

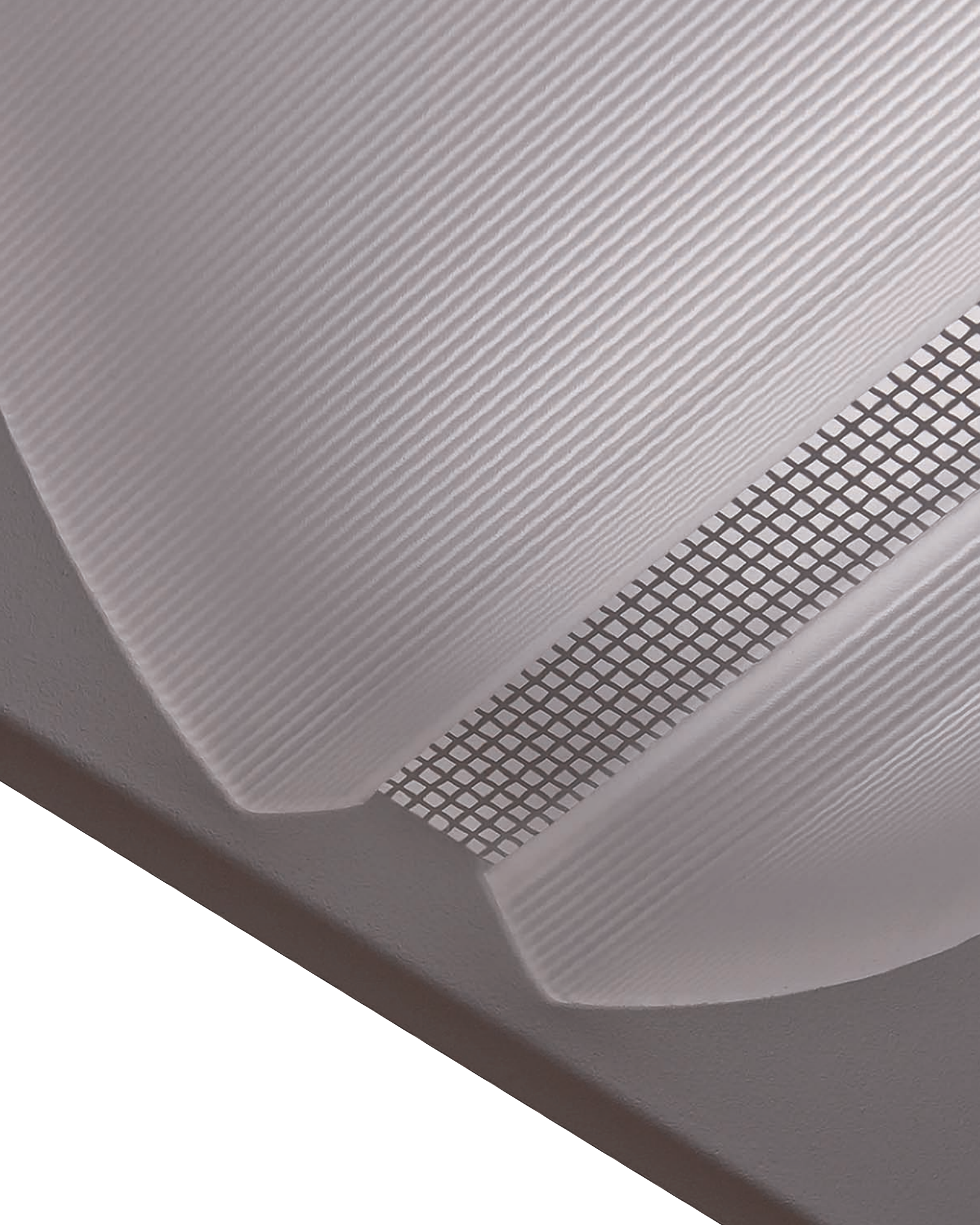


AERION™

elevate your environment™



FOCAL POINT®





AERION™

Focal Point presents the latest advancement in architectural recessed fluorescent lighting. Inspired by the streamlined features of a bird, Aerion's blend of sweeping curves and contemporary lines compliment today's architecture.

Aerion soars to new heights delivering a distinct harmonious aesthetic, energy efficiency, and precision detailing that will elevate your environment.

elevate your environment™





Unlike luminaires with dual lamp chambers that produce high contrast and stripe-like appearance, Aerion's center lamp chamber provides minimal contrast between the diffuser and side reflectors, creating even illumination and comfort.

The lamp diffuser has been designed with an upper and lower track that accepts individual or combinations of accent strips. Specify the round or square accent strip when subtle styling is required or choose colored inserts for a bolder statement.



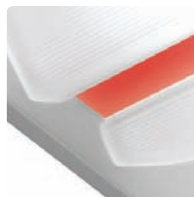
standard diffuser



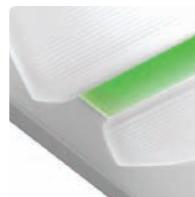
round accent strip



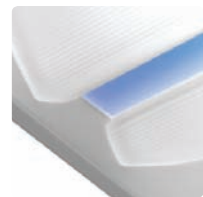
square accent strip



red insert



green insert



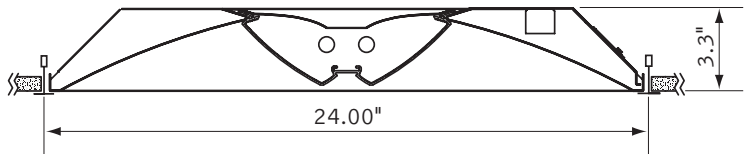
blue insert

elevate your aesthetic

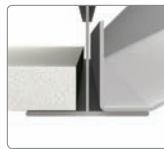




Designed to fly in almost any space, the 2'x2' and 2'x4' models integrate seamlessly into a variety of grid types. Side access wiring and less than 3-1/2" housing height allows Aerion to fly under the radar of most plenum obstructions.



Height for luminaire with Air Return is 4.304"



G1
1 5/16" grid



G2
3/16" grid



G3
3/16" slot tee

Specify "DF" for drywall ceiling conditions

elevate your space



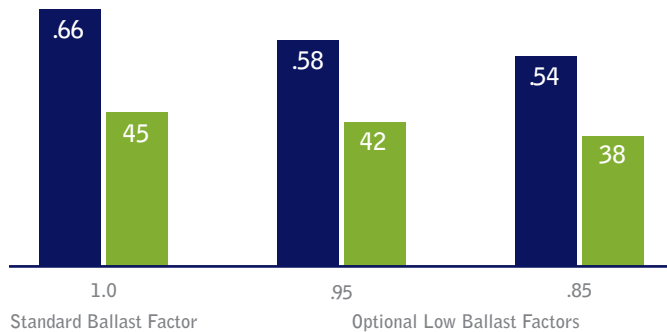


Aerion's high efficiency can assist in achieving energy related LEED points and maximize energy savings. In an open office application, the 2'x4' with two T5 lamps can easily be spaced on 10'x10' centers while maintaining excellent uniformity, light levels and low watts per square foot.

When energy constraints dictate lower watts per square foot consider specifying a ballast with a low ballast factor for less energy consumption.

2'x4' - 2 T5 lamps

- Power Density (Watts/Sq. Foot)**
IECC requirement = 1.0
- Average Footcandle Levels**
IES recommended range = 30fc to 50fc



Room size: 50' x 50' Ceiling height: 9'
Reflectances: 80/50/20 LLF: .85

*Light levels calculated in AGI-32.
Calculations do not include any furniture or partitions.*

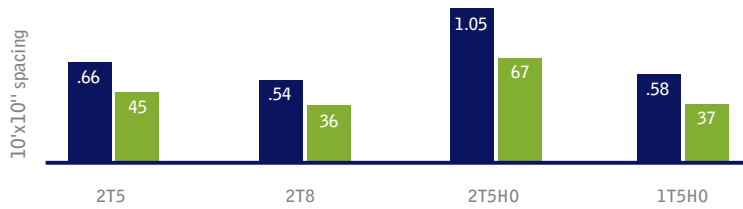
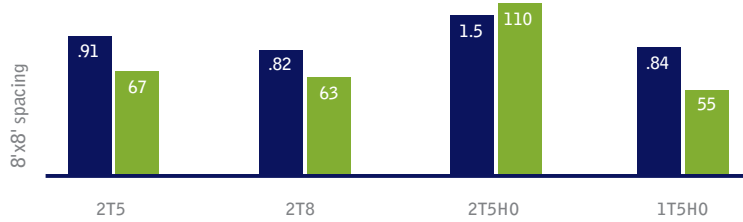
elevate your efficiency

Aerion Design Guide

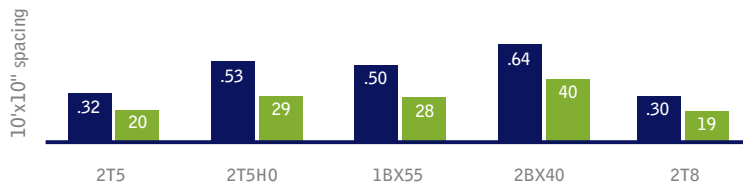
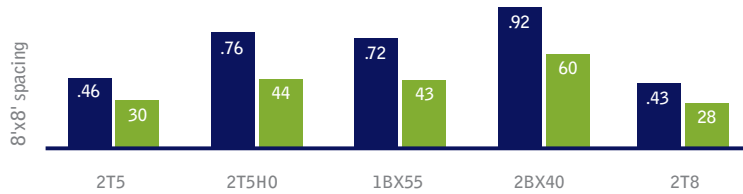
■ Power Density (Watts/Sq. Foot)
(Standard Ballast Factor Shown)

■ Average Footcandle Levels

2' x 4'



2' x 2'



Room size: 50'x50'

Ceiling height: 9'

Reflectances: 80/50/20

LLF: T8-.85

T5, T5H0 & Biax-.85

BF: T8-.87

T5, T5H0 & 55W Biax-1.0

40W Biax-.90

Light levels calculated in AGI-32.

Calculations do not include any furniture or partitions.



The everGreen program illustrates our proactive approach to sustainable design and manufacturing. All luminaires tested at 80% efficient or greater display the everGreen logo.

everGreen qualified lamping configurations

2' x 4'

	Efficiency
1-T5HO OSI Pentron C HO Lamp*	87%
2-T5HO OSI Pentron C HO Lamp*	85%
2-T5 Standard Lamp	83%
1-T5HO Standard Lamp	80%

*Pentron C HO not recommended for dimming applications.

Additional Energy Saving Ideas

Latest Lamp Technology

4' Lamp	Manufacturer	Product	Wattage / Initial Lumens		Advantage
			Latest Lamp	vs Standard Lamp	
T5HO	OSI	Pentron C HO	54W / 4900	54W / 5000	Maintains constant light output from 10°C-70°C ambient
T5HO	GE	Ecolux Watt-Miser	51W / 5000	54W / 5000	5.5-LPW
T5	GE	Ecolux Watt-Miser	26W / 2900	28W / 2900	8-LPW
T8	GE	Ecolux Watt-Miser	28W / 2750	32W / 2950	8-LPW
T8	GE	Ecolux Watt-Miser	30W / 2850	32W / 2950	3-LPW
T8	OSI	Octron Super Saver	25W / 2475	32W / 2950	7-LPW
T8	OSI	Octron Super Saver	28W / 2725	32W / 2950	8-LPW
T8	OSI	Octron Super Saver	30W / 2850	32W / 2950	3-LPW
T8	Philips	Energy Advantage	25W / 2400	32W / 2950	4-LPW
T8	Philips	Energy Advantage	28W / 2725	32W / 2950	5-LPW
T8	Philips	Energy Advantage	30W / 2850	32W / 2950	3-LPW

LPW = Lumen per lamp wattage

2' x 4' Low Ballast Factor Options

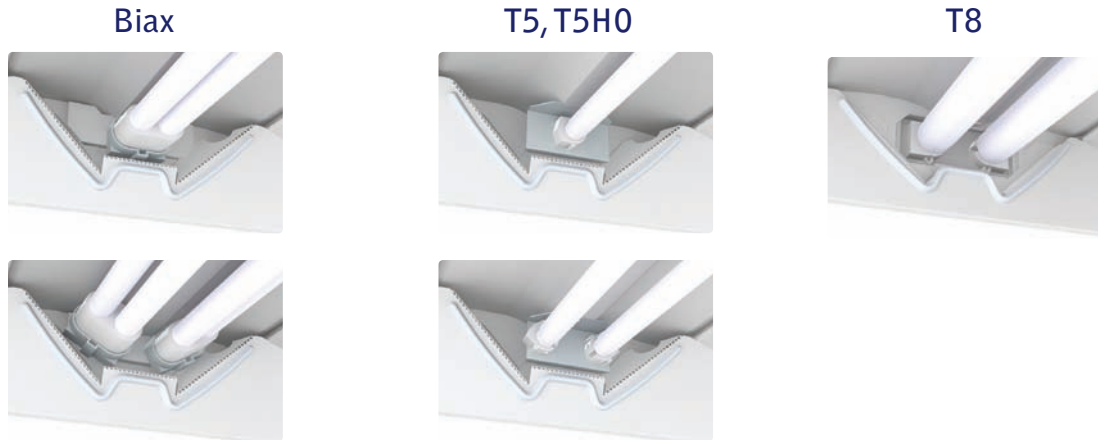
lamp	ballast factor	ordering code
(2)T5	.95	S95
(2)T5	.90	S90
(2)T5	.85	S85
(2)T5HO	.80	S80
(2)T8 (instant start)	.77	E77

Note: 347V not available for low ballast factor.

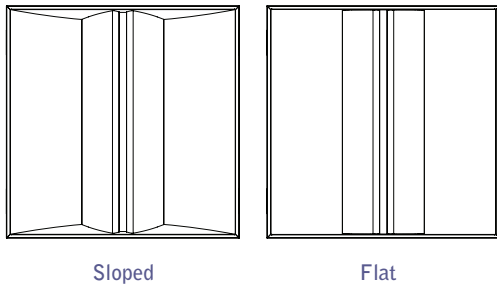


Lamp Options

Aerion offers several lamp types including 1 or 2 lamp Biax in the 2'x2', 1 or 2 lamp T5 or T5 high output and 2 lamp T8 in 2'x2' and 2'x4'.



Endcap/Lens Detail



The sloped endcap of the Biax, T5 and T5H0 housing along with the angled lens minimizes socket shadows. The flat endcap of the T8 housing helps to maximize efficiency.

Seam Sealer™



Seam Sealer ensures a tight fit between housing and lens, making Aerion ideal for use in commercial, healthcare and educational environments.

With T5 thermal characteristics in mind, Aerion's sealed lamp chamber is designed to maintain optimal lamp temperature for maximum light output.

2'x2'		FAR
luminaire series	Aerion	FAR
nominal size	2' x 2'	22
shielding	Acrylic Diffuser	AC
	Acrylic Diffuser with Round Accent Strip	RA
	Acrylic Diffuser with Square Accent Strip	SA
optional color inserts (Leave blank for no color)	Red	R
	Green	G
	Blue	B
lamp quantity	One Lamp (Biax only)	1
	Two Lamps	2
lamp type	40 Watt Biax	BX40
	55 Watt Biax	BX55
	T5	T5
	T5H0	T5H0
	T8	T8
ballast	Electronic Instant Start <10% THD (BX40 & T8 only)	E
	Electronic Program Start <10% THD	S
	Electronic Dimming Ballast*	D
	Electronic Step Dimming (2T5 only)	DA
voltage	120 Volt	120
	277 Volt	277
	347 Volt	347
mounting	15/16" Grid	G1
	9/16" Grid	G2
	9/16" Slot Tee	G3
factory options	Air Return (Overall height for luminaire with Air Return is 4.304")	AR
	Chicago Plenum	CP
	Drywall Frame Kit (Cut out dimensions: Min: 24.25"/Max: 24.563")	DF
	Emergency Battery Pack*	EM
	HLR/GLR Fuse	FU
	Flex Whip*	FW
	Include 3000K Lamp	L830
	Include 3500K Lamp	L835
	Include 4100K Lamp	L841
	Master Satellite*	MS
	Separate Circuit*	SC
	Lutron™ Sensor Feed* (EcoSystem Ballast required)	SF
finish	Matte Satin White	WH
	Matte Satin White with Anti-Microbial Coating	WHA

2'x4'		FAR
luminaire series	Aerion	FAR
nominal size	2' x 4'	24
shielding	Acrylic Diffuser	AC
	Acrylic Diffuser with Round Accent Strip	RA
	Acrylic Diffuser with Square Accent Strip	SA
optional color inserts (Leave blank for no color)	Red	R
	Green	G
	Blue	B
lamp quantity	One Lamp (T5H0 only)	1
	Two Lamps	2
lamp type	T5	T5
	T5H0	T5H0
	T8	T8
ballast	(See chart for low ballast factor options)	
	Electronic Instant Start <10% THD (T8 only)	E
	Electronic Program Start <10% THD	S
	Electronic Dimming Ballast*	D
	Electronic Step Dimming	DA
voltage	120 Volt	120
	277 Volt	277
	347 Volt	347
	(not available with low ballast factor)	
mounting	15/16" Grid	G1
	9/16" Grid	G2
	9/16" Slot Tee	G3
factory options	Air Return (Overall height for luminaire with Air Return is 4.304")	AR
	Chicago Plenum	CP
	Drywall Frame Kit (Cut out dimensions: Min: 24.25"/Max: 24.563" Min: 48.25"/Max 48.563")	DF
	Emergency Battery Pack*	EM
	HLR/GLR Fuse	FU
	Flex Whip*	FW
	Include 3000K Lamp	L830
	Include 3500K Lamp	L835
	Include 4100K Lamp	L841
	Master Satellite*	MS
	Separate Circuit*	SC
	(not available with S95 or S80 ballasts)	
	Lutron™ Sensor Feed* (EcoSystem Ballast required)	SF
finish	Matte Satin White	WH
	Matte Satin White with Anti-Microbial Coating	WHA

T H E
A R T O F
L I G H T[®]



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Visit focalpointlights.com for specifications and other details on our entire Focal Point catalog.

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