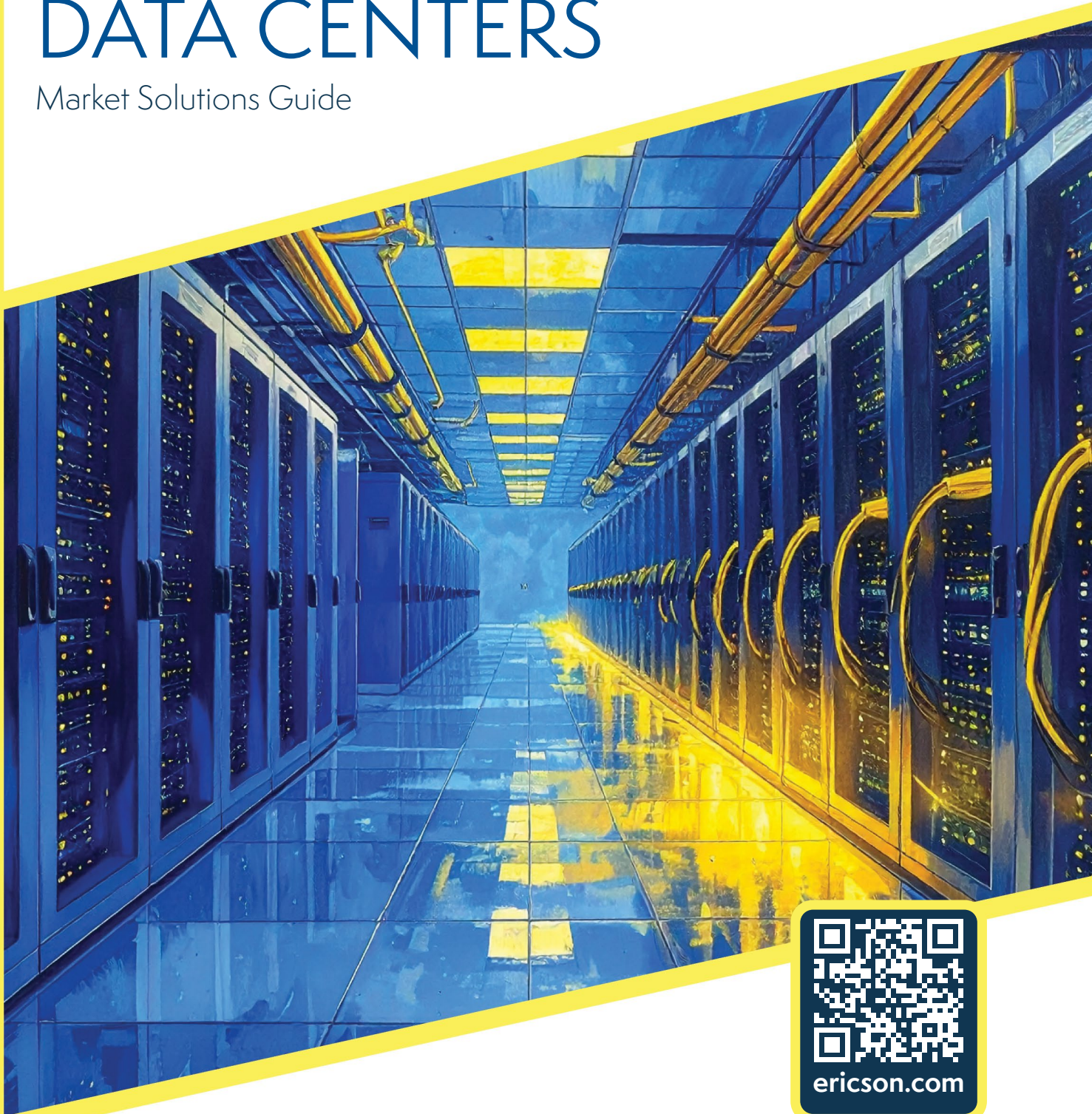


DATA CENTERS

Market Solutions Guide



ericson.com

LIGHTING AND POWER THAT MOVE AS FAST AS TECHNOLOGY
Precision-engineered for rapid deployment, reliability and the next generation of intelligent infrastructure.



ABOUT ERICSON MANUFACTURING

It all started with a simple idea—our original 1918 patent for a rubber hand lamp that made jobsites safer. That first innovation set the tone for who we are: a family-owned company built on solving tough challenges with smart, rugged solutions.

For more than 100 years, we've led the way in electrical safety and innovation. We design and build the vast majority of our products in the U.S., giving you a reliable, secure supply chain you can count on.

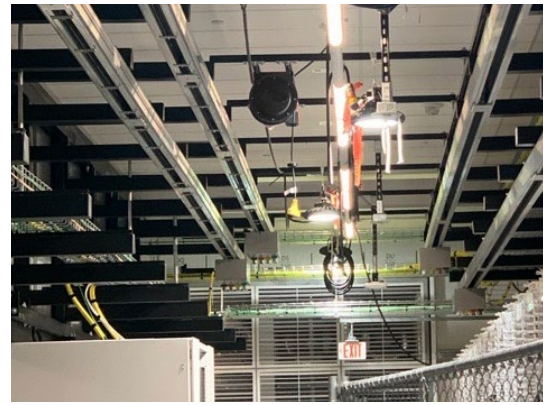
While Ericson has long been trusted on jobsites, our solutions power a wide range of industries—including live events, rental operations, AI data centers, OEMs, and food and beverage facilities.

Whether you need something off the shelf or a fully customized configuration, we deliver with craftsmanship, flexibility, and an unwavering commitment to safety.



Go to [Ericson.com](https://ericson.com), and at the search bar  enter your part number for an Ericson cross or contact our applications team at **1-800-ERICSON. (374-4266)**

Power and Lighting for the Future of Data Centers



Ericson's UFO's illuminate AI Data Centers.

Why Choose Ericson for Data Center Projects?

- **Rapid Deployment** – Plug-and-play temporary power and lighting systems reduce setup time and keep projects on schedule.
- **Scalable Solutions** – Flexible configurations adapt to the unique needs of AI and hyperscale data center environments.
- **Proven Reliability** – Backed by over 100 years of experience powering critical infrastructure projects worldwide.
- **Expert Support** – A 4th generation, family-owned company with over 100 years of experience and a team of specialists ready to guide you from project planning through completion.
- **Durability You Can Trust** – Rugged, American-made equipment engineered to withstand tough jobsite conditions.
- **Unmatched Safety** – Industry-leading GFCI protection and OSHA-compliant products safeguard crews and equipment.
- **No Downtime, Even During the Build** – . While permanent power is underway, our temporary power systems keep your data center energized and construction on schedule.



Eric's Pro Tip

When every minute matters, speed is everything. That's why Ericson's plug-and-play temporary power and lighting solutions are designed for quick setup — so your crews spend less time setting up and more time building for the future.



ATS - AUTOMATIC TRANSFER SWITCH

400- 1200-AMPS

- 400-1200-Amp, 480 Volt, 3 phase rating
- Camlock inputs for both Utility Power and Gen Power
- Camlock outputs in rear
- Other voltages available
- Manual Transfer Switch option available
- Portable and compact
- Steel frame with lifting eyes and fork tube pockets



I-LINE PORTABLE PANNELBOARD CORE & FLEX SERIES

PORTABLE PANEL BOARD
400-1200-AMP MAIN LUG, 3-PHASE,
480Y/277, 600Y/347, 208Y/120

- NEMA 3R construction
- White enclosure standard, other colors available
- 2 standard sizes
- Rear CAM-Type input panel
- Removable and replaceable side panels
- Receptacle options include CAM-Type, NEMA, IEC
- Forklift pockets for easy maneuvering
- Custom configurations available



PTU E-CART™ - OPEN & CAGE FRAME OPTIONS - ALUMINUM & STEEL

POWER TRANSFORMATION UNITS
15KVA - 45KVA, 480-600V, SINGLE & 3-PHASE

- Select models cETLus listed
- UL943-5th edition, self-testing GFCI
- UL1640 - design assembly
- NEMA 3R, 4X and hazardous location
- 15-45kVA, single & 3-phase
- Dual primary - 480/600V primary available
- 2 & 4 wheel transformer carts
- Customizable design, color & labeling



PTU E-CART™ - OPEN & CAGE FRAME OPTIONS - ALUMINUM & STEEL

POWER TRANSFORMATION & DISTRIBUTION UNITS
25KVA - 300KVA, 480-600V, SINGLE & 3-PHASE

- Select models cETLus listed
- UL943-5th edition, self-testing GFCI
- UL1640 - design assembly
- NEMA 3R, 4X and hazardous location
- 25-300kVA, single & 3-phase
- Dual primary - 480/600V primary available
- 4 wheel transformer carts
- Customizable design, color & labeling

1066FS & 1066FS-3C

POWER DISTRIBUTION UNIT (PDU)

50-AMP, 208Y/120 & 125/250V

- cETLus listed for use in U.S. and Canada
- UL943-5th edition self-testing GFCI module with NEMA 4 test/reset buttons for damp/wet areas
- UL1640 – Open Neutral Protection
- 6-20A, GFCI and overload protected duplex receptacles (1066FS)
- 3-20A, GFCI and overload protected duplex receptacles (1066FS-3C)
- 30A, 240V GFCI welding receptacle as standard option
- 50A feed-through
- L14-30 (30A 120V/240V) locking receptacle for 30A overload protected, downstream receptacle capacity (on specified models only)
- Custom receptacle options available
- Powder coated paint ensure rugged jobsite performance
- Heavy duty legs in “sled” fashion for jobsite repositioning
- Renewable parts list included and affixed under top cover
- Customized color and labeling available



1066FS

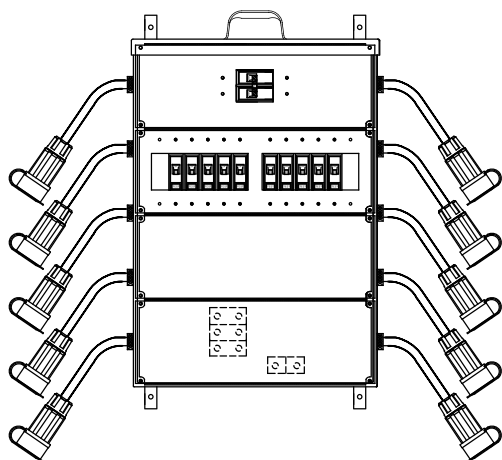


1066FS-3C
Compact Size

Catalog Number	50A inlet and feedthrough	Environmental Rating	20 A Outlets	30 A Outlet	30 A Outlet GFCI Circuit Breaker
Straight blade NEMA 5-20, 3 circuit, 3 duplex receptacles					
1066FS-3C	50A 240/120V CS Style	Outdoor rated, NEMA 3R, with Weather Resistant Covers	(3) NEMA 5-20 Duplexes, with (3) GFCI modules, (3) 20A C.B.	(1) NEMA L6-30, with (1) 2 pole 30A C.B.	-
Straight blade NEMA 5-20, 6 circuit, 6 duplex receptacles					
Outdoor Units					
1066FS	50A 240/120V CS Style	Outdoor rated, NEMA 3R, with Weather Resistant Covers	(6) NEMA 5-20 Duplexes, with (6) GFCI modules, (6) 20A C.B.	(1) NEMA L6-30, with (1) 2 pole 30A C.B.	-
1066-BFS	50A 240/120V CS Style	Outdoor rated, NEMA 3R, with Weather Resistant Covers	(6) NEMA 5-20 Duplexes, with (6) GFCI modules, (6) 20A C.B.	(1) NEMA L6-30, with (1) 2 pole 30A GFCI C.B.	YES

POWER DISTRIBUTION UNIT WALL MOUNT

Contact us to customize your Power Distribution Unit Wall Mount to your needs.



CDU50

COMPACT DISTRIBUTION UNITS (CDU)

50-AMP, 208Y/120 & 125/250V

- cETLus listed for use in U.S. and Canada
- Meets UL943-5th edition GFCI receptacles patented UL1640 open neutral protection
- Available with USB & USB-C charging receptacles combined with GFCI
- NEMA 1 Indoor & 3R in-use - outdoor version
- Simplified handling, one hand carry
- Reduced operational footprint
- Less maintenance vs traditional 50A PDU's
- Stackable design
- Product customization available

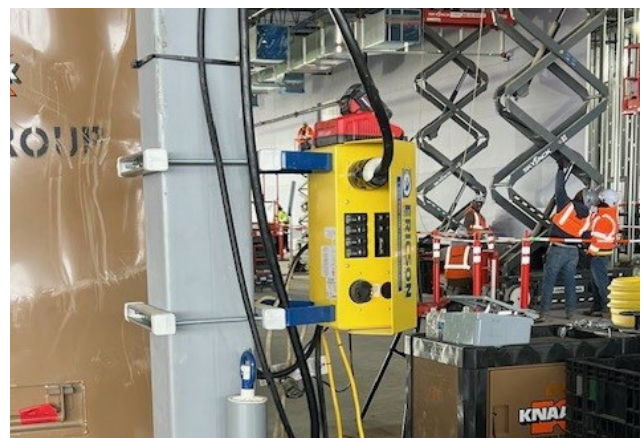


Part Number	Input Power	Environmental Rating	Input	Receptacles	Circuit Breakers	Open Neutral Protection	Daisy Chain Feed-thru
CDU30 30A Units							
CDU30-1-A*	30 Amp 240/120V	NEMA 1	L14-30 Plug w/6' cable	(2) NEMA 5-20 Duplex Rcpts, Protected by (2) NEMA 5-20 GFCI Duplex Rcpts	(2) 20A 1P	No	N/A
CDU30-3R-A	30 Amp 240/120V	NEMA 3R	L14-30 Plug w/6' cable	(2) NEMA 5-20 Duplex Rcpts, Protected by (2) NEMA 5-20 GFCI Duplex Rcpts	(2) 20A 1P	Yes	N/A
CDU50 50A Units							
CDU50-1-A*	50 Amp 240/120V	NEMA 1	CS6375	(6) NEMA 5-20 GFCI Duplex, (1) L6-30	(6) 20A 1P, (1) 30A 2P	No	CS6369
CDU50-3R-A	50 Amp 240/120V	NEMA 3R	CS6375	(6) NEMA 5-20 GFCI Duplex, (1) L6-30	(6) 20A 1P, (1) 30A 2P	Yes	CS6369
CDU50-3R-C	50 Amp 240/120V	NEMA 3R	CS6375	(4) NEMA 5-20 GFCI Duplex, (1) L6-30	(4) 20A 1P, (1) 30A 2P	Yes	CS6369
CDU50-3R-D	50 A mp 240/120V	NEMA 3R	CS6375	(4) NEMA L5-20 Single, (1) L6-30	(4) 20A 1P GFCI, (1) 30A 2P	Yes	CS6369
CDU50-3R-E	50 Amp 240/120V	NEMA 3R	CS6375	(6) NEMA 5-20 GFCI Duplex, (1) L6-30	(6) 20A 1P, (1) GFCI 30A 2P	Yes	CS6369

* Without legs. Indoor version does not require open neutral protection.



Convenient Stackable Design



Clearance Holes in Legs for Mounting to Brackets

RECEPTACLE ASSEMBLIES & CORDSETS

20-50 AMP STARTER RECEPTACLES & CORDSETS

- Starter receptacle assemblies designed for quick installation
- Industrial grade, factory assembled, 20-50 Amp, locking receptacles with weatherproof cover
- Factory assembled 20-50 Amp Cordsets



SR50



63ASO, 63BSO, 63DSO

Part Number	Amps	Voltage	Connector/Receptacle-NEMA Config
SR50	50	125/250	CS6369 Receptacle w/Metal Waterproof Box & 21" #6 Leads

Cord Type	Primary Plug-NEMA Config	Connector/Receptacle-NEMA Config	Product Number		
			Cord Length 25'	Cord Length 50'	Cord Length 100'
50-Amp Cordsets for CDU, PDU and NM3-Series 50A PDU's , fed from CS style receptacles					
SOW/SOOW	Calif. Style	CS6365-P & CS6364-C	63ASO	63BSO	63DSO



IEC PIN & SLEEVE CORDSETS

20-100 AMP

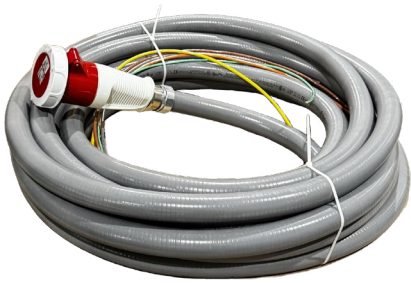
- Premium grade cord, jacket and construction
- Industrial grade, factory assembled, 20-100 Amp, IP67 & IP44, IEC Pin & Sleeve cordsets
- Designed for rugged indoor & outdoor environments



CAM TYPE CORDSETS

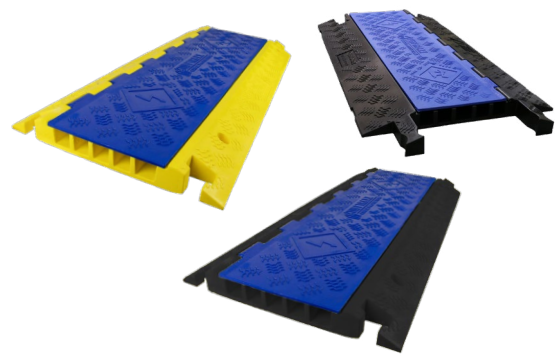
190-400 AMP

- Premium grade cord, jacket and construction
- Industrial grade, factory assembled, 190-400 Amp, CAM Type cordsets
- Designed for rugged indoor & outdoor environments



PDU DATA CENTER WHIP

- IEC 309-2, 30 & 60-AMP Pin & Sleeve Assembly
- Assembly includes metallic or nonmetallic sealtight individual conductors and fittings
- Custom design configurations available



Cable & Hose Protection

- Meets OSHA & NEC Requirements
- Industry leading load ratings up to 50,000 lbs. per axle
- Industrial and Extreme duty options
- Constructed from lightweight polyurethane
- Custom base and cover colors available



BULK CORD & CORDSET COLLAPSIBLE CONTAINERS

- 45" x 48" x 34 Solid Floor, fork lift capable
- Drop door side entry for easy access
- Floor collapsible for easy storage
- Top available for cord protection
- Dolly available for easy on-site relocation

DOWNLOAD OUR FULL CORDSET GUIDE





INDUSTRIAL GRADE, 15-30 AMP, 125-600V CORDSETS

- Premium grade cord, jacket and construction
- Straight blade & locking plugs and connectors
- Designed for rugged indoor environments



NEMA Configuration	Amps	Volts	Product Number		
			Cord Length 25'	Cord Length 50'	Cord Length 100'
Indoor 15-Amp Perma-Link with 25-100' 14/3 SOW Yellow Cord					
5-15	15	125	1510P143A	1510P143B	1510P143D
L5-15	15	125	1520P143A	1520P143B	1520P143D
L6-15	15	240	1522P143A	1522P143B	1522P143D
L7-15	15	277	1524P143A	1524P143B	1524P143D
Indoor 15-Amp Perma-Link with 25-100' 12/3 SOW Yellow Cord					
5-15	15	125	1510P123A	1510P123B	1510P123D
L5-15	15	125	1520P123A	1520P123B	1520P123D
L6-15	15	240	1522P123A	1522P123B	1522P123D
L7-15	15	277	1524P123A	1524P123B	1524P123D

CUSTOM CORDSET DESIGN FORM

Use the table and spaces below to customize your own Industrial Grade Cordset by typing or writing into the fields. Once complete, please forward to your Ericson Channel & Applications Team at sales@ericson.com.

Amp	Poles/Wires	Volts	Cable AWG/# of Conductors	Cable Jacket	Primary Options	Additional Features	Secondary Options
15 20 30	2P/3W 3P/3W 3P/4W 4P/4W 4P/5W	125 120/208 125/250 250 277 277/480 600	16/3 14/3 14/4 14/5 12/3 12/4 12/5 10/3 10/4	SJ SJOW SOW SOOW SEOW Antimicrobial SEOW Cord Color (specify) Other (specify)	Blunt Remove Cable Jacket (Length) Conductor Length(s) Crimp Terminals (specify) Molded 15A Plug (Black) Molded Watertite 15A Plug (Black) Perma-Link Straight or Locking Perma-Grip Straight or Locking Perma-Tite Watertight Straight or Locking PermaTite- Gray Straight or Locking PermaKleen Straight or Locking SmartMonitor	Wire Mesh I-Grip Bus Drop Mesh Cable Labeling Cable Printing	Blunt Remove Cable Jacket (Length) Conductor Length(s) Crimp Terminals (specify) Molded 15A Connector (Black) Molded Watertite 15A Connector (Black) Perma-Link Straight or Locking Perma-Grip Straight or Locking Perma-Tite Watertight Straight or Locking PermaTite- Gray Straight or Locking PermaKleen Straight or Locking SmartMonitor

1004-LED HIGH BAY - 150 WATT

Commercial Grade High-Bay Lighting

- cETLus listed to UL1589 and CSA C22.2 #250.0
- 150-Watt, 100-277 VAC, 50/60 Hz
- 5000K Color temperature
- Wet location rated, IP65
- Energy efficient LED technology
- Switch-selectable wattage: 150W / 120W / 100W, delivering up to 27,000, 21,600, or 18,000 lumens at 180 lm/W.



Part Number	Input Wattage	Input Voltage	Lumens	Efficiency	CRI	Color Temperature	Beam Angle	Input Power Cord
1004-LED-150-120	150	120 VAC 50/60 Hz	27000	180 lumens/watt	>72	5000K	120°	3 FT with NEMA 5-15 attached
1004-LED-150-277	150	277 VAC 50/60 Hz	27000	180 lumens/watt	>72	5000K	120°	3 FT with NEMA 7-15 attached

1006-LED BAYLIGHT 100 & 150 WATT

Commercial Grade Bay Lighting

- cULus Listed to UL153, CSA C22.2 No. 250.4
- Environmental Rating - IP64 & damp location
- Driver range 100-277VAC
- Operating temperature -400 C to 600 C
- Stainless steel guard for impact protection
- 12,000 Lumens (100W), 18,000 Lumens (150W)
- Lumen output switch offers On 100%, 50%, and Off
- Color temperature 5000K
- 15 ft., 16/3 SJTW primary, with 1 ft. secondary, NEMA 5-15
- Meets OSHA requirements CFR 1926.405(j)(1) for construction
- Recommended placement to achieve OSHA min 5fc: 40'x40' grid for 100W, 50'x50' for 150W



Part Number	Input Voltage	Input Wattage	Primary*	Secondary	Lumens	CCT	Efficiency	Max No. of Units	CRI	Listing
1006-LED-100-16315-120	120 VAC*	100W	15 ft. molded 5-15 Plug	1 ft. molded 5-15 Conn	12,000	5,000K	120 LPW	7	>80	cULus
1006-LED-150 16315-120	120 VAC*	150W	15 ft. molded 5-15 Plug	1 ft. molded 5-15 Conn	18,000	5,000K	120 LPW	5	>80	cULus
1006-LED-100-16315-277 ¹	277 VAC*	100W	15 ft. L7-15 Plug	1 ft. L7-15 Conn	12,000	5,000K	120 LPW	25	>80	-
1006-LED-150-16315-277 ¹	277 VAC*	150W	15 ft. L7-15 Plug	1 ft. L7-15 Conn	18,000	5,000K	120 LPW	20	>80	-

* Contact factory for custom primary and secondary lengths and plug/connector configurations.

QUICK CONNECT LIGHTING SYSTEM



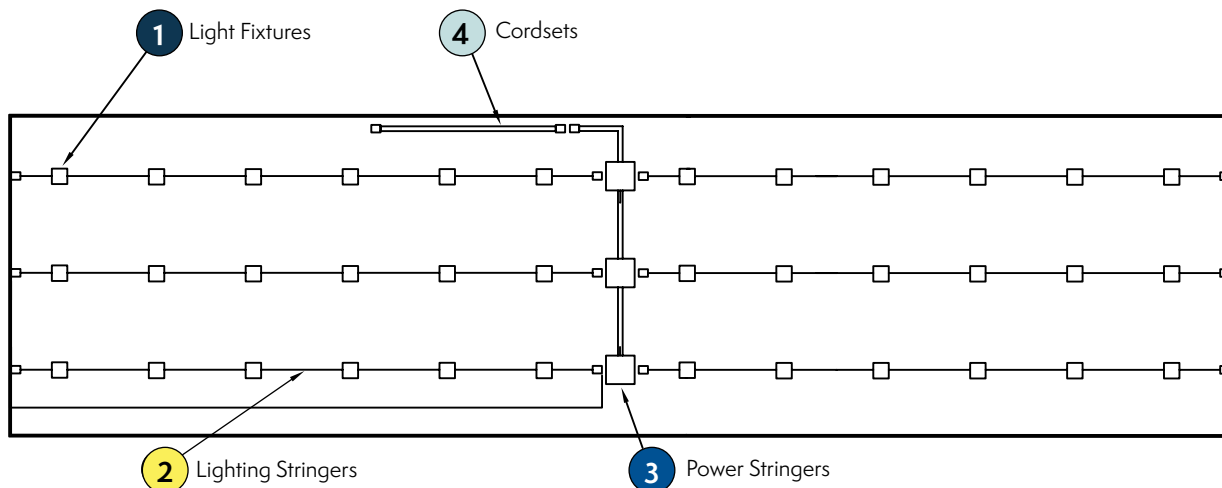
Save time and money with fast installation and all the materials you need to create an integrated temporary lighting system.

Critical to any safe jobsite is the right amount of power and lighting in the right locations, for a safe and productive worksite. We offer a Quick Connect Lighting System that meets the OSHA required lumen output levels for various areas found on jobsites to ensure productive installation and safe egress light levels.

Based on your specific application and space requirements, our product applications team will design a lighting and power system to meet code requirements for the tasks performed. The design process may include installation and power recommendations to reduce costs by maximizing circuit capacity and stringer lengths.

Reach out to your Ericson representative or contact us at www.ericson.com.

LIGHTING LAYOUT EXAMPLE



1004/1006 Series	Lighting Stringers	Power Stringer	Cordsets
			
1	2	3	4

POWER & LIGHTING STRINGERS

120V Lighting Stringer



PRODUCT FEATURES:

- Saves time and money on installation, eliminating extension cords
- Connects to individual boxes on power stringer
- Single phase, 120V, NEMA 5-15 receptacles connects to standard lights
- Receptacle spacing customizable to project needs

120V-277 Power Stringer



PRODUCT FEATURES:

- 3 outlet box stringer
- Splits incoming three phase power to individual phases in each box
- Reduces cabling complexity
- Includes hanging hook and cable lanyard for attachment to ceiling beams
- No permanent connection boxes or conduit needed

208V, 277V Lighting Stringer



PRODUCT FEATURES:

- Saves time and money on installation, eliminating extension cords
- Connects to individual boxes on power stringer
- Single phase, 208 or 277V receptacles connects to
- Receptacle spacing customizable to project needs

LIGHTING KITS

Part # Quick Connect Lighting System	SqFt Coverage	Fixture Type	Foot Candles (FC)	Fixture Wattage (W)	Fixture Voltage (V)	Option: Add "-L515" for 15a Twist-Lock	Input Cable Qty	Power Stringer Qty	Light Stringer Qty	Fixture Qty	Storage Container + Lid Qty
Fixture Style - Corn Cob - 1006 Series											
QCLS-38K-LB-5FC-1006-100W-120V	38,000 (320 x 120)	Low-Bay	5	100	120	L515 Option	1	1	6	24	1
QCLS-58K-LB-5FC-1006-100W-120V	58,000 (480 x 120)	Low-Bay	5	100	120	L515 Option	1	1	6	36	1
QCLS-38K-LB-7FC-1006-150W-120V	38,000 (320 x 120)	Low-Bay	7	150	120	L515 Option	1	1	6	24	1
Fixture Style - UFO - 1004 Series											
QCLS-38K-LB-15FC-1004-150W-120V	38,000 (320 x 120)	Low-Bay	15	150	120	L515 Option	1	1	6	24	1
QCLS-38K-HB-13FC-1004-150W-277V	38,000 (320 x 120)	High-Bay	13	150	277	-	1	1	6	24	1
QCLS-58K-HB-13FC-1004-150W-277V	58,000 (480 x 120)	High-Bay	13	150	277	-	1	1	6	36	1

CABLE REEL PLENUM BOX

Plenum-Rated Cable Reel Enclosure

- UL listed to plenum standards, UL 2416, UL 2043 , CSA C22.2 No.60950-1
- Conceals the cable reel in drop ceiling applications where plenum ratings must be maintained
- For use with Ericson Flex Rig Series and 4000 Series reels (sold separately)
- Mounting brackets for Ericson F3000 Flex Rig and 4000 cable reels included
- Double gang electrical box included for quick connection
- Compatible with industry standard drop ceiling trim
- Total ceiling load weight is 75lbs
- Weight of box is 24.29 lbs
- Threaded rod bolts easily support the box (user supplied)



Part Number	Material	Environmental Rating	Color	Dimensions	Mounting Hole Pattern	Weight (Enclosure Only)
EPLENUMBOX*	Steel	Indoor	White	22" L x 10.6" W x 14.9" H	24" L x 4" W, 4 holes	24.29 lbs

Note* Cable Reel sold separately.

F3100 - FLEX RIG SERIES

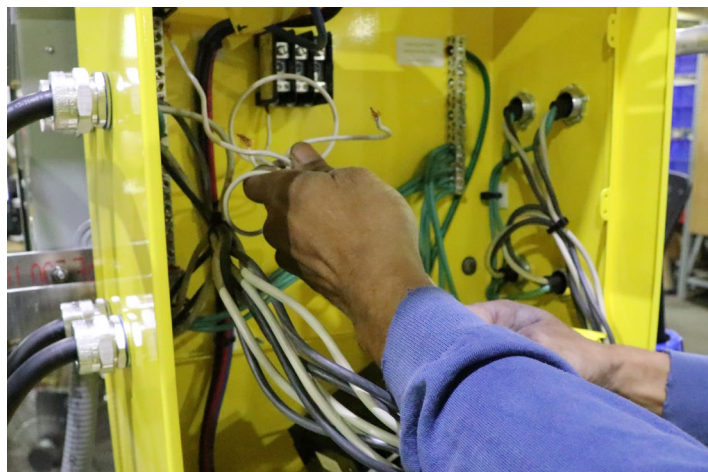
Light Industrial Grade Reels

- cULus Listed for indoor use
- Reinforced Steel & Plastic Construction
- Separate mounting base for easy installation (Flex Rig)
- 4-Roller Guide for positional pull, with adjustable ball-stop (Flex Rig)



Part Number	Volts	Amps	Primary Cable	Secondary Cable Type	Secondary
25 ft. – 15 Amp with 12/3 SJOW Cable					
F3123-25-F15	125	15	6' Molded 5-15 Plug, SJOW	SJOW	Blunt Cable End
F3123-25-B15	125	15	6' Molded 5-15 Plug, SJOW	SJOW	Non-Metallic Outlet Box (6000) w/ (2) 5-15R Dplx. Rcpts.
F3123-25-B15G	125	15	6' Molded 5-15 Plug, SJOW	SJOW	Inline Manual Reset GFCI w/ Outlet Box (6000) w/ (2) 5-15 Duplexes
F3123-25-TT15	125	15	6' Molded 5-15 Plug, SJOW	SJOW	Tri-Tap - (3) 5-15R
25 ft. – 20 Amp with 12/3 SJOW Cable					
F3123-25-F20	125	20	6' Molded 5-20 Plug, SJOW	SJOW	Blunt Cable End
F3123-25-B20	125	20	6' Molded 5-20 Plug, SJOW	SJOW	Outlet Box (6000) w/ 2 5-20R Duplex Receptacles
F3123-25-B20G	125	20	6' Molded 5-20 Plug, SJOW	SJOW	Inline Manual Reset GFCI w/ Outlet Box (6000) w/ (2) 5-20 Duplexes
50 ft. – 20 Amp with 12/3 SJOW Cable					
F3123-50-F20	125	20	6' Molded 5-20 Plug, SJOW	SJOW	Blunt Cable End
F3123-50-B20	125	20	6' Molded 5-20 Plug, SJOW	SJOW	Non-Metallic Outlet Box (6000) w/ (2) 5-20R Duplex Receptacles
F3123-50-B20G	125	20	6' Molded 5-20 Plug, SJOW	SJOW	Inline Manual Reset GFCI w/ Outlet Box (6000) w/ (2) 5-20 Duplexes

OUR CAPABILITIES



Electrical Assembly

Electrical assembly integrates components into fully functional systems ready for deployment. Rigorous testing and quality control ensure reliability, safety, and consistent performance in the field.



Metal Fabrication

Advanced metal fabrication capabilities include laser tube and sheet cutting, CNC bending, and precision welding. Robotic welding and integrated processes ensure accuracy, repeatability, and efficient production at scale.



3D Printing

3D printing enables rapid prototyping and low-volume production with speed and flexibility. This capability supports design validation, complex geometries, and faster iteration from concept to production.



Powder Coating

Powder coating provides a durable, uniform finish designed to withstand demanding environments. The process enhances corrosion resistance, appearance, and long-term performance of finished components.

Injection Molding

Injection molding supports high-volume production of durable, consistent components across a range of applications. Controlled processes and tooling expertise ensure tight tolerances, repeatability, and reliable performance.



CUSTOM ENGINEERED SOLUTIONS

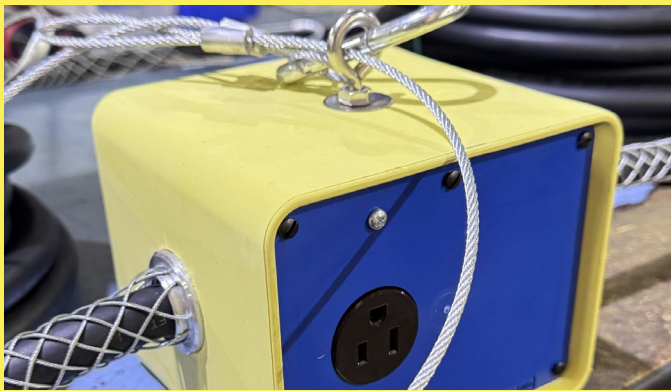
You've seen our standard products—built to solve real problems, day after day.

But not every application fits neatly into a catalog. When your requirements push past what's available—unique loads, harsh environments, unconventional layouts—Ericson steps beyond standard and engineers exactly what's missing. That's the purpose of Engineered Solutions: engineered electrical systems built around what your project demands.



SYSTEM-DRIVEN ENGINEERING

System-driven engineering: Power transformation and distribution—Portable Transformation Units, Power Distribution Units, and Custom Distribution Units—integrated with factory-built cordsets, cable protection, and temporary lighting to function as a single, coordinated system.



QUICK CONNECT LIGHTING SYSTEM

Engineered to deliver OSHA-compliant light levels exactly where they're needed, combining fast installation, voltage drop analysis, and application-specific design from our product applications team to create a safe, productive jobsite while maximizing cost efficiency.

APPLICATIONS TEAM EXPERTISE

Front-end layout and planning support that brings clarity to complex jobsites—reducing uncertainty, rework, and field improvisation.

Reach out to your Ericson representative or contact us at www.ericson.com.





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