

DESCRIPTION

The Paralux III Series features recessed aesthetics and the latest in energy efficient technology. The luminaire incorporates a true 3" deep precision cell louver into a deep para-contoured fixture housing. This combination creates a total high performance parabolic optical assembly for optimum performance. The series is compatible with all of today's popular ceiling systems and is available with a number of options and accessories for application versatility. The high performance luminaire is designed to offer maximum efficiency and performance for today's unique interior specifications. The Paralux III series is an excellent choice for commercial office spaces, schools, hospitals or retail merchandising areas.

SPECIFICATION FEATURES

Construction

Deep, para-contoured housing, die formed of code gauge, prime cold rolled steel. Die embossed housing has full length die formed stiffeners for added strength. Ballast/wireway cover is easily removed. Die formed captive lampholder bracket fully encloses lampholder wiring permitting easy lampholder replacement. Heavy end plates are securely attached with interlocking tabs and screws. Four auxiliary fixture end suspension points provided. KOs for continuous row wiring. End plates have labor saving integral Grid-Lock feature for safety and convenience. Housing features enable fixture to be converted from Grid to T-option or vice versa in the field.*

Electrical**

Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Pressure lock lampholders. UL/CUL listed. Suitable for damp locations.

Finish

Lighting grade, baked white enamel finish. Multistage, iron phosphate pretreatment ensures maximum bonding and rust inhibition.

Hinging/Latching

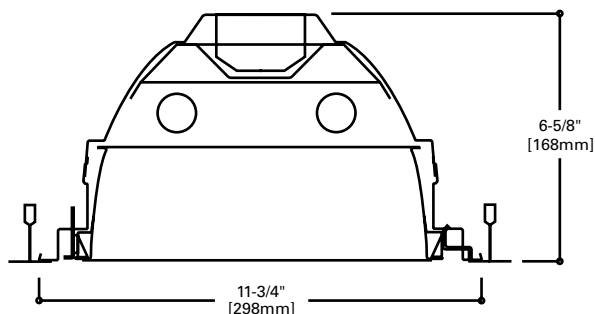
Positive cam action spring loaded, self locking, black steel latches. Safety lock T-hinges allow hinging and latching either side.

Louver

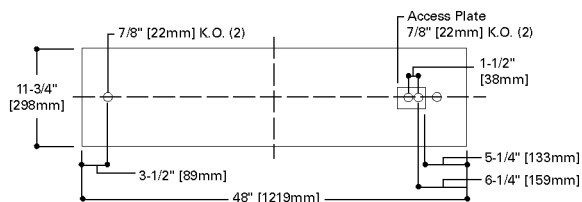
Die formed of low iridescent, vertical grain anodized aluminum. Finish is Anodic oxide coating. Accurate precision parabolic cells are held in place with interlocking feature. Truecut mitered corners. Black reveal with integral mechanical light seal around entire perimeter of louver. Louver protected from construction contaminants by polyethylene cover.

Compliance

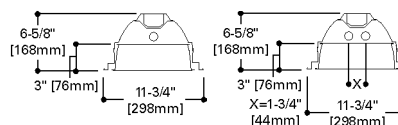
Options to meet Buy American Act requirements.



MOUNTING DATA



LAMP CONFIGURATIONS



CEILING COMPATIBILITY

G	T	T	F	MZ	Ceiling Type	Trim Type	
Grid/Lay-in Standard	Concealed T	Slot Grid	Aluminum Flange Trim With Supporting Swing Gates	Modular Trim With Supporting Swing Gates	Exposed Grid	G	
					Concealed T	G or T	
					Slot Grid	G or T	
					Flange	F	
					Concealed "T" or "Z"	MZ	
					Metal Pan	MZ	
						(Verify compatibility/ consult factory.)	

Catalog #		Type	
Project		Date	
Comments			
Prepared by			



EP3GAX

128T5
154T5
228T5
254T5

8 Cell

1' X 4' PARABOLIC
1 OR 2 T5 LAMPS
SEMI-SPECULAR OR
SPECULAR LOUVER

Paralux III
Recessed Static or
Air Supply Troffer



ENERGY DATA

Input Watts:
EB Ballast & STD Lamps
128T5 (34), 154T5 (71)
228T5 (59), 254T5 (114)

**Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements

LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

LINEAR DISCONNECT

Safe and convenient means of disconnecting power.



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November 30, 2021 8:12 AM

ORDERING INFORMATION

SAMPLE NUMBER: EP3GAX-228T5S181-UNV-EBT1-U

<p>Domestic Preferences ⁽¹¹⁾ [Blank]=Standard BAA=Buy American Act</p>	<p>Number of Lamps 1=1 Lamp 2=2 Lamps</p>	<p>Options GL=Single Element Fuse GM=Double Element Fuse WTR=White Reveal Flex=Flex Installed (Reference Flex ordering information) EL=Emergency Installed ⁽¹⁰⁾</p>	<p>Ballast Type EBT =T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0</p>	<p>Options PAF=Painted After Fabrication REP=Gauge Riveted Endplates</p>
<p>Rating Blank=Standard ATW-SW4=Chicago Rated</p>	<p>Wattage 28T5=28W T5 (48") 54T5=54W T5HO (48")</p>	<p>Voltage ⁽⁴⁾ 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁽⁵⁾</p>	<p>Ballast/FactorType EBT_N=T5 Electronic ⁽⁷⁾ Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90</p>	<p>Packaging U=Unit Pack PAL=Job Pack, out of carton PALC=Job Pack, in carton</p>
<p>Heat Removal ⁽¹⁾ HR=Heat Removal HRDO=Heat Removal Damper Open HRDC=Heat Removal Damper Closed</p>	<p>Louver Color S=Silver W=White</p>	<p>Option – Aluminum Flange Trim ⁽⁶⁾ Blank=SW (Single White) Type Color 'S' Single 'N' Natural 'R' In Row 'W' White 'E' End of Row</p>	<p>EBT_H=T5 Electronic ⁽⁸⁾ Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15</p>	
<p>Series EP3=Paralux III</p>	<p>Cell Configuration 18=1 Row of 8, 8 Cell (1'x4')</p>		<p>EBT_NDIM=T5 Electronic ⁽⁹⁾ Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0</p>	
<p>Trim Type ⁽²⁾ G=Grid/Lay-in – Standard T=Concealed T/Slot Grid ⁽³⁾ F=Aluminum Flange Trim ⁽⁶⁾ MZ=Modular Trim</p>	<p>Louver Finish I=Semi-Specular/Haze (Low Iridescent) Standard P=Painted</p>		<p>EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15</p>	
<p>Air Supply AX=Air Supply Floating Louver X=Blank Side/Floating Louver Non-Air Supply AVX=Air Supply Floating Louver with Directional Air Vane</p>			<p>Number of Ballasts 1=1 Ballast 2=2 Ballasts</p>	

ACCESSORIES ⁽¹²⁾

EQ-CLIP-U=T-BAR Safety Earthquake Clips ⁽³⁾

NOTES: ⁽¹⁾ Integral end plate grid lock feature not available in heat removal. ⁽²⁾ Convertibility applies to housing only, appropriate shielding media assemblies must be utilized. Fixture also adaptable with flanged or modular trims. ⁽³⁾ An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. ⁽⁴⁾ Products also available in non-US voltages and frequencies for international markets. ⁽⁵⁾ Not available when specifying emergencies, voltage must be specific. ⁽⁶⁾ Specify row configuration, type in catalog number when ordering complete fixture. ⁽⁷⁾ .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. ⁽⁸⁾ 1-Lamp ballast in a High Ballast factor not available. ⁽⁹⁾ 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. ⁽¹⁰⁾ Please specify required voltage, 120V or 277V. ⁽¹¹⁾ Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to **DOMESTIC PREFERENCES** website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. ⁽¹²⁾ Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

SHIPPING INFORMATION

Catalog No.	Wt.
EP3GAX-128T5S181	29 lbs.
EP3GAX-154T5S181	29 lbs.
EP3GAX-228T5S181	29 lbs.
EP3GAX-254T5S181	29 lbs.