LED Lighting Systems
i2SYSTEMS LEDS

i2Systems' LEDs can be quickly installed and are powered by a reliable low-voltage power supply.

Each lamp features connectorized 2-meter cables for a quick run and termination to the power supply. Dimmability is delivered with the optional LightLink power supply.

LED elevator lighting systems offer considerable operating advantages over conventional incandescent, halogen and fluorescent lamps.

The first advantage is lower power consumption. LEDs use only 25% of the power of halogen lamps. They also significantly reduce the cab's heat load.

An even more important advantage is the far lower replacement cost. LEDs have a long service life, generally around 50,000 hours. You will have changed out 20 halogen lamps before you'll have to replace an i2Systems LED. When you add labor costs to the price of the lamps, LEDs become a very attractive alternative.

Finally, consider the environment. Switching to LEDs keeps those 20 halogen lamps and their heavy metal/halogen content from ending up in a landfill.

Features

- Beautiful down lighting without LED "dots" and hotspots
- Easy dimming for trimming light levels once installed
- Battery backup that lasts up to 8 hours and weighs only 16 lbs
- Simple installation with snap in mounting and prewiring for easy hookup
- Designed and manufactured by i2Systems in the USA.

Draka offers several versions of i2Systems' LED lighting systems for elevators and escalators. Use the diagrams below to help you choose the system that best fits your needs:

Building a dimmable round recessed lighting system

| E01D or E05 | LL-101-01 | Apeiron |
| Power Box | LightLink | A1161 fixtures |

Building a dimmable round recessed lighting system with battery backup

| E06E | LL-101-04 | Apeiron |
| Power Box | LightLink | A1161 fixtures |

Building a non-dimmable round recessed lighting system

| E05 | Apeiron |
| Power Box | A1161 fixtures |
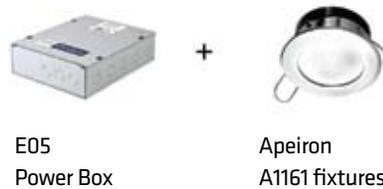
Building a dimming linear lighting system

| E01D | LL-101-01 | S-Line S1200 |
| Power Box | LightLink | fixtures |

Building a non-dimming linear lighting system

| E05 | S-Line S1200 |
| Power Box | fixtures |

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LED Lighting Systems
i2SYSTEMS APEIRON ROUND RECESSED LIGHTING

Apeiron round dimmable LED lamps

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Part Number	Description	Finish	Light Color
A1161Z-11B01L	A1161 round LED, with full range dimming	Chrome	Neutral White
A1161Z-21B01L	A1161 round LED, with full range dimming	Gold	Neutral White
A1161Z-41B01L	A1161 round LED, with full range dimming	Nickel	Neutral White
A1161Z-61B01L	A1161 round LED, with full range dimming	Black	Neutral White
A1161Z-11CAA3	A1161 round LED, with full range dimming	Chrome	Warm White
A1161Z-21CAA3	A1161 round LED, with full range dimming	Gold	Warm White
A1161Z-41CAA3	A1161 round LED, with full range dimming	Nickel	Warm White
A1161Z-61CAA3	A1161 round LED, with full range dimming	Black	Warm White
PS24V45W-E01D	E01D power box for up to nine LED fixtures		
PS24V45W-E06D	E06 power box with battery back-up for up to nine LED fixtures		
LL-101-01	LightLink dimming module, used with the E01 power source		
LL-101-04	LightLink dimming and battery management module		

Apeiron LED puck-style lamps fit almost all existing recessed installations.

They feature a rugged stainless steel and anodized aluminum construction, have a sealed design, and have electronic regulation to ensure product longevity. Spring clip mounting offers simple installation with a secure fit. Apeiron systems are dimmable.

All A1161 systems offer battery backup as an option.

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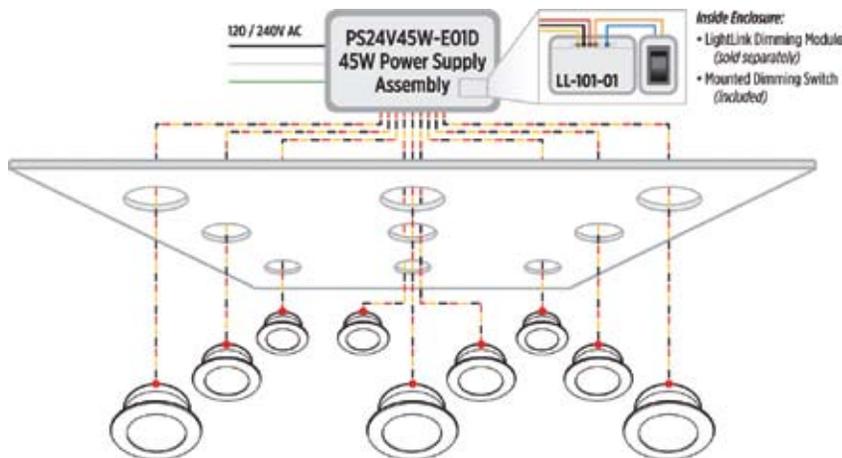
LED Lighting Systems
i2SYSTEMS S-LINE S1200 DIMMABLE LINEAR LIGHTING

S-Line linear dimmable LEDs

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Part Number	Description
S1200A-1dyccc	S1200 linear LED, 12" length, with full range dimming, 6W
S1200A-8dyccc	S1200 linear LED, 18" length, with full range dimming, 9W
S1200A-2dyccc	S1200 linear LED, 24" length, with full range dimming, 12W
S1200A-3dyccc	S1200 linear LED, 36" length, with full range dimming, 18W
S1200A-4dyccc	S1200 linear LED, 48" length, with full range dimming, 24W
SLA-1	S1200 adjustable mounting bracket, stainless steel
SLA-2	S1200 fixed mounting bracket, stainless steel
SLA-3	S1200 end-mount pivot mounting bracket, stainless steel
PS24V45W-E01D	E01 dimming power box, powers up to 7' of LED fixtures
PS24V75W-E01D	E01 dimming power box, powers up to 12' of LED fixtures
PS24V120W-E01D	E01 dimming power box, powers up to 20' of LED fixtures
PS24V75W-E05	E05 power box, economy design
LL-101-01	LightLink dimming module, used with the E01 power source
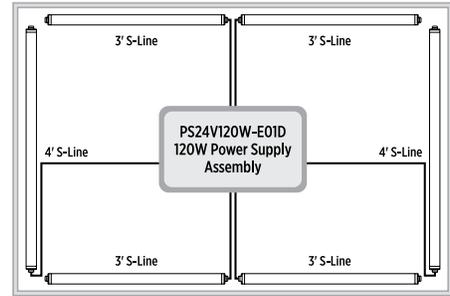
S-Line S1200dimmable linear fixtures are available in lengths from 12 to 48 inches and offer the same operating advantages as the Apeiron lights. Linear LEDs have adjustable or fixed stainless steel brackets. Snap-on design allows placement anywhere along the fixture.

3' S-Line	3' S-Line
4' S-Line	**PS24V120W–E01D 120W Power Supply Assembly**	4' S-Line
3' S-Line	3' S-Line

Escalator demarcation LEDs

Part Number	Description
SL1-865-3	Escalator demarcation lamp for dry/damp conditions, 18", 7.5W
VL3-865-3-HB	Escalator demarcation lamp for wet conditions, 18", 12W
PS24V35W-01	120/240V AC power box for escalator LEDs
SLA-1	Adjustable mounting bracket for SL1-865-3, stainless steel, for damp areas
SLA-2	Fixed mounting bracket for SL1-865-3, stainless steel, for damp areas
SLA-3	End-mount pivot mounting bracket for SL1-865-3, stainless steel, for damp areas
VLA-5	Adjustable mounting bracket for VL3-865-3-HB, stainless steel, for wet areas
VLA-3	Fixed mounting bracket for VL3-865-3-HB, stainless steel, for wet areas
VLA-6	End-mount mounting bracket for VL3-865-3-HB, stainless steel, for wet areas

Escalator demarcation LEDs are designed for damp and wet conditions. They offer the same operating advantages as the other i2Systems LED lamps. Escalator demarcation lamps are not dimmable.

Due to constant power design, input current will vary depending on input voltage. Be sure to use the correct AWG wire size for worst case input voltage.

SLA-1

SLA-2

SLA-3

SL1-865-3

VLA-5

VLA-3

VLA-6

VL3-865-3-HB

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