Coplanar System Indirect

1-3/4"
44mm

2-1/16"
52mm

7-3/16"
183mm

48" (1219mm) or 96" (2438mm)

51-1/2" (1308mm) or 99-1/2" (2527mm)

Ordering information

AG	K	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

K: Indirect Agil-T Coplanar

4: 4'
8: 8'

P: Pendant

GR: Titanium
WH: White

DS: Double-circuit
DN: Double-circuit Network- Ready

1:1 lamp
2:2 lamps

28: 28W T5
54: 54W T5HO

120: 120V
277: 277V
347: 347V
UNV: Universal Voltage 120/277V

DW: iGEN DALI Adressable T5/T5HO with Network-2 MultiSense Integral Motion Sensor (120 or 277V only)

DA: iGEN DALI Adressable T5/T5HO (UNV only)

PG: Electronic Program Start T5/T5HO

Note : Luminaire comes without end-caps

Features
- 90% efficient using T5 lamp technology (2xF28T5).
- 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 pending) 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

Electrical
- AGK 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.
- 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 last 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

CSA
c   us

Special Power Feed Wiring
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.

Single-feed Wiring
1. Choose Agili-T luminaire. **2.** Choose Power Feed Suspension Kit - One Kit per row at row extremity. **3.** Choose Suspesion 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). **5.** If continuing row, choose Agili-T luminaire with Groupe-feed Wiring to start new circuit within row. **6.** 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 Suspesion Kit - One Kit per luminaire in the row. **4.** Choose Agili-T luminaire with Group-feed Wiring (for new circuit within row). **5.** Choose appropriate Mounting Elements (e.g. One-piece T-bar wraparound clip).
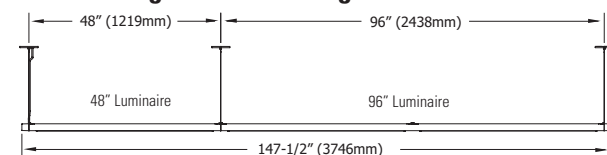
Ordering Guide

Single-feed wiring	Group-feed wiring
Use wiring suffix **DI**.	Use wiring suffix **DG**.
E.g. AGK4PGR**DI**228UNVPG	E.g. AGK4PGR**DG**228UNVPG

Fixture lenghts & mounting locations

48" (1219mm)   96" (2438mm)

48" Luminaire   96" Luminaire

147-1/2" (3746mm)

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

Job Information	**Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

LIGHTOLIER

Coplanar System Indirect

Performance

CANDLEPOWER CURVE
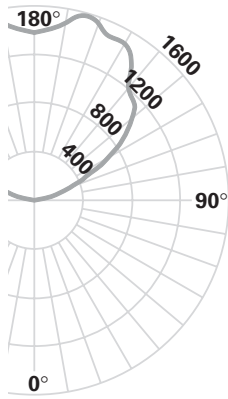
CANDLEPOWER

ZONE DEG	0	22.5	45	67.5	90
180	1365	1365	1365	1365	1365
175	1373	1367	1386	1410	1406
170	1349	1362	1411	1470	1472
165	1321	1356	1464	1551	1557
160	1286	1334	1501	1549	1537
155	1227	1334	1474	1485	1478
150	1162	1318	1397	1470	1482
145	1091	1278	1347	1413	1385
140	1009	1201	1302	1243	1204
135	907	1091	1154	1130	1152
130	812	982	982	1061	1048
125	702	895	908	914	900
120	591	765	780	743	714
115	478	585	610	545	521
110	361	466	428	346	336
105	240	321	233	178	164
100	132	152	84	61	52
95	29	22	5	0	0
90	0	0	0	0	0

REPORT NO: LSCA771
CAT. NO: AGK4PGRDS228120PG
2 x 28W T5 at 2610 lumens. Efficiency: 85.8%
Indirect Maximum candela: 1563 cd
Indirect Peak: 162.5°

COEFFICIENTS OF UTILIZATION
ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

	80				70				50		
Wall Reflectance											
	70	50	30	10	70	50	30	10	50	30	10
0	.82	.82	.82	.82	.70	.70	.70	.70	.48	.48	.48
1	.74	.71	.68	.65	.63	.61	.58	.55	.42	.40	.39
2	.67	.62	.57	.53	.57	.53	.49	.45	.36	.34	.32
3	.62	.54	.49	.44	.52	.46	.42	.38	.32	.29	.27
4	.56	.48	.42	.37	.48	.41	.36	.32	.28	.25	.23
5	.51	.41	.36	.31	.44	.36	.31	.27	.25	.22	.19
6	.47	.38	.31	.27	.40	.32	.27	.23	.22	.19	.16
7	.43	.34	.27	.23	.37	.29	.24	.20	.20	.17	.14
8	.40	.30	.24	.20	.34	.26	.21	.17	.18	.15	.12
9	.37	.27	.21	.17	.31	.23	.19	.15	.16	.13	.11
0	.34	.25	.19	.15	.29	.21	.17	.13	.15	.12	.09

(left axis label: Room Cavity Ratio)

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 64.0

DISTRIBUTION

ZONE	LUMENS	% LAMP	%LUMINAIRE
180-150	1195	22.91	26.71
180-140	2014	38.6	44.99
180-120	3642	69.78	81.34
180-90	4477	85.79	100
140-90	2463	47.19	55.01
120-90	835	16	18.66
0-90	0	0	0
0-180	4477	85.79	100

Agili-T Accessories

Power Feed Suspension Kit

AG	ER	24	G	G	120	DS
Family	Type Length	Suspension Color	End-cap Stem Color	Canopy /	Voltage	Wiring

AG: Agili-T

ER: Coplanar End caps (2) LevelLyte cable, canopy, joiner mechanism
ET: Coplanar End caps (2)Inverted Y cable, canopy, joiner mechanism
EU: Coplanar End caps (2) Stem suspension, canopy, joiner mechanism

*18: 18′ Stem
*24: 24′ Stem or cable
*36: 36″ Stem or cable

G: Titanium
W: White

G: Titanium
W: White

347: 347V
UNV: 120/277V

DS: Double circuit
DN: Double-circuit Network (Cable option only)
SS: Single Circuit (Stem option only)

Suspension Kit

AG	AV	24	X	G
Family	Type	Suspension Length	End-cap Color	Canopy / Stem Color

AG: Agili-T

AV: Neo and Coplanar System LevelLyte canopy and joiner mechanism
AY: Neo and Coplanar System Inverted Y canopy and joiner mechanism
AZ: Neo and Coplanar Stem System canopy and joiner mechanism

*18: 18′ Stem
*24: 24′ Stem or cable
*36: 36″ Stem or cable

X: N/A

G: Titanium
W: White

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.

General note :
* All stems are field cuttable.
** Consult factory for specialized circuit options utilizing stem suspensions.

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
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:**

LIGHTOLIER