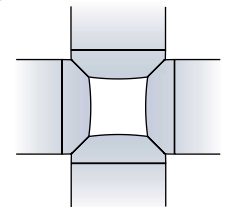
AG	CG	L	DS
Family AG: Agili-T	Type CG: Titanium CW: White	Shape* L: 90° "L" shape, 2 rows T: "T" shape, 3 rows X: "X" shape, 4 rows	Wiring* DS: Double-circuit DN: Double-circuit Network



"L" shape



"T" shape



"X" shape

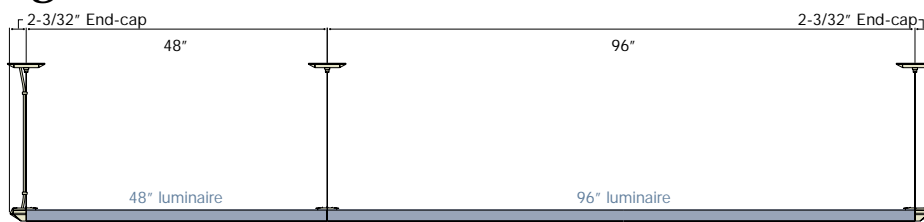
Power Feed Suspension Kit* (Patent # 6,634,772)

AG	EC	24	G	G	120	DS
Family AG: Agili-T	Type EC: End-caps (2), aircraft cable, canopy, joiner mechanism	Suspension Length 24: Adjustable 6-24" 36: Adjustable 6-36"	End-cap Color G: Titanium W: White	Canopy Color G: Titanium W: White	Voltage 347: 347V Cable UNV: 120/277V	Wiring* DS: Double-circuit DN: Double-circuit Network

Mounting Elements (T-bar Clip Patent # 6,637,710)

- AGTB One-piece T-bar wraparound clip for standard T or narrow T
- AGSB One-piece T-bar wraparound clip for slot T (consult your Lightolier representative for availability)
- AGOG Off-grid holding bar
- AGEB[†] One-piece T-bar wraparound clip for standard T or narrow T with integrated easy-access Lightolier electrical box
- AGES[†] One-piece T-bar wraparound clip for slot T with integrated easy-access Lightolier electrical box (consult your Lightolier representative for availability)
- AGEO[†] Off-grid holding bar with integrated easy-access Lightolier electrical box

Agili-T Dimensions



Pendants measure exactly 48" or 96" (plus end-caps) to facilitate installation.

Contents	
The evolution of Agili-T	1
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New accessories	10
iGEN and Agili-T Network	12

* 18-gauge wire. Maximum of 10A per breaker. 2 circuits using 2 breakers with common neutral.
 † For maximum flexibility, all wiring options include continuous 2-circuit wiring. For example, with one circuit for the upper compartment and one circuit for the lower compartment, single and double compartment luminaires can be mixed. Also, 2-circuit wiring enables separate control of AGS and track heads (see track option).
 ‡ Listed as a standard electrical box for through-branch wiring.
 L: Order 1 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 1, T: Order 2 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 1,
 X: Order 2 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 2



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