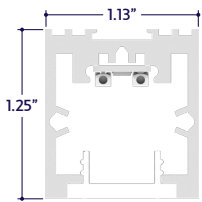


END VIEW / DIMENSIONS



ELECTRICAL

Dimming	0-10V, DMX, DALI
Luminaire Voltage	120V - 277V (UNV)

GENERAL FEATURES

Applications	Accent, Decorative, Surface, Recessed, Pendant Lighting
Lens	Clear, 50% Semi-Frosted, or 100% Frosted
Optics & Asymmetric	15°, 30°, 45°, 60°, 120°, and Asymmetric Optics
Length	Built to Order (+/- 1/8" Tolerance) See Length Restrictions Table for details
Construction	Aluminum Extrusion
Weight	0.616 lbs per foot
Mounting	Aircraft Cable (Sold Separately)
Listing	Dry or Damp Location UL2108, 67.1.9, 60.4, CSA C22.2 #9 UL8750, CSA250
Driver	Remote (Sold Separately)
Temperature Ratings	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)
Installation Link	

MINIMUM & MAXIMUM RUNS

Wattage	1.5W	2W	3W	4W	5W	6W	8W	10W	12W
0-10V & DALI Minimum Run	4'	3'	2'	2'	2'	1'	1'	1'	1'
0-10V & DALI Maximum Run	39'	27'	19'	14'	11'	9'	7'	6'	5'
DMX Minimum Run	4'	3'	2'	2'	2'	1'	1'	1'	1'
DMX Maximum Run	26'	18'	13'	9'	8'	6'	4'	4'	3'

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series	Lens	Watts per Foot	Dimming	BIOS LED	Listing	Finish	Luminaire Voltage ⁶	Luminaire Length
A3-ZITO-PSQ-BIOS								UNV
ZITO Pendant Square BIOS Illuminated (A3-ZITO-PSQ)	Clear Lens (CL)	1.5 Watts (1.5W) 232 Lumens / ft* ¹	0-10V (10V)	BIOS Biological Static: 3500K Daytime* ² (BS-35K)	Indoor (DRY)	Natural Silver* ⁵ (NA)	120 - 277V Line Voltage (UNV)	Specify Length in Feet & Inches Example: 7'8"
	50% Semi-Frosted Lens (SF)	2 Watts (2W) 310 Lumens / ft* ¹	DALI (DALI)					
	100% Frosted Lens: Line of Light (F)	4 Watts (4W) 620 Lumens / ft* ¹	DMX-512 (DMX)	BIOS Biological Dynamic: 3500K Daytime - 3000K Evening* ³ (BD-35K-30K)		White (WH)		
	Asymmetric Lens (ASM)	5 Watts (5W) 775 Lumens / ft* ¹					Satin / Silver (SA)	
	15° Optics (15D)	6 Watts (6W) 930 Lumens / ft* ¹		BIOS Biological Tunable: 3500K Daytime - 2700K Evening* ⁴ (BT-35K-27K)		Black (BK)		
	30° Optics (30D)	8 Watts (8W) 1240 Lumens / ft* ¹						
	45° Optics (45D)	10 Watts (10W) 1550 Lumens / ft* ¹						
	60° Optics (60D)	12 Watts (12W) 1860 Lumens / ft* ¹						

- ¹ Lumens per Foot based on 35K CCT LED. **Example:** 155 Lumens x 10 Watts = 1550 Initial Lumens per Foot
- ² BIOS Biological Static available in standard 3500K Daytime CCT. Consult factory for other color temperature options.
- ³ BIOS Biological Dynamic available in standard 3500K Daytime - 3000K Evening CCT gamut. Consult factory for other color temperature options.
- ⁴ BIOS Biological Tunable available in standard 3500K Daytime - 2700K Evening CCT gamut. Consult factory for other color temperature options.
- ⁵ Standard Finish is Natural Silver (NA) if left blank.
- ⁶ Remote drivers wattage sized based on length of run. **Example:** 6' run x 10 watts per foot = 60 watts. Driver will be sized to 60 watts maximum.

LENS / OPTICS APPEARANCE



Clear Lens (CL)
Visible Diode Image
0% Loss Factor



50% Semi-Frosted Lens (SF)
Slight Diode Image
12.5% Loss Factor



100% Frosted Lens (F)
No Diode Image: Line of Light
25% Loss Factor

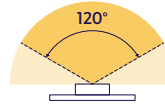


Asymmetric Lens (ASM)
Slight Diode Image
18% Loss Factor

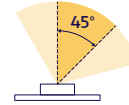


Optic Lens (15D, 30D, 45D, 60D)
Slight Diode Image
18% Loss Factor

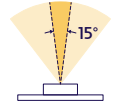
BEAM ANGLES



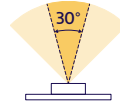
120° x 120° Beam
Clear Lens (CL)
50% Semi-Frosted Lens (SF)
100% Frosted Lens (F)



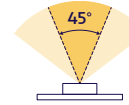
45° x 60° Beam
Asymmetric Lens (ASM)



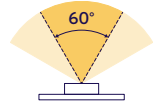
15° x 60° Beam
Optic Lens (15D)



30° x 60° Beam
Optic Lens (30D)

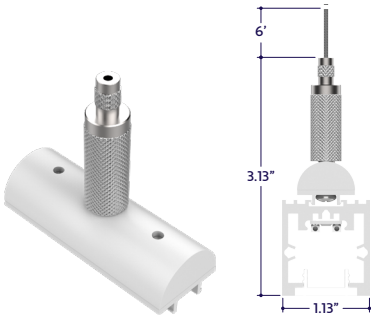


45° x 60° Beam
Optic Lens (45D)



60° x 60° Beam
Optic Lens (60D)

MOUNTING OPTIONS (Sold Separately)



Part #	Qty.
A3-ZITO-PSQ-AC-6'	

Note: Use 2 aircraft cables per luminaire segment.
Click on image to see cut sheet for additional details.

DRY CONNECTORS (Sold Separately)

Note: Connector style subject to change without notice. Refer to cut sheet or installation instructions for wiring colors.



Part #	Length	Qty.
A3-PC-2P-DRY-	36"	
A3-PC-2P-DRY-		



Part #	Length	Qty.
A3-PC-2P-DRY-BK-	36"	
A3-PC-2P-DRY-BK-		



Part #	Length	Qty.
A3-PC-2P-DRY-WH-	36"	
A3-PC-2P-DRY-WH-		



Part #	Length	Qty.
A3-CC-2P-DRY-	3"	
A3-CC-2P-DRY-		



Part #	Length	Qty.
A3-CC-2P-DRY-BK-	3"	
A3-CC-2P-DRY-BK-		



Part #	Length	Qty.
A3-CC-2P-DRY-WH-	3"	
A3-CC-2P-DRY-WH-		

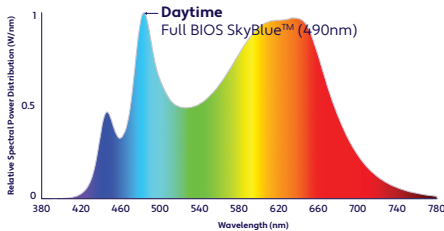
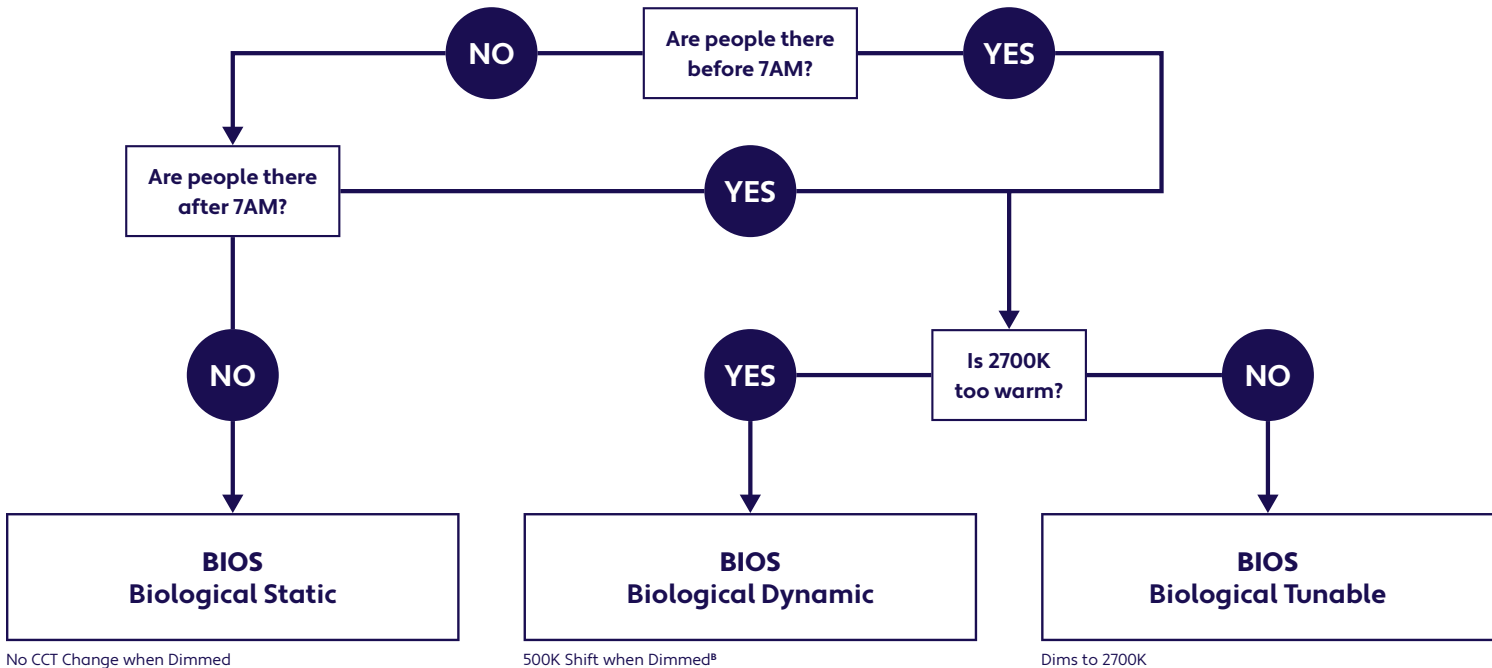
DELIVERED MELANOPIC RATIOS

BIOS Solution / Nominal CCT / Product Code	Spectral Mode	CRI	R9	Daytime Spectrum Melanopic Ratio* (M/P)	
				m-EER	m-DER
BIOS Biological Static: 3500K Daytime (BIOS-BS-35K)	Daytime Solution	80+	> 90	≥ 0.80	≥ 0.72
BIOS Biological Dynamic: 3500K Daytime - 3000K Evening (BIOS-BD-35K-30K)	Daytime + Evening Solution	80+	> 90	≥ 0.70	≥ 0.63
BIOS Biological Tunable: 3500K Daytime - 2700K Evening (BIOS-BT-35K-27K)	Daytime + Evening Solution	80+	> 90	≥ 0.80	≥ 0.72

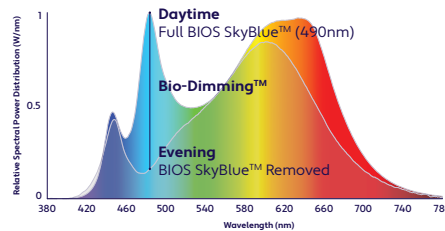
*Melanopic ratios are provided in two forms: (m-EER) which is calculated using the WELL v2 methodology and the corresponding CIE melanopic Daylight Equivalent Ratio, (m-DER).

CHOOSING YOUR BIOS SOLUTION

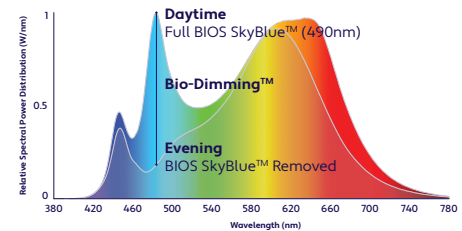
ALUZ offers four different BIOS Circadian LED Solutions – Biological Static, Biological Dynamic, and Biological Tunable White. Use the decision tree below to identify when and where to use BIOS Wellness LED Lighting Solutions .



Daytime Solution
(Offices, Medical / Dental Offices)
Spaces in operation during daytime hours, between 7AM and 7PM.



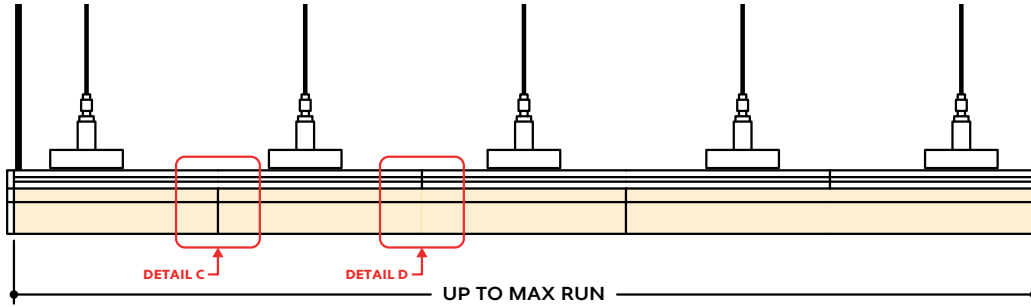
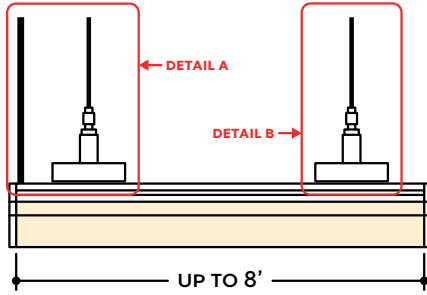
Daytime + Evening Solution
(Hospitals)
Spaces in operation overnight, after 7PM and before 7AM.
CCT color shift in the evening not preferred.
(^B3000K dims to 2700K)



Daytime + Evening Solution
(Offices, Shiftwork)
Spaces in operation overnight, after 7PM and before 7AM and people do not sleep there.
CCT color shift in the evening not preferred.

DESIGN GUIDELINES

Individual Fixture



KEY

- Detail A Power Feed:** Power is fed through the back of the fixture, through the end cap.
- Detail B Suspension:** Pendant mount luminaires use an aircraft cable suspension system.
- Detail C Two Lenses Meet:** Lenses are staggered so that the lens always overlaps where two extrusion segments meet. Refer to installation instructions for additional details.
- Detail D Two Extrusions Meet:** Two extrusion segments meet, held together by a lock bar. Refer to installation instructions for additional details.

Note: Drawings not to scale. Product may differ from examples shown.