## ARCHITECTURAL LIGHTING

## SUSPENDED CEILING

# HELIOS SERIES PANELS

The Altman Helios Series of LED Helios Seriess is a family of lighting fixtures designed to serve as the most versatile solution available to facilities ranging from office, school to hotel, retail, and restaurants where aesthetic and performance expectations are high.

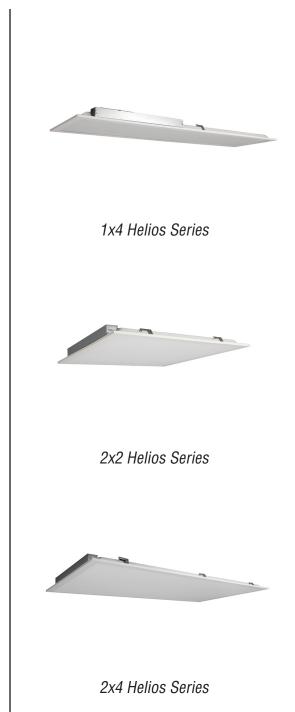
The foundation of this fixture family is its back lit technology which allows for an even, glare-free, uniform output at multiple color temperatures. With over 3700 lumens of output from the 2x2 and 5000 lumens of output from the 2x4 these LED panels will out perform your lighting expectations.

Each luminaire offers a 3-way Power dip switch as well as a CCT 3-way switch to allow for either Cool White, Neutral White, or Warm White output. At 125 Lumens Per Watt and selectable power input, the Helios Series will also meet specific power requirements. LED flat panel troffer fixture are the perfect lighting solutions to replace outdated fluorescent troffers.

#### **Product Features:**

- >5,000 lumens (color temperature and model dependent)
- Available in Non Dim and 0-10V control
- Up to 125 Im/Watt
- PMMA Lens, with UV resistant materials
  - 3 Way Power Dip switch settings
    - 1 x 4 Model 20/25/30 Watts
      - 2 x 2 Model 20/25/30 Watts
      - 2 x 4 Model 30/35/40 Watts
- Three Way CCT Switch for selection of Warm, Neutral, and Cool white light settings
- Fully homogenized, non-granulated, non-pixelated, glare free output
- 50,000 hour life expectancy
- Available in white
- cETLus listed and CE marked for indoor applications
- 120 277 VAC Operation 50-60Hz.
- DLC Qualified
- Emergency version available
- Five (5) year and one (1) day warranty
- No cost technical support for the life of your product

For information on the Helios Series please visit the product page on our web site at www.altmanlighting.com

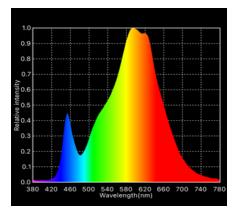


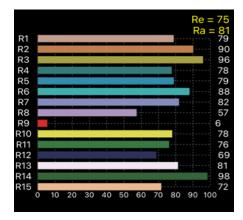


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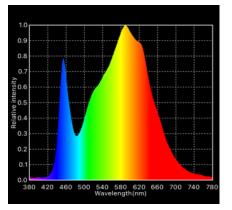
Additional photometric IES files can be found at www.altmanlighting.com

LED PANEL PHOTOMETRIC SCORE CARD - 3000K		
ССТ	2861	
DUV	0.0003	
CRI	83	
CQS	82	
RE(R1-15)	75	
TLCI (Qa)	67.2	
TM-30-15 rf	84	
TM-30-15 rg	95	



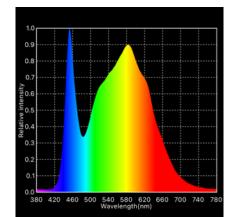


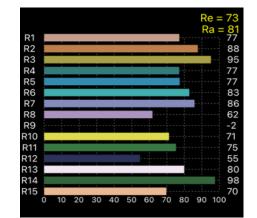
LED PANEL PHOTOMETRIC SCORE CARD - 3600K	
ССТ	3572
DUV	0.0010
CRI	83
CQS	82
RE(R1-15)	77
TLCI (Qa)	70.5
TM-30-15 rf	84
TM-30-15 rg	94



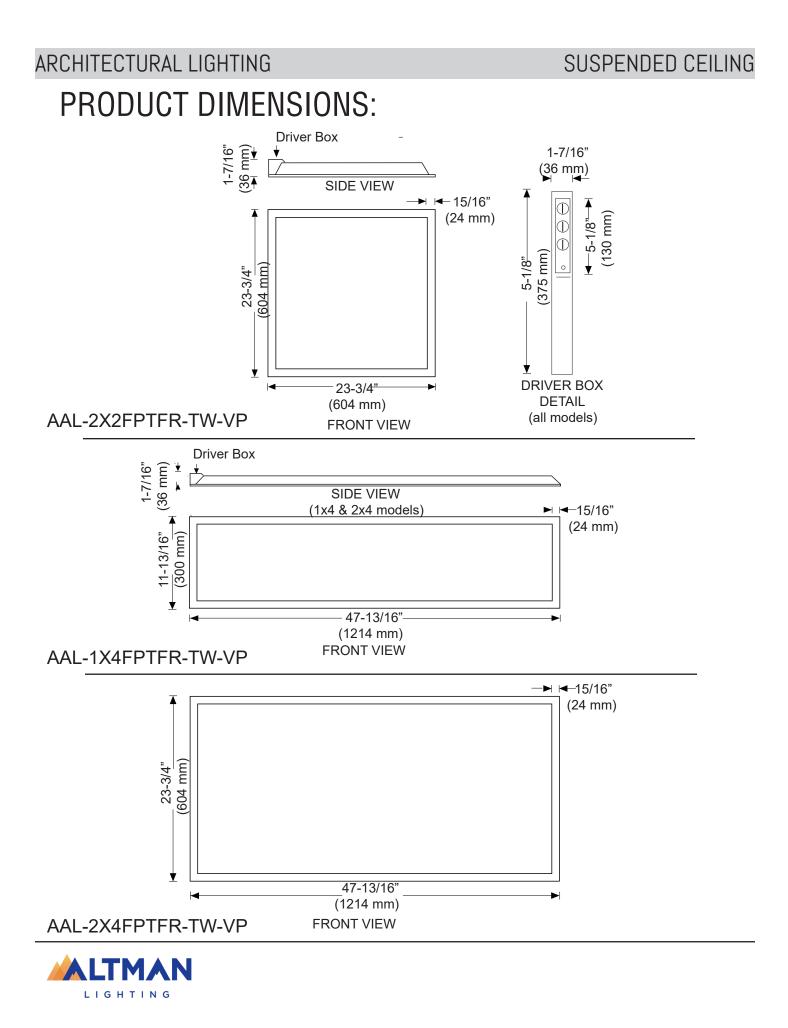
												77
R1										Ra	a =	<mark>83</mark> 81
R2												91
R3												96
R4												80
R5												81
R6										-		87
<b>R</b> 7												85
R8												63
R9												11
R10												78
R11												78
R12												64
R13												84
R14												98
R15												74
	0	10	20	30	40	50	60	70	80	90	10(	)

LED PANEL PHOTOMETRIC SCORE CARD - 4200K		
ССТ	4404	
DUV	0.0056	
CRI	81	
CQS	80	
RE(R1-15)	73	
TLCI (Qa)	64.4	
TM-30-15 rf	82	
TM-30-15 rg	92	









## Specifications

Materials: Color: Control: CCT Settings: Beam Angle: Light Engine	Corrosion-resistant materials and hardware White (RAL 9016) 0-10V (10%-100%) or Non Dim (On/Off) 3000K, 3,500K, 4,300K 120° 2x2 (20/25/30 Watt Settings) 1x4 (20/25/30 Watt Settings) 2x4 (30/35/40 Watt Settings)				
Lumens/Watt	125 lm/W rating >50,000 hours to L70.				
Current Draw:	30 Watt setting: 120VAC - 0.25 Amp				
	277VAC - 0.10 Amp				
Input Voltage:	100-277 Vac 50/60Hz				
Power Factor:	0.95				
Cooling:	Convection				
Environment:	0 to 40 degrees C (32 to 104 degreesF) / 5%-				
	95% Non condensing				
Compliance:	DLC, cETLus listed, RoHS, & CE marked				
Warranty:	Five (5) years and One (1) day Supported Forever - free phone and online				
Support:					
	tech support for the life of your product.				
Emergency:	UL924 and CSA C22.2 NO.141 compliant				
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# Ordering Information

#### AAL-(Size)(Type)-(CCT)-(Power)

Model:	AAL-
Size:	1x4, 2x2, or 2x4
Туре:	FPTFR (Flat Panel Troffer)
CCT:	TW - Tunable White (3 Settings)
	Cool White
	Neutral White
	Warm White
Power:	VP - Variable Power (3 settings Watts)
	1x4 (20/25/30)
	2x2 (20/25/30)
	2x4 (30/35/40)

Notes:

- Typical part number layout AAL-2x2FPTFR-TW-VP
- Product is only available in White RAL 9016

#### **FIXTURE ACCESSORIES**

#### SURFACE MOUNT KITS:

AAL-2X2-SMK Surface Mount Kit for Model AAL-2X2FPTFR-TW-VP AAL-2X4-SMK Surface Mount Kit for Model AAL-2X4FPTFR-TW-VP

#### CABLE SUSPENSION KITS:

AAL-2X2-CSK Cable suspension kit for Model AAL-2X2FPTFR-TW-VP AAL-2X4-CSK Cable suspension kit f for Model AAL-2X4FPTFR-TW-VP

#### FACTORY INSTALLED EMERGENCY BATTERY:

AAL-FPTFR-EMKIT Factory installed Emergency power battery back up for 2x2 and 2x4 models.

#### **EMERGENCY BATTERY COMPONENTS:**

AAL-FPTFR-EMDRVR Emergency driver/battery back up. AAL-FPTFR-EMBRKT

Emergency driver/battery mounting bracket.

Note: Emergency battery back up can only be utilized on recessed mounted units. Surface mount and cable mounted units are not compatible with the Emergency Battery back up accessory.



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+1 303 500-7072 sales@altmanlighting.com Denver, CO 80229 USA support@altmanlighting.com 12 December 2020 © 2020 Altman Stage Lighting, Inc. All specifications, descriptions, information, design, etc. contained in this document are subject to change without prior notice. All rights reserved.