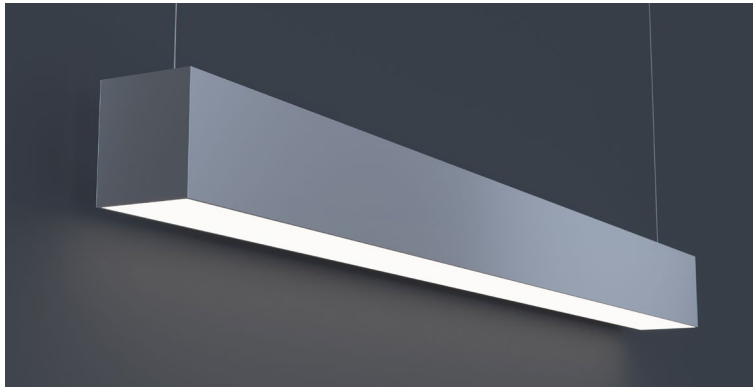


DATE \_\_\_\_\_ PROJECT \_\_\_\_\_ FIRM \_\_\_\_\_ TYPE \_\_\_\_\_



### FEATURES

- Available In Made To Measure Lengths Accurate Up To 1/16"
- Patterns Available (See Page 2)
- Damp Location Rated
- CRI 90+ Standard; R9>50
- 5 Year, 50,000 Hour Fixture Warranty
- 2700K, 3000K, 3500K, 4000K & 5000K Color Temperatures Available
- Available with PoE- [See More](#)

**APPLICATIONS** Classrooms, Offices, Lobbies, Retail Stores, Reception Areas, & Corridors

**FINISH** Standard Powder-Coated White. Custom RAL Colors Available

**CONSTRUCTION** Extruded Aluminum Housing with Die Cast Ends. Formed Steel Gear Tray

**OPTICS** Extruded High Transmission Satin Acrylic Lens with No LED Imaging. Additional Optics Available

**FIXTURE RATINGS & CERTIFICATIONS** Union Made Made In The USA DLC Listed\*  
ETL Listed Damp Location \*Not all outputs listed, consult factory



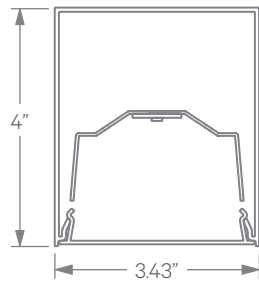
### DRIVERS, SENSORS, & POE

For Wiring Diagrams, POE, and Sensor Information Click [Here](#)



**ELECTRICAL** Integral Driver with 0-10V Dimming Standard. Several Driver Options Available

### EXTRUSION DIMENSIONS



### LED SYSTEM INFORMATION

	Nominal System Watts	Nominal Delivered Lumens	Nominal Efficacy
Standard (LTG1)	7.25 W/ft	576 lm/ft	80 LPW
Low (LTG2)	5 W/ft	415 lm/ft	83 LPW
High (LTG3)	10 W/ft	770 lm/ft	77 LPW

Based on a 3500K luminaire using one driver. Custom outputs available; specify below.

**ORDERING** 1 2 3 4 5 6 7 8 9 10 11

<p><b>1 - FIXTURE ID</b></p> <p>LS4 LED</p>	<p><b>2 - LENGTH</b></p> <p>2 - 2 ft 4 - 4 ft 8 - 8 ft X'-X" - Specify Length PAT - Pattern (Consult Factory)</p>	<p><b>3 - COLOR TEMP</b></p> <p>27 - 2700K/90 CRI 30 - 3000K/90 CRI 35 - 3500K/90 CRI 40 - 4000K/90 CRI 50 - 5000K/90 CRI WD* - Warm Dim 2200K-3000K TW** - Tunable White 2700K-6500K RGBW30*** - RGB + 3000K RGBW35*** - RGB + 3500K *Requires WD10 Driver **Requires DMX or TW10 Driver ***Requires DMX Driver</p>	<p><b>4 - LED SYSTEM</b></p> <p>LTG1 - Standard LTG2 - Low LTG3 - High LTGC - Custom Output</p>	<p><b>5 - VOLTAGE</b></p> <p>UNV - Universal (120/277V) 347V* - 347V *Must use DB Driver</p>	<p><b>6 - DRIVER</b></p> <p>DB - Standard 1% Dimming (0-10V) DB.1% - 0.1% Dimming (0-10V) ELV-TRI - 2-wire 1% Dimming (120V only) ELV and TRIAC Compatible LDE1 - Lutron Digital EcoSystem LDE5 - 5 Series EcoSystem; 5% Dimming DALI - DALI-2 Driver JA8 - JA8 Compliant 1% Dimming (0-10V) PoE - Power over Ethernet. Consult Factory for Compatibility DMX - For Color Tuning and RGBW (Remote) TW10 - Dual Channel, 0-10V For Color Tuning (CCT and Intensity Control) WD10 - 0-10V Driver For Warm Dimming</p>	<p><b>7 - FINISH</b></p> <p>W - White (Standard) BLK* - Black CC* - Custom Color (provide RAL number**) CWF* - Custom Wood Finish (provide color**)</p>	<p><b>8 - MOUNTING</b></p> <p>AC - Air Craft Cable (50") SM - Surface Mount WM - Wall Mount PS-X* Pendant Stem (12", 18", 24", 36", 48")</p>	<p><b>9 - OPTICS</b></p> <p>SD - Standard Diffuser WW - Wall Wash Reflector</p>	<p><b>10 - SENSORS &amp; CONTROLS (OPTIONAL)</b></p> <p>EIS - Enlighted Sensor WISD - Wattstopper Daylight Sensor WISM - Wattstopper Occupancy Sensor ECS - Eaton WaveLinX Sensor ACM - Acuity nLight Module Only ACS - Acuity nLight Sensor CCS - Casambi Module TRI - Occupancy/Daylight Sensor</p>	<p><b>11 - OTHER OPTIONS</b></p> <p>EM 120V - Emergency Pack EM 277V - Emergency Pack EMCKT - Emergency Circuit</p>
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\*White cord and canopy provided. Must specify for other requests.  
\*\*See [here](#) for finish options

\*White stems and canopy provided. Must specify for other requests.  
\*\*For Perimeter Mount see LSR4 spec sheet.

NOTE: For other control systems not listed consult factory.

Updated: 10/15/2020

DATE

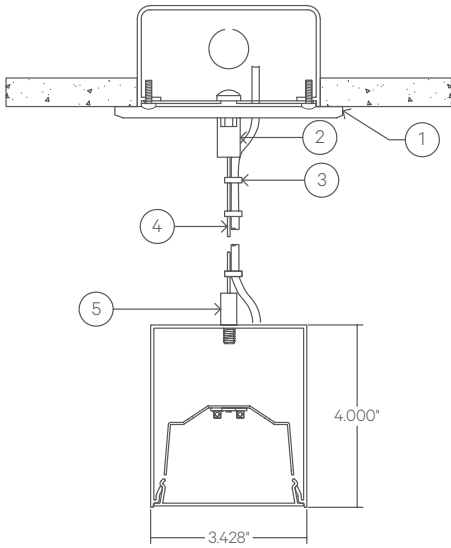
PROJECT

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TYPE

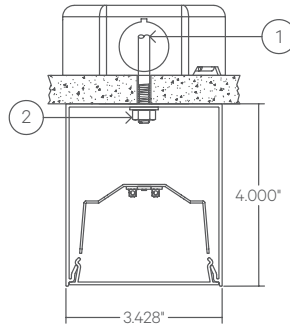
## MOUNTING OPTIONS

### AC - Air Craft Cable (50")



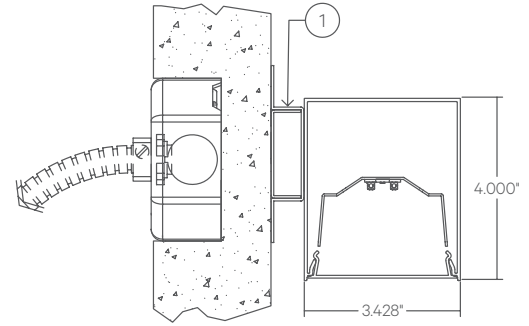
- 1 - 5" Round Canopy (Standard White Finish)
- 2 - Canopy Retainer
- 3 - S-JT Cord (Standard White)
- 4 - Air Craft Cable
- 5 - Gripper

### SM - Surface Mount



- 1 - Threaded Rod (not supplied)
- 2 - 1/4-20 Nut (not supplied)

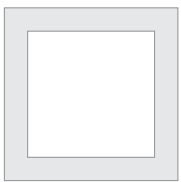
### WM - Wall Mount



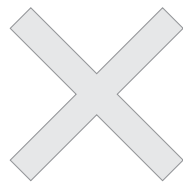
- 1 - 0.75" Wall Mount Bracket

## PATTERNS

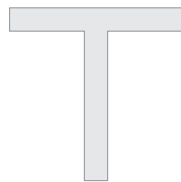
Patterns feature illuminated corners and angles. **Must consult factory for custom corners, patterns and elevations.**



Square Patterns



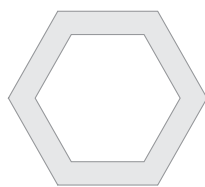
X Patterns



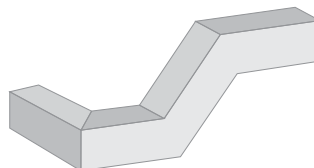
T Patterns



Custom Angles

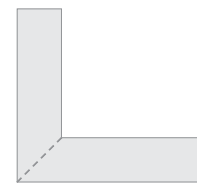


Custom Patterns



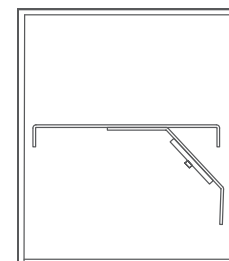
Custom Elevations

## LENS CUT



Mitered

## WALL WASH REFLECTOR



Cross Section

DATE

PROJECT

FIRM

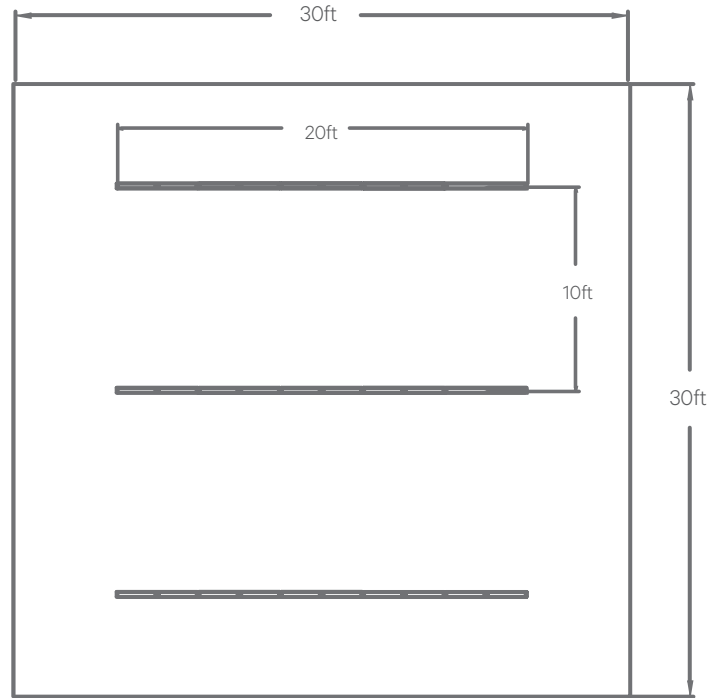
TYPE

### Sample Fixture Layout:

Classroom Size: 30ft x 30ft  
 Ceiling Height: 9.5ft AFF  
 Mounting Height: 8ft AFF  
 Reflectances: 80/50/20  
 Luminaire: LS4 EDU 4FT 3500K LTG1 DB  
 Wattage: 7.25W/ft  
 Lumen Output: 576lm/ft

### Target Levels:

Avg. Foot Candles: 35-50fc  
 Unified Glare Rating: <19



### Calculations:

23	23	22	22	21	21	20	20	19	17	13	10	10	10
24	24	24	24	23	23	22	21	20	16	10	10	10	10
25	25	24	24	23	23	22	21	19	13	10	10	10	10
25	25	24	24	24	23	23	22	21	16	10	10	10	10
25	24	24	24	23	23	22	21	19	13	10	10	10	10
25	24	24	24	23	23	22	21	19	13	10	10	10	10
25	25	25	24	24	23	23	22	21	16	10	10	10	10
25	25	24	24	24	23	23	22	21	16	10	10	10	10
25	25	24	24	24	23	23	22	21	16	10	10	10	10
25	25	25	24	24	23	23	22	21	16	10	10	10	10
25	24	24	24	23	23	22	21	19	13	10	10	10	10
25	24	24	24	23	23	22	21	19	13	10	10	10	10
25	25	24	24	24	23	23	22	21	16	10	10	10	10
25	25	24	24	24	23	23	22	21	16	10	10	10	10
23	23	22	22	21	21	20	20	19	17	13	10	10	10

UGR: 15.15

9.3	13.0	18.6	24.3	28.2	30.4	31.4	31.8	31.4	30.4	28.1	24.2	18.6	13.0	9.3
11.4	17.3	27.5	37.8	44.2	47.4	48.7	49.1	48.7	47.4	44.2	37.7	27.4	17.3	11.4
12.9	20.4	34.2	48.1	56.2	59.8	61.5	61.9	61.4	59.8	56.1	48.0	34.2	20.4	12.9
12.8	19.1	29.8	40.5	47.2	50.7	52.1	52.6	52.1	50.6	47.1	40.4	29.7	19.1	12.8
12.4	16.9	23.8	30.8	35.8	38.7	40.1	40.4	40.0	38.6	35.7	30.7	23.8	16.9	12.4
12.6	17.1	24.1	31.1	36.1	39.0	40.5	40.8	40.4	39.0	36.1	31.0	24.1	17.1	12.6
13.5	19.9	30.7	41.5	48.4	51.8	53.4	53.9	53.4	51.8	48.3	41.5	30.6	19.9	13.5
14.2	22.0	36.0	50.0	59.3	62.3	64.0	64.5	63.8	62.3	58.2	49.9	35.9	21.9	14.2
13.5	19.9	30.8	41.5	48.4	51.8	53.4	53.9	53.4	51.8	48.3	41.5	30.6	19.9	13.5
12.6	17.1	24.1	31.2	36.2	39.1	40.5	40.9	40.5	39.0	36.1	31.1	24.1	17.1	12.6
12.3	16.9	23.8	30.8	35.9	38.8	40.2	40.6	40.2	38.7	35.8	30.8	23.8	16.9	12.3
12.8	19.1	29.8	40.6	47.4	50.8	52.3	52.7	52.2	50.7	47.3	40.5	29.8	19.1	12.8
12.9	20.4	34.2	48.1	56.2	60.0	61.6	62.1	61.6	60.0	56.2	48.0	34.1	20.4	12.9
11.4	17.3	27.5	37.8	44.2	47.4	48.7	49.2	48.7	47.4	44.1	37.7	27.5	17.3	11.4
9.3	13.0	18.6	24.2	28.2	30.4	31.5	31.8	31.5	30.4	28.2	24.2	18.6	13.0	9.3

AVG FC: 36.7