



## ASSENT Series

### Architectural Recessed Troffer

**Assent** is a specification-grade family of recessed troffers designed to round out any specifier's toolkit. With a breadth of aesthetics and a depth of performance options, Assent meets the demands of even the most upscale applications. Featuring TriGain technology and Daintree Wireless controls, Assent elevates the look, feel and function of your space with industry-leading color quality and intelligent controls.

### CONSTRUCTION

<b>Housing:</b>	Powder coated cold-rolled steel and galvanized steel
<b>Lens:</b>	Acrylic diffuse lens for uniform lit appearance
<b>Paint:</b>	Matte white post-painted powder coat finish on housing
<b>Weight:</b>	2x2 ~13lb, 1x4 ~15lb, 2x4 ~22lb

### OPTICAL SYSTEM

<b>Lumens:</b>	Up to 5000lm (2x2), 6000lm (1x4), 7200lm (2x4)
<b>Wattage:</b>	Up to 54 Watts
<b>Efficacy:</b>	Up to 135LPW
<b>CCT:</b>	3000K, 3500K, 4000K, 5000K
<b>CRI:</b>	90CRI w/ TriGain Technology (3000K, 3500K, 4000K) Standard 90CRI (5000K)

### ELECTRICAL

<b>Input Voltage:</b>	120-277V, 347V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor (PF)*:</b>	> 0.9%
<b>Total Harmonic Distortion (THD)*:</b>	<20%

\* PF and THD may vary with options

### CONTROLS

<b>Dimming:</b>	0-10V, 1% Lutron Ecosystem 1% (LDE1 w/soft-on, fade-to-black)
<b>Sensors:</b>	Daintree® Wireless Compatible with Integral Daintree Wireless sensors or Lutron Vive sensors (see Ordering for additional info)

### LUMEN AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	-20°C to +35°C
STORAGE TEMPERATURE	-40°C to +70°C

### LUMEN MAINTENANCE

LXX(10K) @ Hours 50,000 HR
L75 @ 50kh

### MOUNTING

- Typical Mounting: Fits standard T-Bar grid (drop ceilings)
- Wiring Access: 1/2" trade-size KO's on a removable access plate provided
- T-Grid Clips: T-Grid clips included on fixture body, with holes for seismic wires
- Surface Mounting: Surface mount kit available (see accessories section)
- Drywall Mounting: Drywall kit available (see accessories section)

### DESIGN LIFE & WARRANTY

Current's Limited 5-year Warranty:  
Please refer to document **IND599** for more information.



**CUSTOMER NAME**

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

**LAS**
**A**
**LT**
**WHITE**

FAMILY	FIXTURE SIZE	Generation	VOLTAGE	NOMINAL LUMENS <sup>2</sup>	DISTRIBUTION	CRI/CCT	DIMMING & CONTROLS	MOUNTING	FINISH	PERFORMANCE LEVEL	OPTIONS <sup>5</sup>
LAS = Lumination® Assent Series	14 = 1'x4' 22 = 2'x2' 24 = 2'x4'	A = First Generation	0 = 120-277V D <sup>7</sup> = 347V	XX = Enter Nominal Lumens Code by referencing the "Fixture Lumens & Efficacy" chart below	AB = Center Perforated Basket AD = Center Diffuse Basket BV = Trapezoid Center Basket BD = Trapezoid Diffuse Center Basket ET = Even Distribution Panel Troffer  Refer to Distribution & Aesthetics pg 3 for aesthetics	T30 = Trigain, 3000K T35 = Trigain, 3500K T40 = Trigain, 4000K 950 = 90 CRI, 5000K	V1 = Standard 0-10V, 1% Dimming  Daintree Wireless <sup>9</sup> : T1, TT, TZ, TM, TQ SQ  Lutron: LE, LB, LU  Refer to Optional Controls chart	LT = T-Grid	WHITE = White	S <sup>3</sup> = Standard H <sup>3</sup> = High P <sup>3</sup> = Premium	(blank) = None B1, B2 <sup>4,10</sup> = Emergency Bypass CP = Chicago Plenum DF <sup>5</sup> = Dim-to-Off (V1) EL <sup>6</sup> = Emergency Battery

**ORDERING NOTES:**

1. Refer to Distribution efficacy chart for performance data
2. Refer to Lumens & Efficacy Chart for performance data
3. Refer to Performance Level Chart for available options - 1x4 only available in S option, 2x2 only available in S & H options
4. Integral Dual Shunt Relay to be used with building generator backup systems to override dimming. Order B2 option available with T1/TT/TZ/SQ/LE/LB/LU controls options, order B1 option with V1/TQ/LE controls options

5. Dim to off option for 0-10V dimming, V1 option only.
6. Integral emergency battery backup adds 2W to Luminaire Watts.
7. Integral 347V transformer not available with EL, B1 or B2 options - adds 2.5W to Luminaire Watts
8. Multiple Options must be specified in alphabetical order.
9. TT, TI and TZ are not available with size 14
10. B1 and B2 cannot be selected together or with EL; B2 cannot be selected with DF

LUMENS & EFFICACY CHART			PERFORMANCE LEVEL					
FIXTURE SIZE	NOMINAL LUMENS CODE	DELIVERED LUMENS	STANDARD		HIGH		PREMIUM	
			LUMINAIRE TOTAL WATTS	LPW	LUMINAIRE TOTAL WATTS	LPW	LUMINAIRE TOTAL WATTS	LPW
2x4	30	3000	24.6	121.8	23.8	126.1	22.3	134.3
	40	4000	33.2	120.4	32.3	123.9	29.8	134.3
	48	4800	40.1	119.7	39.0	123.0	35.7	134.4
	60	6000	50.4	119.0	49.2	122.0	44.6	134.6
	72	7200	60.7	118.6	59.3	121.4	53.5	134.6
2x2	20	2000	15.9	125.9	16.3	122.6		
	33	3300	27.3	120.9	26.5	124.3		
	40	4000	33.5	119.6	32.1	124.8		
	50	5000	42.2	118.4	39.9	125.2		
1x4	15	1500	12.8	117.5				
	20	2000	17.2	116.1				
	30	3000	26.2	114.6				
	40	4000	35.1	114.0				
	50	5000	44.0	113.6				
	60	6000	52.9	113.4				

**Base lumens for 3500K CCT & ET distribution.** Refer to multiplier tables for specific fixture outputs.

**100lm increments** are available as a custom option within the nominal lumen ranges. Inquire with manufacturer.

DISTRIBUTION EFFICACY CHART			
	14	22	24
AB	N/A	0.88	0.91
AD	N/A	0.92	0.95
BD	0.89	0.94	0.96
BV	0.83	0.92	0.93
ET	1.00	1.00	1.00

CCT LUMEN MULTIPLICATION TABLE	
3000K TriGain (T30)	0.93
3500K TriGain (T35)	1.00
4000K TriGain (T40)	1.02
5000K TriGain (950)	0.94

OPTIONAL CONTROLS	
CONTROLS CODE	DESCRIPTION
V1	0-10V dimming, 1%
TQ	Daintree Networked Wireless, with IoT infrastructure
TZ	Daintree Networked Wireless, with WFA100, App-based Zonal control w/ adapter
TT	Daintree EZ Connect Wireless, App-based Zonal control with fixture integrated sensor
T1	Daintree One Wireless, single/individual fixture control
SQ	Digital Input Driver, compatible with all Daintree options' sensors (non fixture integrated)
LB	Lutron Vive - VDO or DFCSJ OEM OCC integral Fixture Control with Sensor Daylight and Occupancy
LU	Lutron Vive - VRF or DFCSJ OEM RM Integral Fixture Control (RF only) No sensor
LE	Lutron LDE1 Hi-lume 1% Ecosystem w/ Soft-on, Fade-to-Black

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Catalog Number \_\_\_\_\_

## Accessories & Kits

FIXTURE ACCESSORIES		
DESCRIPTION	DESCRIPTION CODE	PRODUCT CODE
Drywall Mount Kit 2x2	GESK07	67657
2'x2" Surface Mount Kit	B22SMK	212462
Drywall Mount Kit 2'x4'	GESK11	69523
2'x4' Surface Mount Kit	B24SMK	212463
Drywall Mount Kit 1'x4'	GESK09	69068
1'x4' Surface Mount Kit	B14SMK	212464

SENSOR ACCESSORIES KIT (FOR SQ CONTROL OPTION ONLY)		
DESCRIPTION	DESCRIPTION CODE	PRODUCT CODE
Daintree One/EZ Connect WIT100 Sensor Kit	LSAATT/T1FM6	93098472
Daintree Enterprise WIZ100 Sensor Kit	LSAATZFM6	93098473
Daintree Enterprise Multi-Sensor WMZ10 Sensor Kit	LSAATMFM6	93119594

REPLACEMENT FRAME KITS		
DESCRIPTION	DESCRIPTION CODE	PRODUCT
LAS 1x4 ET Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS14-ET-V1_TQ_SQ-WHTE	93157759
LAS 1x4 ET Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS14-ET-T1_TT_TZ-WHTE	93157760
LAS 1x4 ET Replacement frame LB/LU options	RK-DOORFRAME-LAS14-ET-LB_LU-WHTE	93157771
LAS 1x4 BD Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS14-BD-V1_TQ_SQ-WHTE	93157772
LAS 1x4 BD Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS14-BD-T1_TT_TZ-WHTE	93157773
LAS 1x4 BD Replacement frame LB/LU options	RK-DOORFRAME-LAS14-BD-LB_LU-WHTE	93157774
LAS 1x4 BV Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS14-BV-V1_TQ_SQ-WHTE	93157775
LAS 1x4 BV Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS14-BV-T1_TT_TZ-WHTE	93157776
LAS 1x4 BV Replacement frame LB/LU options	RK-DOORFRAME-LAS14-BV-LB_LU-WHTE	93157777
LAS 2x2 ET Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS22-ET-V1_TQ_SQ-WHTE	93157778
LAS 2x2 ET Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS22-ET-T1_TT_TZ-WHTE	93157779
LAS 2x2 ET Replacement frame LB/LU options	RK-DOORFRAME-LAS22-ET-LB_LU-WHTE	93157780
LAS 2x2 BD Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS22-BD-V1_TQ_SQ-WHTE	93157781
LAS 2x2 BD Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS22-BD-T1_TT_TZ-WHTE	93157782
LAS 2x2 BD Replacement frame LB/LU options	RK-DOORFRAME-LAS22-BD-LB_LU-WHTE	93157783
LAS 2x2 BV Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS22-BV-V1_TQ_SQ-WHTE	93157784
LAS 2x2 BV Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS22-BV-T1_TT_TZ-WHTE	93157785
LAS 2x2 BV Replacement frame LB/LU options	RK-DOORFRAME-LAS22-BV-LB_LU-WHTE	93157786
LAS 2x2 AB Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS22-AB-V1_TQ_SQ-WHTE	93157787
LAS 2x2 AB Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS22-AB-T1_TT_TZ-WHTE	93157788
LAS 2x2 AB Replacement frame LB/LU options	RK-DOORFRAME-LAS22-AB-LB_LU-WHTE	93157789
LAS 2x2 AD Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS22-AD-V1_TQ_SQ-WHTE	93157790
LAS 2x2 AD Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS22-AD-T1_TT_TZ-WHTE	93157791
LAS 2x2 AD Replacement frame LB/LU options	RK-DOORFRAME-LAS22-AD-LB_LU-WHTE	93157792
LAS 2x4 ET Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS24-ET-V1_TQ_SQ-WHTE	93157793
LAS 2x4 ET Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS24-ET-T1_TT_TZ-WHTE	93157794
LAS 2x4 ET Replacement frame LB/LU options	RK-DOORFRAME-LAS24-ET-LB_LU-WHTE	93157795
LAS 2x4 BD Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS24-BD-V1_TQ_SQ-WHTE	93157796
LAS 2x4 BD Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS24-BD-T1_TT_TZ-WHTE	93157797
LAS 2x4 BD Replacement frame LB/LU options	RK-DOORFRAME-LAS24-BD-LB_LU-WHTE	93157798
LAS 2x4 BV Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS24-BV-V1_TQ_SQ-WHTE	93157799
LAS 2x4 BV Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS24-BV-T1_TT_TZ-WHTE	93157800
LAS 2x4 BV Replacement frame LB/LU options	RK-DOORFRAME-LAS24-BV-LB_LU-WHTE	93157801
LAS 2x4 AB Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS24-AB-V1_TQ_SQ-WHTE	93157802
LAS 2x4 AB Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS24-AB-T1_TT_TZ-WHTE	93157803
LAS 2x4 AB Replacement frame LB/LU options	RK-DOORFRAME-LAS24-AB-LB_LU-WHTE	93157804
LAS 2x4 AD Replacement frame V1/TQ/SQ options	RK-DOORFRAME-LAS24-AD-V1_TQ_SQ-WHTE	93157805
LAS 2x4 AD Replacement frame T1/TT/TZ options	RK-DOORFRAME-LAS24-AD-T1_TT_TZ-WHTE	93157806
LAS 2x4 AD Replacement frame LB/LU options	RK-DOORFRAME-LAS24-AD-LB_LU-WHTE	93157807

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### Frame Types

#### Distribution & Aesthetics

#### AB

2x2, 2x4

Architectural Volumetric with Center Perforated Basket



#### AD

2x2, 2x4

Architectural Volumetric with Center Diffuse Basket



#### BV

2x2, 2x4, 1x4

Architectural Volumetric with Trapezoid Center Basket



#### BD

2x2, 2x4, 1x4

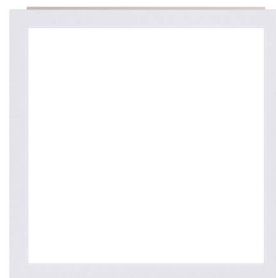
Architectural Volumetric with Trapezoid Diffuse Center Basket



#### ET

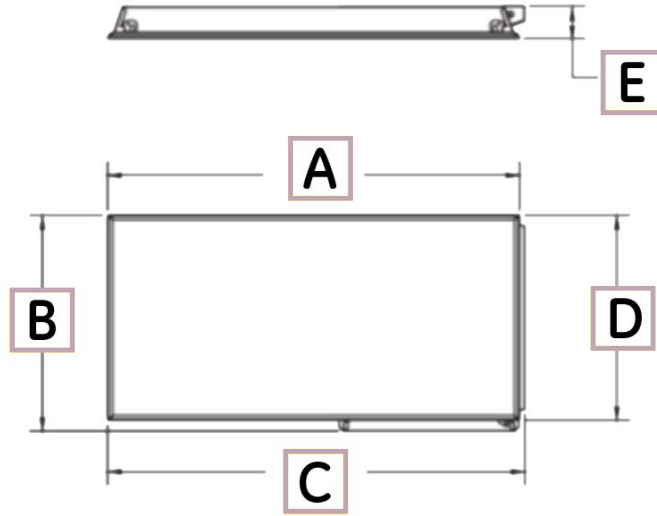
2x2, 2x4, 1x4

Even Distribution Architectural Panel Troffer



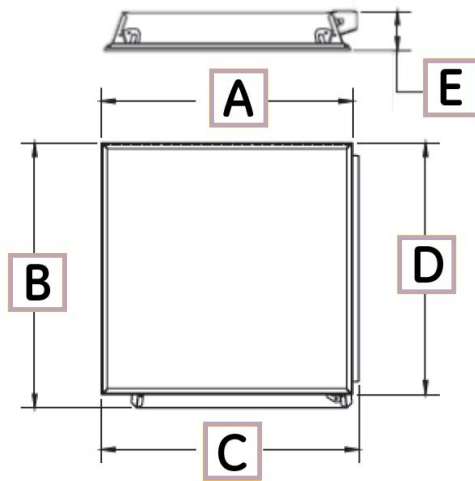
**Dimensions**

**2x4**  
Housing Dimension  
All Distributions



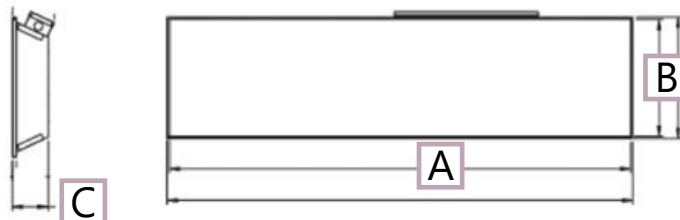
- A** = 47.18in (1214mm)
- B** = 25.10in (638mm)
- C** = 48.38in (1229mm)
- D** = 23.82 (605mm)
- E** = 3.76in (96mm)

**2x2**  
Housing Dimension  
All Distributions



- A** = 23.82in (605mm)
- B** = 25.10in (638mm)
- C** = 24.40in (620mm)
- D** = 23.82 (605mm)
- E** = 3.76in (96mm)

**1x4**  
Housing Dimension  
All Distributions

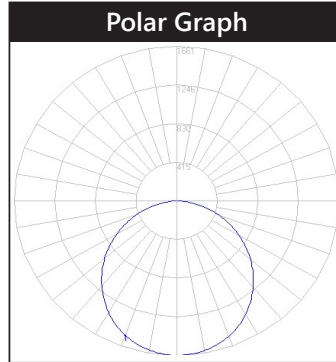


- A** = 47.8in
- B** = 11.8in
- C** = 3.5in

## Photometric data

### 2x4

BD Frame  
 4800lm  
 LAS24A040BDXXXXLTWHTX

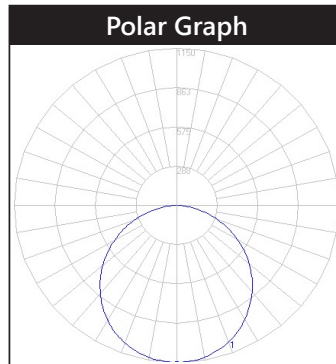


ZONAL LUMEN SUMMARY	
ZONE	LUMENS
0-10°	157
10-20°	450
20-30°	683
30-40°	824
40-50°	855
50-60°	774
60-70°	596
70-80°	352
80-90°	98

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF FIXTURE
0-20°	607	12.6
0-30°	1289	26.9
0-40°	2113	44
0-60°	3743	78
0-80°	4691	97.7
0-90°	4789	99.8
10-90°	4632	96.5
20-40°	1507	31.4
20-50°	2362	49.2
40-70°	2225	46.4
60-80°	948	19.8
70-80°	352	7.3
80-90°	98	2
0-180°	4800	100

### 2x2

BD Frame  
 3300lm  
 LAS22A040BDXXXXLTWHTX

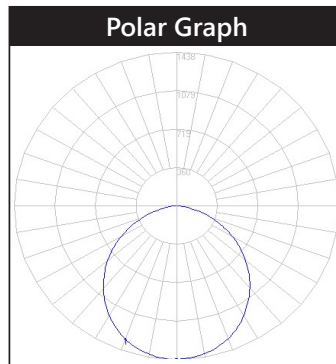


ZONAL LUMEN SUMMARY	
ZONE	LUMENS
0-10°	109
10-20°	311
20-30°	471
30-40°	568
40-50°	588
50-60°	531
60-70°	406.99
70-80°	239.66
80-90°	65.88

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF FIXTURE
0-20°	420	12.7
0-30°	892	27
0-40°	1459	44.2
0-60°	2578	78.1
0-80°	3225	97.7
0-90°	3291	99.7
10-90°	3182	96.4
20-40°	1039	31.5
20-50°	1627	49.3
40-70°	1526	46.2
60-80°	647	19.6
70-80°	240	7.3
80-90°	66	2
0-180°	3300	100

### 1x4

BD Frame  
 4000lm  
 LAS14A040BDXXXXLTWHTX



ZONAL LUMEN SUMMARY	
ZONE	LUMENS
0-10°	136
10-20°	388
20-30°	587
30-40°	704
40-50°	724
50-60°	645
60-70°	480
70-80°	264
80-90°	64

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF FIXTURE
0-20°	524	13.1
0-30°	1111	27.8
0-40°	1815	45.4
0-60°	3183	79.6
0-80°	3928	98.2
0-90°	3992	99.8
10-90°	3856	96.4
20-40°	1291	32.3
20-50°	2015	50.4
40-70°	1848	46.2
60-80°	744	18.6
70-80°	264	6.6
80-90°	64	1.6
0-180°	4000	100

### Wireless Controls



**1x4 BD Aesthetic with Daintree Wireless Integrated Sensor (TT)**

#### Daintree® Wireless Controls:

There is no one size fits all for wireless controls. Some networks want simple solutions that reduce energy consumption and meet code compliance while others are more ambitious, looking to capitalize on the LED and controls savings to fund a scalable, enterprise-grade, internet of things solution. The advantage of the Daintree® Wireless platform is it's ability to integrate into indoor, outdoor and high bay environments. Daintree® Wireless Controls provide the infrastructure to future-proof your buildings, easily upgrade to Networked solutions and provide the ability to integrate into IoT solutions that are right for your business.

- **Daintree® One:** Standalone Wireless Controls
- **Daintree® EZ Connect:** Room-Based Wireless Lighting Controls
- **Daintree® Networked:** Networked Lighting Controls for Smart Building & IoT Enablement

Daintree® Wireless Controls are already integrated in your favorite Current LED fixtures. Visit our website for a complete list of LED Fixtures:

<https://products.gecurrent.com>



**1x4 BD Aesthetic with Lutron Vive Integrated Sensor (LB)**

#### Lutron® Wireless Fixture Controls:

Now available on select Current LED fixtures, Lutron Vive Integral Fixture control provides occupancy/daylight sensing and RF-only fixture controls

- **Lutron Vive - VDO or DFCSJ OEM OCC Integral Fixture control with Sensor Daylight and Occupancy**
- **Lutron Vive - VRF or DFCSJ OEM RM Integral Fixture Control (RF Only) No Sensor**