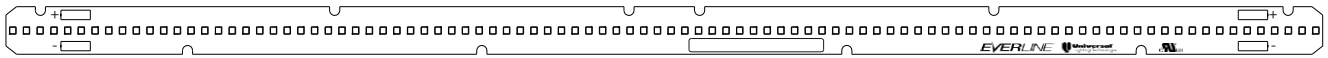


ECO Pro and ECO Plus

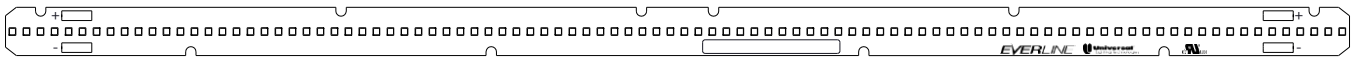
LED Module Series

Universal Douglas ECO Pro and ECO Plus represent the next evolution in module design and flexibility.

Combining options for an economical design and premium performance to meet the current market needs. Offering multiple LED package densities is a convenient narrow PCB allows for design in on nearly all linear module fixture designs. Combine economical design and premier performance options to meet current market demands. Using multiple LED counts, narrow PCB Design and high efficacy LED performance options.



N3 (22.88")



N2 (22.00")

ECO PLUS/PRO - Catalog Logic

M	525	C	8	xx	D42	N2	Y	200C
Module	Max Input Current (mA)	Circuit Type	CRI	Kelvin	LED Count	Length	Performance Level	Pack Code
	350	C = Constant Current	8=80	27 = 2700K	28-32	N2 = 22.00"	Y = Eco Plus	10C = 10 Pack
	525		9=90	30 = 3000K	42-48	N3 = 22.88"	Q = Eco Pro	200C = 200 Pack
	700			35 = 3500K	56-64			
	800			40 = 4000K	96			
	900			50 = 5000K	84			

Features & Benefits:

- High Performance: Eco Plus (160-186 LPW)
ECO Pro (174-200 LPW)
- 3 SDCM – industry leading color consistency
- 22" and 23" (22.88") for ease of fixture compatibility
- Matrix LED design with 28, 32, 42, 48, 56, 64, 84, and 96 LED options
- Configured for parallel connections – lower input current and higher forward voltage ideal for use with our PW, PWX, and Value Series LED Drivers.
- Dual recessed single wire push-in connectors on each end of the module
- 350mA – 900 mA, 38V to 47V
- 2 Amps of pass through current for parallel daisy chain applications
- Available in 2700K, 3000K, 4000K, 5000K and 6500K at either 80 or 90 CRI
- Regulatory – UL8750 recognized, CAN/CSA-C22.2 no. 250.13, cURus, RoHS compliant
- Warranty – 5 year -30C to 80C max Tc temp – not suitable for freezer applications
- Packaging options: 10 pack and 200 pack
- Manufactured in Matamoros Mexico

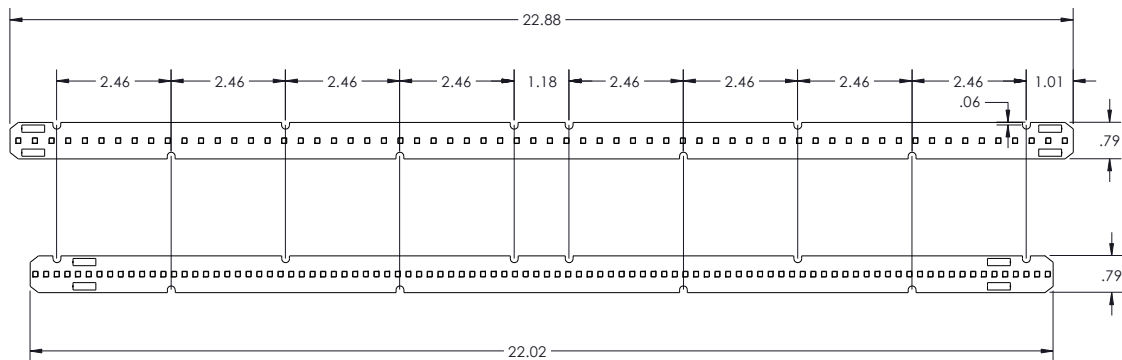
Eco Plus Lumen Multiplier

CRI	CCT	Color Code	Lumen Multiplier
80	2700K	xx = 27	93.1%
80	3000K	xx = 30	95.6%
80	3500K	xx = 35	96.8%
80	4000K	xx = 40	100.0%
80	5000K	xx = 50	101.1%
80	6500K	xx = 65	100.0%

Eco Pro Lumen Multiplier

CRI	CCT	Color Code	Lumen Multiplier
80	2700K	xx = 27	93.2%
80	3000K	xx = 30	95.9%
80	3500K	xx = 35	97.3%
80	4000K	xx = 40	100.0%
80	5000K	xx = 50	100.0%
80	6500K	xx = 65	100.0%

DIMENSIONS



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