RAB® DESIGN

MODˣ
Modular Highbay Fixture

The MODx is a highbay LED fixture that is modular in design where multiple housings can be combined together in parallel or a single housing can be constructed for lengths of 2', 4', 6', or 8'.

Project	
Type	
Date	
Notes	

APPLICATIONS

Ideal for a variety of highbay applications such as retail, warehouses, libraries, atriums, and other high ceiling environments.

SPECIFICATIONS

Construction
The MODx is a 22.5" module with an anodized aluminum extrusion custom designed and manufactured in Canada that facilitates optimal heat dissipation. Fixture has a slide-in polycarbonate lens. End plates are made from anodized aluminum and attach to the fixture with 4 machine screws on either side. Linear sections of 2', 4', 6', or 8' can be configured. 2' or 4' modules of 1, 2, 3, or 4 fixtures can be configured in parallel.

Mounting
Fixture has been designed for suspended or chain mounting. Pendant mount also available as an option.

Operating Temperature
90° C case driver temperature for maximum life. Operating temperature range of -40° C to +35° C.

LED Configuration
Each 22.5" fixture has 3 custom designed LED strips with 72 LEDs each that deliver a total lumen output of 10,000 lumens at an efficacy of approximately 87 lumens/watt.

Electrical
Total system wattage is 115W per module. Fixture has a high efficiency driver that operates at 120 - 277V. 347V also available as an option.

Options
Beam and glare control through optical diffusion lenses. 10kV surge protection, 0 - 10V dimming, back up power supply, pendant mount, 10', 20' aircraft cable with hook, 36" hanger chain, straight plug cord set, twist lock cord set, sensor.
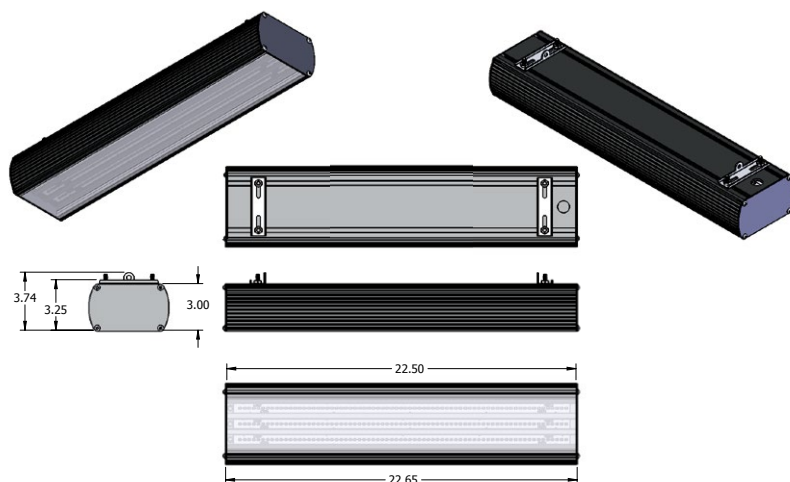
Finish
Anodized black finish is standard.

Length of Single Module	22.5"
Fixture Watts	115W
Lumens	10,011
Efficiency	87 lumens per watt

Warranty	5 Years
Colour Temperature	5000K (standard)
Rated Life	100,000 hours

DIMENSIONS

3.74 3.25 3.00
22.50
22.65

Linear

4 foot section

Parallel

2X2 foot section

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MOUNTING OPTIONS

Wire mount bracket

←——— 3.740 ———→

∅ 0.287 ——— R0.320

0.740

1.000
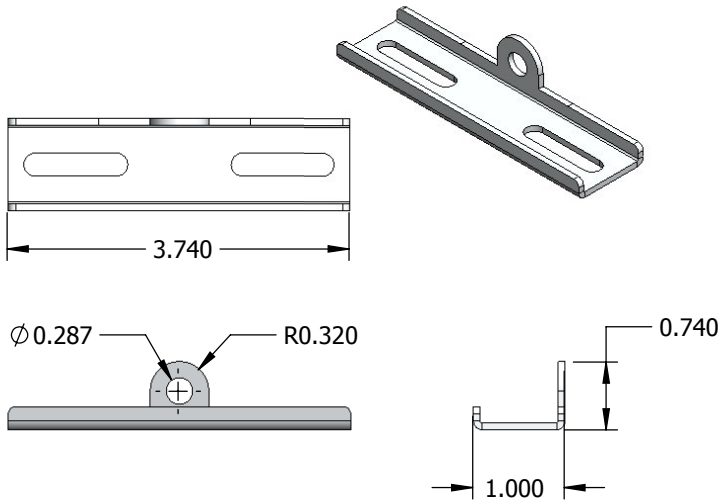
Wire Mount Bracket

ORDERING GUIDE

MODˣ2	LED115 L1	VOLTAGE	COLOUR TEMP	BEAM	FINISH	MOUNTING	OPTIONS
	LED115 P2						
	LED115 P3	B - 120 -	5K - 5000K*	N - Narrow	BLK - BLACK*	SCM - Suspended	SP - 10kV Surge Protection
	LED115 P4	277V*		M - Medium		Chain Mount*	DIM - 0-10V Dimming
		C - 347V		EL - Elliptical		PM - Pendant	BPS - Backup power supply
MODˣ4	LED230 L1			CL - Clear Lens*		Mount	AC10 - 10' Aircraft cable
	LED230 P2						AC20 - 20' Aircraft cable
	LED230 P3						HC36 - 36" Hanger chain
	LED230 P4						SP120 - 120V Straight Plug
							SP277 - 277V Straight Plug
MODˣ6	LED345 L1						TP120 - 120V Twistlock Plug
							TP277 - 277V Twistlock Plug
MODˣ8	LED460 L1						TP347 - 347V Twistlock Plug
							Sensor

* Standard configuration

The number after 'x' denotes module lengths in feet. For ex: MODx2 is a 2 foot section.

The suffix 'L' stands for Linear configuration, the suffix 'P' stands for Parallel configuration.

The number that follows the 'L' or 'P' denotes the number of modules that are combined together.

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