

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

ST2

Linear ST2 Striplight with Dimming

Typical Applications

Commercial • Industrial • Retail • Residential

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Product Certification



Product Features



Top Product Features

- 0-10V low voltage dimming to 10%
- Superior performance with lumens up to 9200 lumen and 115 lm/W
- Dual lens tube with 3.5" wide channel design
- Ideal for replacing two or four lamp fluorescent strips

	Features	Benefits
Construction	Full length and standard width channel design	No painting required. Ideal for any retrofit fluorescent project
	Tool-less channel cover, integrated LEDs and toolless access from below	Simple install and maintenance for life of product
	Continuous row mount aligner included	Add-on length as needed regardless of application or layout
Performance	Up to 9200 lumen and 115 lm/W	Replace up to 4 lamps for over 40% energy savings
	0-10V Dimming, 4000K standard	Additional energy savings and control
	DLC®, 5-year warranty, >60K life hours at L70	Rebate eligible and UL certified for guaranteed performance

Order Information and Performance Data

Catalog Number	UPC	CCT (K)	Min. CRI	Delivered lumens	Watts	Efficacy (lm/W)	Controls	Input current (A)	
								120V	277V
2ST2L2040*	080083150960	4000	80	2300	20	115	0-10V Dimming	0.16	0.07
4ST2L4040	080083150984	4000	80	4600	40	115	0-10V Dimming	0.33	0.14
8ST2L8040	080083151004	4000	80	9200	80	115	0-10V Dimming	0.68	0.29

*Inventory available in February 2022.

Load Data (120V data)

	2'	4'	8'
PF (min.)	0.95	0.95	0.95
THD% (max.)	10	10	10
Weight	1.0	2.9	3.8
Low Temp. Start	-20°C	-20°C	-20°C

Shipping Data

Catalog Base	Wt.	Unit per Pallet	Gross wt. Pallet
2ST2	1.0	180	267
4ST2	2.9	150	612.6
8ST2	3.8	150	701.5

Accessories (Order Separately)

HBAYC-CHAIN/SET/U=(2) V-Hook Hangers, 36" Chain Sets w/S-Hooks ⁽¹⁾

SCF=Fixed Stem Set (Specify Length) ⁽¹⁾

SCS=Swivel Stem Set (Specify Length) ⁽¹⁾

SCA=Adjustable 48" Stem Set ⁽¹⁾

TOGGLE=Single Toggle No. 2 (Specify Length) ⁽¹⁾

BKYT18-063-120K-Y Toggle No. 2 at 10 ft. long ⁽¹⁾

Notes: (1) For stem, chain, and toggles, order two per fixture.

EBPLED7W=User Installed, Remote Mount, 7 Watt LED Emergency Battery Pack

EBPLED14W=User Installed, Remote Mount, 14 Watt LED Emergency Battery Pack

WG/SSF-4FT-B=Wireguard for 4 ft. ST2 (order two for 8ft. ST2)

Product Specifications

Construction

- Die formed post painted white steel construction
- U-bracket continuous row mount aligner included
- Snap and lock tool-less channel cover for easy maintenance
- Powder coated white finish for a clean exterior
- Single channel width at 3.6" wide
- Available sizes: 2ft, 4ft and 8ft lengths

Electrical

- 120-277V electronic driver, FCC part 15 Class B at 120V and Class A at 277V
- Standard 0-10V low voltage dimming down to 10%
- LED and Light Engine
 - 4000K dedicated CCT with dimming
 - L70 at >50,000 hours (TM-21), over 23 years at 6 hrs/day
 - LED modules comply with IESNA LM-70 and LM-80 standards
- Purple and grey (pink) low voltage dimming leads required from 0-10V dimmer switch to fixture

Emergency Battery Pack Option

- Field installed remote mount UNV battery pack available, 7 and 14 watts, ships separately
- Batteries provide 90 minutes of backup power
- Factory installed battery pack not available

Shielding

- Classic double fluorescent tube exterior
- Impact resistant, UV-stabilized frosted polycarbonate lens
- Standard LED blended optics for wide area coverage up to 15' mounting

Installation

- Surface or suspended mount capable
- Channel and end knockouts (7/8") for conduit entry and continuous row
- Wire nuts and aligner included

Compliance and Certifications

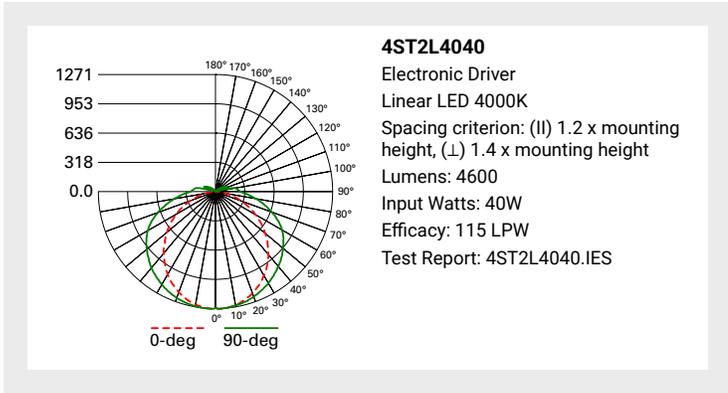
- UL/cUL listed for damp location
- Rated for 0F (-20C) to 104F (40C) ambient operating temperatures
- RoHS compliant
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details
- Suitable for use in closet storage spaces when installed in accordance with NFPA-70 and NEC 410.16 spacing requirements

Warranty

- Five year warranty

Photometric Data

 [View IES files](#)



Dimensional and Mounting Details

