

# SPECIFICATIONS



LIGHT BEAM AND RECEIVER ARRAYS	POWER SUPPLIES
<b>Size:</b> 1.57"W x 81.125"L x .75"D (39.7mmW x 2061mmL x 19mmD) <b>Cable Length:</b> 18 feet (5486mm), connectorized at both ends <b>Distance between bottom of receiver housing and lowest detector:</b> 2 inches (50.8mm) <b>Distance between bottom of receiver housing and highest detector:</b> 64 inches (1625mm) <b>Range:</b> Up to 12 feet (3658mm) <b>Number of light beams:</b> 64 (2 per detector operating in a redundant mode) Rated at 100,000 lux <b>Operating Voltage Range of Arrays:</b> 12-30 VDC <b>Maximum allowable installed misalignment:</b> ±20 degrees @ 3 feet <b>Response Time:</b> 50 milliseconds nominal, 75 milliseconds max. <b>Maximum Current Draw:</b> 130mA total of both arrays <b>Ratings:</b> NEMA 1 for Standard Leading Edge; NEMA 4, IP67 for Waterproof Arrays <b>Diagnostic Indicators:</b> <b>Receiver Array Indicators:</b> TOP RED LED: DSA™ Indicator (Dynamic Sensitivity Adjustment) LOWER RED LED: Output Status Indicator <b>Light Beam Array:</b> RED LED: Flash Rate Indicator. Flash Rate denotes Operational Status.  <b>Exceeds ADA American Disability Requirements</b>	<b>Size:</b> Non-Metallic, 3.25"H x 9.2"W x 6"D (82.5mmH x 233.1mmW x 152mmD) Non-Metallic Waterproof, NEMA 4, 3"H x 9.375"W x 5"D <b>Voltage Requirements:</b> 120 or 240 VAC Power Supply <b>Power Consumption:</b> 5 VA maximum <b>Plug-In Output Relay:</b> MASTER CONTROL RELAY... SPDT action with contacts rated up to 10 A @ 250 VAC or 30 VDC. Relay de-energizes when obstruction is detected. <b>Models Equipped with Nudge-1 PC Assembly:</b> <b>Accessory Relay Switch Selectable Options:</b> <b>Option 1:</b> Functions as a Nudging Relay that energizes after Adjustable Delay. <b>Option 2:</b> Functions as a Redundant Relay...i.e., Master Control Relay and Accessory Relay operate simultaneously. <b>Buzzer Options:</b> ON-OFF Switch Selectable...energizes after Adjustable Delay. <b>Diagnostic Indicators:</b> Main output relay status indicator Nudge relay status indicator on Nudge Board DC power ON indicator <b>Nudge Time Out:</b> Adjustable from 5 to 45 seconds <b>Power Supply Enclosures:</b> NEMA 1 for Non-Metallic NEMA 4, IP67 Non-Metallic for "W" Series <b>Operating Temperature Range:</b> -40°F to +158°F (-40°C to 70°C) <b>Operating Humidity Range:</b> Up to 95% relative humidity at 104°F (40°C)



## ORDERING INFORMATION

EDGE	ADD-ON BOARDS <small>For EDGE4 &amp; 5 ONLY</small>	FINISH	SERIES
<b>EDGE-4</b> (Power Supply with Non-Metallic Enclosure) <b>EDGE-5W</b> (Power Supply with Non-Metallic Waterproof Enclosure) <b>EDGE-6</b> (No Power Supply)	No Board - <b>(Blank)</b> Nudge Board - <b>N</b>	Black - <b>(Blank)</b> Gold - <b>G</b> Silver - <b>S</b>	Water Resistant- <b>(Blank)</b> Waterproof- <b>W</b> (LA-2W, RA-2W & Edge-6W)

### Anodized Array Colors:

- Black
- Bright Silver
- Bright Gold



All models include the EGAC-4 kit which consists of mounting brackets and hardware.

Complete Standard Systems	Power Supply Case		Array Colors			Nudging	
Description Part Numbers	Non-Metallic PSC-4/PSC-4N	Non-Metallic PSC-5W/PSC-5NW	Black LA-2 & RA-2	Sliver LA-2S & RA-2S	Gold LA-2G & RA-2G	Yes NUDGE-1*	No
EDGE-4	X		X				X
EDGE-4S	X			X			X
EDGE-4G	X				X		X
EDGE-4N	X		X			X	
EDGE-4NS	X			X		X	
EDGE-4NG	X				X	X	
Complete Waterproof System						NUDGE-1	
EDGE-5W		PSC-5W	LA-2W & RA-2W				X
EDGE-5NW		PSC-5NW	LA-2W & RA-2W			X	
Leading Edge Arrays Less-Power Supply							
EDGE-6			LA-2 & RA-2				
EDGE-6S				LA-2S & RA-2S			
EDGE-6G					LA-2G & RA-2G		
EDGE-6W (Waterproof)			LA-2W & RA-2W				

All models include the EGAC-4 kit which consists of mounting brackets and hardware.

\* The NUDGE-1 PC Assembly can be field installed on any model power supply.

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