

Ordering information

AG	S	4	P	GR	DS	2	28	UNV	PG	
Family	Type	Luminaire Length	Mounting	Housing Finish	Wiring	Lamp Qty in a cross section	Lamp	Voltage	Ballast	Options
AG: Agili-T	S: Indirect Slim Body	4: 4' 8: 8'	P: Pendant (Compatible with Wall & Furniture Mounting Systems)	GR: Titanium WH: White	DS: Double-circuit DN: Double-circuit Network-Ready DI: Single-feed Double-circuit Network DG: Group-feed Double-circuit Network	2	28: 28W T5 54: 54W T5HO	120: 120V 277: 277V 347: 347V UNV: Universal Voltage 120/277V	DW: iGEN DALI Addressable T5/T5HO with Network-2 MultiSense Integral Motion Sensor (120 or 277V only) DA: iGEN DALI Addressable T5/T5HO (UNV only) PG: Electronic Program Start T5/T5HO	

Note : Luminaire comes without end-caps

Features

- Indirect, 85.1% efficient using T5 lamp technology (2xT5).
- Ultra-Light construction (4' luminaire less than 12 lb / 5.5 kg) favors mobility, adds installation and remodeling convenience.
- Wide indirect distribution for uniform ceiling luminance.
- Trouble-free luminaire-to-luminaire connectability and luminaire-to-end-cap installation.
- Special die-cast aluminum joining mechanism (patent # 6,769,784) providing continuous trouble-free, simultaneous mechanical and electrical connections (plus network connections on Agili-T Network version), as well as no-hassle end-cap installation.
- Built-in network connectors and wiring (Agili-T Network).

Construction

- One-piece aluminum extrusion
- Highly resistant composite plastic end-cap
- Optic made of highly reflective matte aluminum

Electrical

- AGS with PG ballast code comes with one 2-lamp ballast per 4' of luminaire.
- Standard product offering (DS and DN version, 120V and 277V only) includes continuous 2-circuit wiring, one circuit for the upper compartment (if applicable) and one circuit for the lower compartment (if applicable). Single and double compartment luminaires can be mixed.
- DA and DW available with Agili-T Network only.
- Integrated quick connectors for power and network cable (Agili-T Network only) and auto plug-in connections between luminaires.
- 18-gauge wire, maximum 10A per circuit.

Mounting

- Suspension points on module: every 4' (4' luminaire) or every 8' (8' luminaire).
- Fast installation using mounting clip for Standard T-bar and Slim T-bar or for Slot T-bar (see next page).

Finish

- Seamless color and texture finish between luminaire and end-caps.
- Available with textured (white or titanium) high resistant powder-based coating.

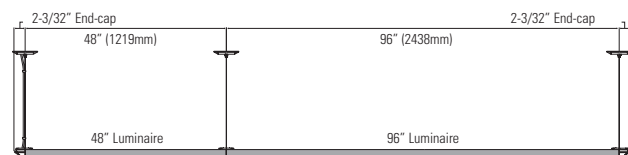
Options and accessories

- Emergency circuiting

Labels



Fixture lengths & mounting locations



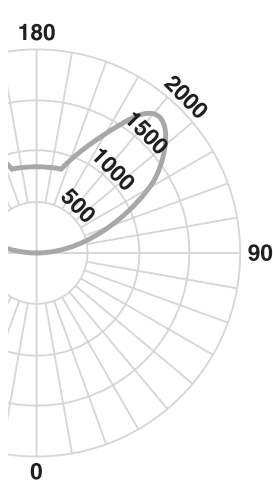
Pendants measure exactly 48" or 96" (plus end-caps) to facilitate installation.

- ** If electrical junction box is needed to connect emergency wiring, order AGEGB, AGES or AGEQ.
- *** 18-gauge wire. Maximum of 10A per breaker. 2 circuits using 2 breakers with common neutral.
- ▼ For maximum flexibility, DS & DN wiring options include continuous 2-circuit wiring: one circuit for upper compartment, one circuit for lower compartment (single and double compartment luminaires can be mixed).
- End-cap Row Joiners:
 - 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
- † Listed as a standard electrical box for through-branch wiring.
- †† Consult your Lightolier representative for other adapter shapes.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Performance

CANDLEPOWER CURVE



ZONE DEG	0	22,5	45	67,5	90
180	768	768	768	768	768
175	765	757	752	765	767
170	750	739	765	764	762
165	731	741	756	773	766
160	707	721	745	812	848
155	684	688	763	953	1018
150	641	663	857	1103	1196
145	600	642	975	1300	1438
140	552	625	1086	1521	1612
135	497	644	1253	1581	1619
130	439	672	1326	1478	1499
125	370	692	1264	1346	1362
120	310	754	1114	1153	1154
115	242	748	936	935	920
110	171	647	726	722	722
105	119	482	511	505	500
100	59	287	301	275	261
95	21	109	98	74	66
90	0	0	0	0	0

REPORT NO: LSC8530
 CAT. NO: AGS4PWHDS228UNVPG
 2 x 28W T5 at 2610 lumens. Efficiency: 85.1%
 Maximum candela: 1646 cd. Peak at: 137.5°

CANDLEPOWER

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD • EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

ROOM CAVITY RATIO	Wall reflectance											
	80				70				50			
	70	50	30	70	70	50	30	10	50	30	10	
0	.81	.81	.81	.81	.69	.69	.69	.69	.47	.47	.47	
1	.74	.70	.67	.65	.63	.60	.58	.55	.41	.40	.38	
2	.67	.61	.56	.52	.57	.52	.48	.45	.36	.34	.32	
3	.61	.54	.48	.44	.52	.46	.42	.38	.32	.29	.27	
4	.56	.47	.41	.37	.47	.41	.36	.32	.28	.25	.22	
5	.51	.41	.36	.31	.43	.36	.31	.27	.25	.22	.19	
6	.47	.37	.31	.26	.40	.32	.27	.23	.22	.19	.16	
7	.43	.33	.27	.23	.36	.29	.23	.20	.20	.16	.14	
8	.40	.30	.24	.20	.34	.26	.21	.17	.18	.15	.12	
9	.37	.27	.21	.17	.31	.23	.18	.15	.16	.13	.11	
10	.34	.25	.19	.15	.29	.21	.16	.13	.15	.12	.09	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 57.7

DISTRIBUTION

ZONE	LUMENS	%LAMP	% LUMINAIRE
0-30	667	12.79	15.02
0-40	1287	24.67	28.97
0-60	3079	59.00	69.29
0-90	4444	85.14	100.00
40-90	3156	60.47	71.03
60-90	1364	26.15	30.71
90-180	0	.00	.00
0-180	4444	85.14	100.00

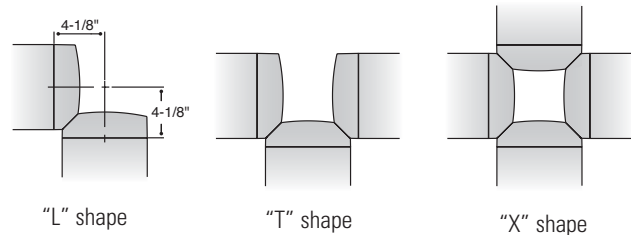
Agili-T Accessories

Suspension Kit (Patent # 6,634,772)

AG	AC	24	X	G
Family	Type	Suspension Length	End-cap Color	Canopy Color
AG: Agili-T	AC: Aircraft cable, canopy and joiner mechanism	24: Adjustable 6'-24" 36: Adjustable 6'-36"	X: N/A	G: Titanium W: White

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

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



Ordering instructions

1. Choose Agili-T luminaire.
2. Choose Power Feed Suspension Kit. One Kit per individual luminaire or one per row at row extremity (18-gauge wire feed, maximum of 10A per circuit).
3. Choose Suspension Kit. One per luminaire.
4. Choose Mounting Elements. One per Suspension Kit.
5. Choose Mounting Elements With Junction Box. One per Power Feed Suspension Kit, as needed.

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

AG	EC	24	G	G	UNV	DS
Family	Type	Suspension Length	End-cap Color	Canopy Color	Voltage	Wiring†
AG: Agili-T	EC: End-caps (2), aircraft cable, canopy, joiner mechanism	24: Adjustable 6'-24" 36: Adjustable 6'-36"	G: Titanium W: White	G: Titanium W: White	347: 347V Cable UNV: 120/277V	DS: Double-circuit DN: Double-circuit Network-Ready

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

Job Information

Type: