

FEATURES & SPECIFICATIONS

INTENDED USE — 2GTL provides a digital lighting platform to deliver general ambient lighting for many applications such as schools, offices and hospitals. The light engine delivers long life and excellent color to ensure a sound quality, low-maintenance light installation. **Certain airborne contaminants can diminish integrity of acrylic.**

[Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Smooth hemmed sides and smooth inward formed end flanges for safe handling. Lighter-weight fixture allows for safe, easy installation.

OPTICS — Highly transmissive pattern #12 lens diffuses light source without compromising output.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. 2GTL is rated to deliver L70 performance at 50,000 hours.

LED Accudrive™ driver, delivers full-range dimming from 0-10V control signal.

Ballast disconnect is provided where required to comply with U.S. and Canadian codes.

INSTALLATION — Drivers and internal components are accessible from floor. LED boards include plug-in connectors for easy replacement or servicing. Suitable for direct insulation contact. Suitable for damp location.

LISTING — CSA certified to U.S. and Canadian standards. DLC Certified. Damp listed.

WARRANTY — 5-year limited warranty. Complete warranty terms located at

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

Contractor Select

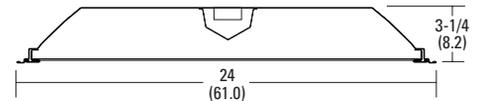
LED Troffers

2' x 2' and 2' x 4'
LED



Specifications

Length: 24 (61.0) for 2' x 2'
48 (122.0) for 2' x 4'
Width: 24 (61.0)
Depth: 3-1/4 (8.2)



All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: 2GTL2 LP835

Series	Door	Lens	Voltage	Color temperature
2GTL2 Recessed LED luminaire, nominal 3700 lumens, 43 input watts ¹	(blank) Flush steel, white	(blank) #12 pattern acrylic	(blank) MVOLT (120-277V) 347 347V ¹	LP835 82 CRI, 3500 Kelvin LP840 82 CRI, 4000 Kelvin
2GTL4 Recessed LED luminaire, nominal 4000 lumens, 43 input watts ¹				

Accessories: Order as separate catalog number.

DGA22 Drywall grid adapter for 2x2 recessed fixture.
DGA24 Drywall grid adapter for 2x4 recessed fixture.

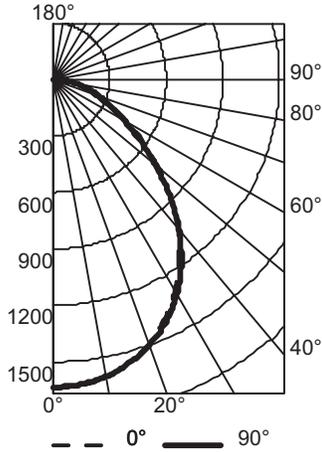
Notes

- Actual wattage may differ by +/- 5% when operating between 120-277V +/- 10%.
- Non-stock standard manufacturing lead times apply.
- Not available on 2GTL2

2GTL LED Troffers

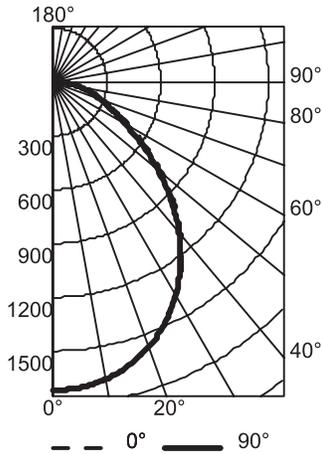
PHOTOMETRICS

2GTL2 LP835, 3743.9 delivered lumens, test no. LTL22786, tested in accordance to IESNA LM-79.



CP Summary			Coefficients of Utilization									Zonal Lumen Summary					
	0°	90	pf	80%			70%			50%			Zone	Lumens	% Lamp	% Fixture	
			pc	70%	50%	30%	50%	30%	10%	50%	30%	10%					
	0°	1632	1632	0	119	119	119	116	116	116	111	111	111	0° - 30°	1233	32.9	32.9
	5°	1632	1627	1	109	105	101	103	99	96	98	95	93	0° - 40°	1957	52.3	52.3
	15°	1557	1559	2	100	93	86	91	85	80	87	82	78	0° - 60°	3131	83.6	83.6
	25°	1399	1418	3	92	82	75	81	74	68	78	72	67	0° - 90°	3745	100.0	100.0
	35°	1165	1186	4	85	74	65	72	64	59	70	63	58	90° - 180°	0	0.0	0.0
	45°	879	875	5	78	66	58	65	57	51	63	56	51	0° - 180°	3745	100.0	100.0
	55°	589	560	6	73	60	52	59	51	45	57	50	45				
	65°	357	331	7	68	55	46	54	46	40	52	45	40				
	75°	213	186	8	63	50	42	50	42	36	48	41	36				
	85°	84	64	9	59	46	38	46	38	33	45	38	33				
	90	5	1	10	56	43	35	42	35	30	41	35	30				

2GTL4 LP835, 4006.7 delivered lumens, test no. LTL22798, tested in accordance to IESNA LM-79.



CP Summary			Coefficients of Utilization									Zonal Lumen Summary					
	0°	90	pf	80%			70%			50%			Zone	Lumens	% Lamp	% Fixture	
			pc	70%	50%	30%	50%	30%	10%	50%	30%	10%					
	0°	1717	1717	0	119	119	119	116	116	116	111	111	111	0° - 30°	1300	32.4	32.4
	5°	1709	1710	1	109	105	101	103	99	96	98	95	93	0° - 40°	2071	51.7	51.7
	15°	1638	1637	2	100	92	86	91	85	80	87	82	78	0° - 60°	3341	83.4	83.4
	25°	1484	1479	3	92	82	74	80	73	68	78	71	66	0° - 90°	4008	100.0	100.0
	35°	1254	1238	4	85	73	65	72	64	58	70	63	57	90° - 180°	0	0.0	0.0
	45°	957	930	5	78	66	57	65	57	51	63	56	50	0° - 180°	4008	100.0	100.0
	55°	641	607	6	73	60	51	59	51	45	57	50	45				
	65°	379	364	7	67	54	46	54	46	40	52	45	40				
	75°	205	219	8	63	50	42	49	41	36	48	41	36				
	85°	73	82	9	59	46	38	45	38	33	44	37	32				
	90	3	7	10	55	43	35	42	35	30	41	34	30				

lighting facts
A Program of the U.S. DOE

Light Output (Lumens) **3750**
Watts **43**
Lumens per Watt (Efficacy) **87**

Color Accuracy
Color Rendering Index (CRI) **84**

Light Color
Correlated Color Temperature (CCT) **3500 (Bright White)**

Warm White Bright White Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-YA3BKJ (12/19/2012)
Model Number: 2GTL2 LP835
Type: Surface-mounted or recessed troffers

lighting facts
A Program of the U.S. DOE

Light Output (Lumens) **3815**
Watts **43**
Lumens per Watt (Efficacy) **89**

Color Accuracy
Color Rendering Index (CRI) **81**

Light Color
Correlated Color Temperature (CCT) **4000 (Bright White)**

Warm White Bright White Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-WDXJUN (12/19/2012)
Model Number: 2GTL2 LP835
Type: Surface-mounted or recessed troffers

lighting facts
A Program of the U.S. DOE

Light Output (Lumens) **4000**
Watts **43**
Lumens per Watt (Efficacy) **93**

Color Accuracy
Color Rendering Index (CRI) **84**

Light Color
Correlated Color Temperature (CCT) **3500 (Bright White)**

Warm White Bright White Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: NJSM-LMF7EV (12/19/2012)
Model Number: 2GTL4 LP835
Type: Surface-mounted or recessed troffers

lighting facts
A Program of the U.S. DOE

Light Output (Lumens) **4065**
Watts **42**
Lumens per Watt (Efficacy) **97**

Color Accuracy
Color Rendering Index (CRI) **80**

Light Color
Correlated Color Temperature (CCT) **4000 (Bright White)**

Warm White Bright White Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: NJSM-ZX6MSH (12/19/2012)
Model Number: 2GTL4 LP835
Type: Surface-mounted or recessed troffers



LED-TROFFERS