



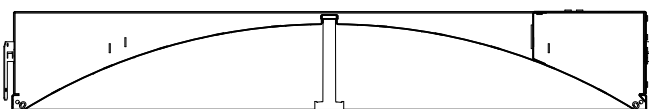
TRANSOM 20 x 48 TR1-54

Specification Data

Luminaire	TRANSOM - 20 X 48 (TR1-54)	Type
Project		
Product		
Notes		



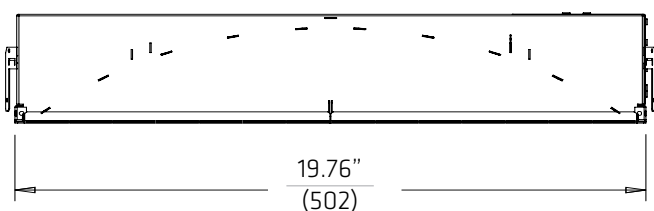
CROSS SECTION



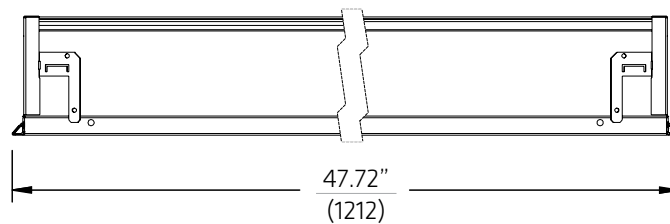
Performance Summary	Transom 20 x 48			
	A	B	C	D
Light (lm)	2750	3300	4300	5000
Energy (W)	23	29	38	47
Efficacy (lm/W)	119	117	112	109
Color Rendering (CRI)	80+	80+	80+	80+
Color Accuracy (SDCM)	< 2	< 2	< 2	< 2
L70 Estimate (h)	200,000	200,000	200,000	200,000
Lumen Maintenance per TM21 (@ 60,000 h)	L90	L90	L90	L90

Summary values are nominal and based on 4000K CCT

DIMENSIONS inches (mm)



FRONT VIEW



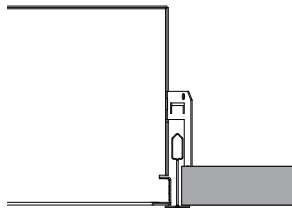
SIDE VIEW

SPECIFICATION

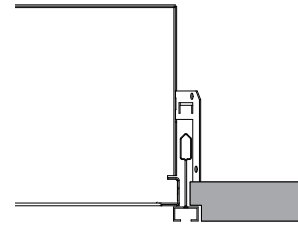
TR1	54									
1	2	3	4	5	6	OPTIONS				
1. FAMILY	2. SIZE	3. ENERGY <sup>2</sup>	4. CCT	5. DRIVER	6. VOLTAGE	OPTIONS				
<b>TR1</b> Transom	<b>14</b> 1 x 4 <b>22</b> 2 x 2 <b>24</b> 2 x 4 <b>52</b> 20 x 24 <b>54</b> 20 x 48 <sup>1</sup>	<b>A</b> 23 W <b>B</b> 29 W <b>C</b> 38 W <b>D</b> 47 W <sup>3</sup>	<b>30</b> 3000 K <b>35</b> 3500 K <b>40</b> 4000 K	<b>E1</b> eldoLED ECO 0-10V Dim 1% <b>E2</b> eldoLED SOLO 0-10V Dim 0.1% <b>E3</b> eldoLED ECO DALI 1% <b>E4</b> eldoLED SOLO DALI Dim 0.1% <b>F1</b> Factory Non- Dim <b>F2</b> Factory 0-10V Dim 3% <b>L1</b> Lutron Hi-Lume 1%-H EcoSystem	<b>M</b> 120 - 277 V <b>3</b> 347 V <sup>4</sup>	<b>B</b> Battery Pack <sup>5</sup> <b>C</b> Chicago Plenum <b>F</b> 6' Flex Whip <b>K</b> Drywall Flange Kit				

NOTES					
<sup>1</sup> Optional filler panels available for 20 x 60	<sup>2</sup> Add 4W to above for 347 V with E1-4/L1	<sup>3</sup> 1 x 4   2 x 4   20 x 48 only	<sup>4</sup> 347 V Driver for F1/F2 347 V Transformer & Driver E1-4/L1	<sup>5</sup> Available for 120-277V	

CEILING INTEGRATION GRID



FLAT GRID



SLOT GRID

**CONSTRUCTION**

- Clear anodized aluminum lower rail
- Die formed 22 ga. steel housing
- Quick wire access plate and integral seismic restraint tabs/tie-offs
- High reflectance diffuse white textured powdercoat

**OPTICAL**

- Anidolic optical structures with linear light extraction elements
- Precision extruded high transmittance clear acrylic lenses
- Long life LED system designed for typical TM21 lumen maintenance  $\geq$  L90 @ 60,000 h
- Available in CCTs 3000 K, 3500 K or 4000 K with CRI  $\geq$  80 and R9  $\geq$  0, all with color accurate binning  $\leq$  2 SDCM

**ELECTRICAL**

- Integral high efficiency drivers 120 – 277 V or 347 V; 50 - 60 Hz
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- F2:0 – 10 V Dim Range: 3 - 100%
- Optional Battery Pack
- Optional Lutron: Hi-lume H-Series EcoSystem LED drivers for 100 - 1% (PWM) dim range
- Optional flex whip: 6' prewired
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

**WEIGHT**

- Maximum 25 lb. (11.3 kg)
- Maximum 29 lb. (13.2 kg) for battery pack

**WARRANTY**

- 5 year limited warranty on all components and workmanship

**ENVIRONMENTAL**

- Designed for use in damp or dry indoor environments with room side operating temperatures of 0 - 30° C (32 - 86° F)

**INDEPENDENT TESTING**

- IESNA LM79
- IESNA LM80 (LED@10,000 h)

**APPROVALS**

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- IC Rated