

Ericson mfg

Jobsite Lighting

Commercial Construction Lighting

Industrial Lighting & Handlamps

Harsh & Hazardous Lighting

Broadest Selection of Jobsite Lighting in the Industry



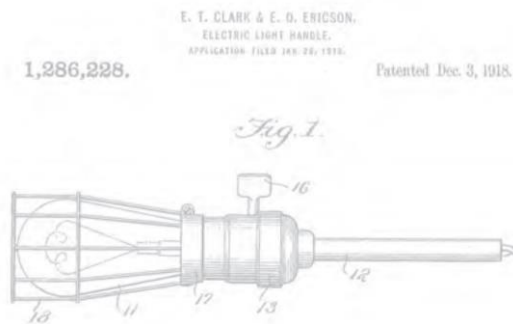
History & The Ericson Difference

1916

- Founded in 1918
- 4th Generation Family Owned & Operated
- Manufacturing in Willoughby, OH
- From our start Ericson's focus has been worksite safety
- Innovative Patents & Technology Introductions Through the Years



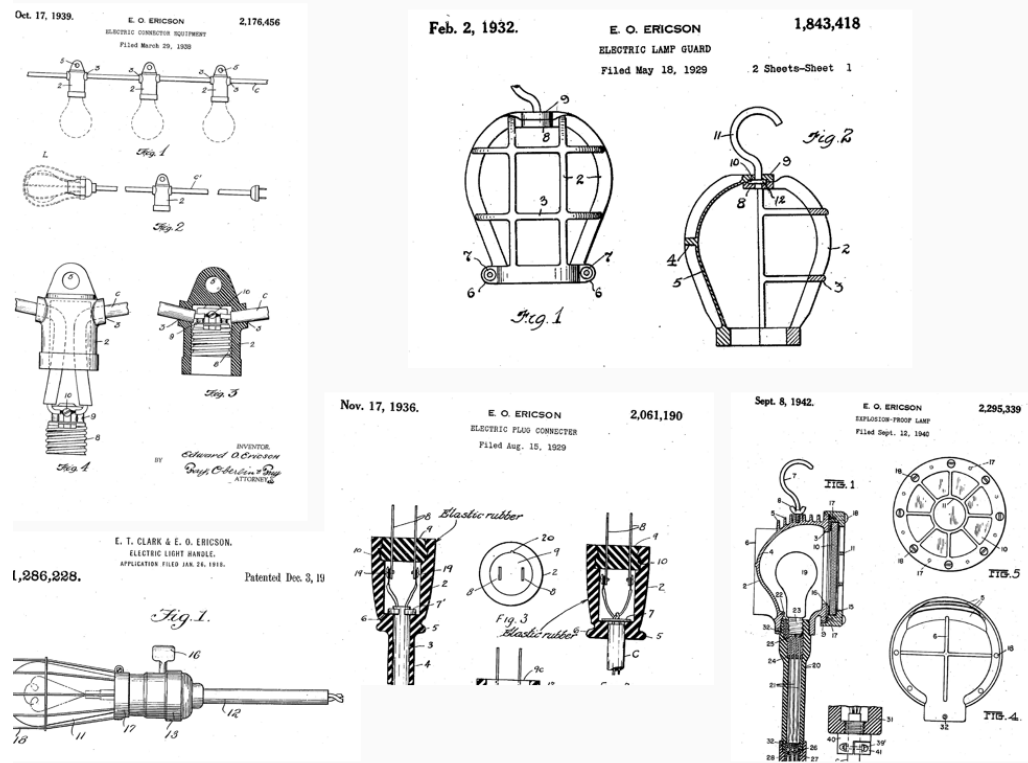
First Logo



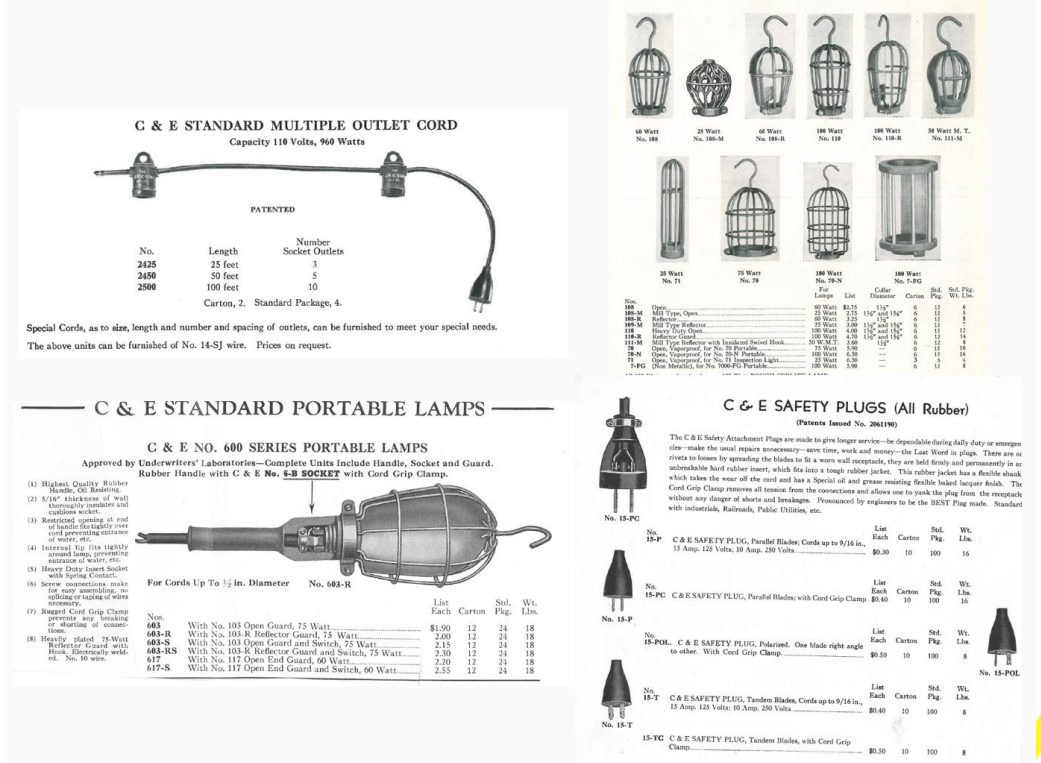
The Rubber industry brings Edward Oscar Ericson (founder of Ericson Manufacturing) to Akron, Ohio where his awareness of worksite safety hazards brought forth inspiration to develop products for a safer workplace.

...from innovative patents to worksite safety...

1918 – 1930 Patents



1930 Catalog



Over 100 Years of Patented Safety Firsts:

- Industry's 1st insulated guard
- Industry's 1st rubber hand lamp
- Industry's 1st portable GFCI devices
- Industry's 1st dead-front, back-wired plug
- Industry's 1st 4-way insulated electrical box
- Industry's 1st voltage monitor for GFCI devices
- Industry's 1st explosion and vapor proof hand lamp
- Industry's 1st ground and continuity monitor devices
- Industry's 1st anti-microbial safety electrical products
- Industry's 1st low voltage LED XP string light
- Award winning e-Card PTU
- 1st Manufacturer to offer UVC Carts to the Electrical Channel

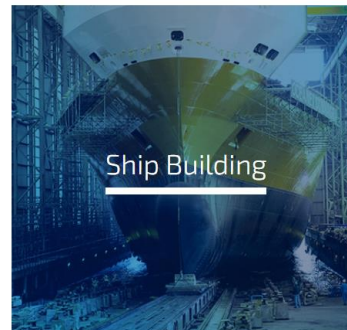
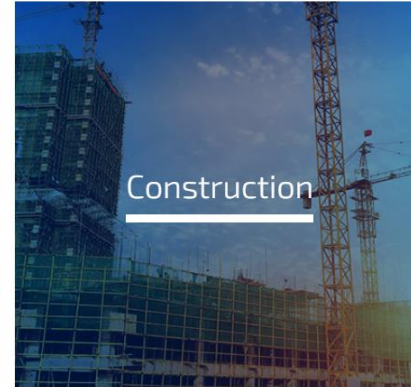
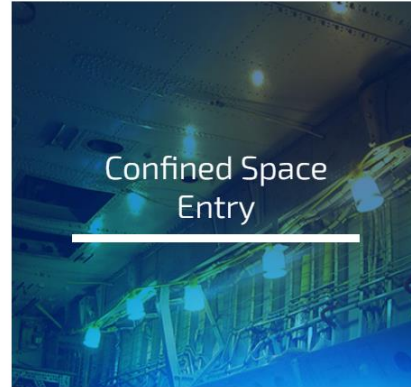


2023: Where we are Today

- Factory in Willoughby, Ohio (*20min East of Cleveland*)
- Continue to manufacture durable & high-quality products for the harshest environments
- Products are tested to the highest standards to comply with:
 - NRTL: UL, ETL, CSA
 - OSHA, NEC, NSF & More
 - ISO 9001:2015
- **Over 97% Made in USA & Canada!**



Industries Served



It All Works Together:

- Provider of All Things Portable Power & Lighting

IT ALL WORKS TOGETHER

For over 100 years, Ericson has engineered and manufactured the safest portable power distribution and temporary lighting products on the market. Designed for superior durability and convenience, our engineered solutions offer customers the best tailor-made products to fit their specific needs.

NO ONE DOES IT BETTER.

We pride ourselves on providing distributor partners, industrial end users, and OEM customers all over the world with durable, industrial-grade products that protect the workforce from work site hazards, increase productivity, and have a lower cost of ownership than other options on the market.

Our unique array of products allows Ericson to offer our customers a comprehensive line of portable power and lighting solutions all in one place. Ericson is a customer-driven organization focused on high quality products, continuous improvement, and exceeding our customer's expectations. From initial application consultation, to design and manufacturing, to product performance in the field, we aim to consistently impress.

Thank you for considering Ericson products for your company.



① PTU

The Power Transformation Unit converts voltages of 480V or 600V plant power, such as from a welder socket, to lower voltages suitable for use by workers with portable tools and lights.

② PDU

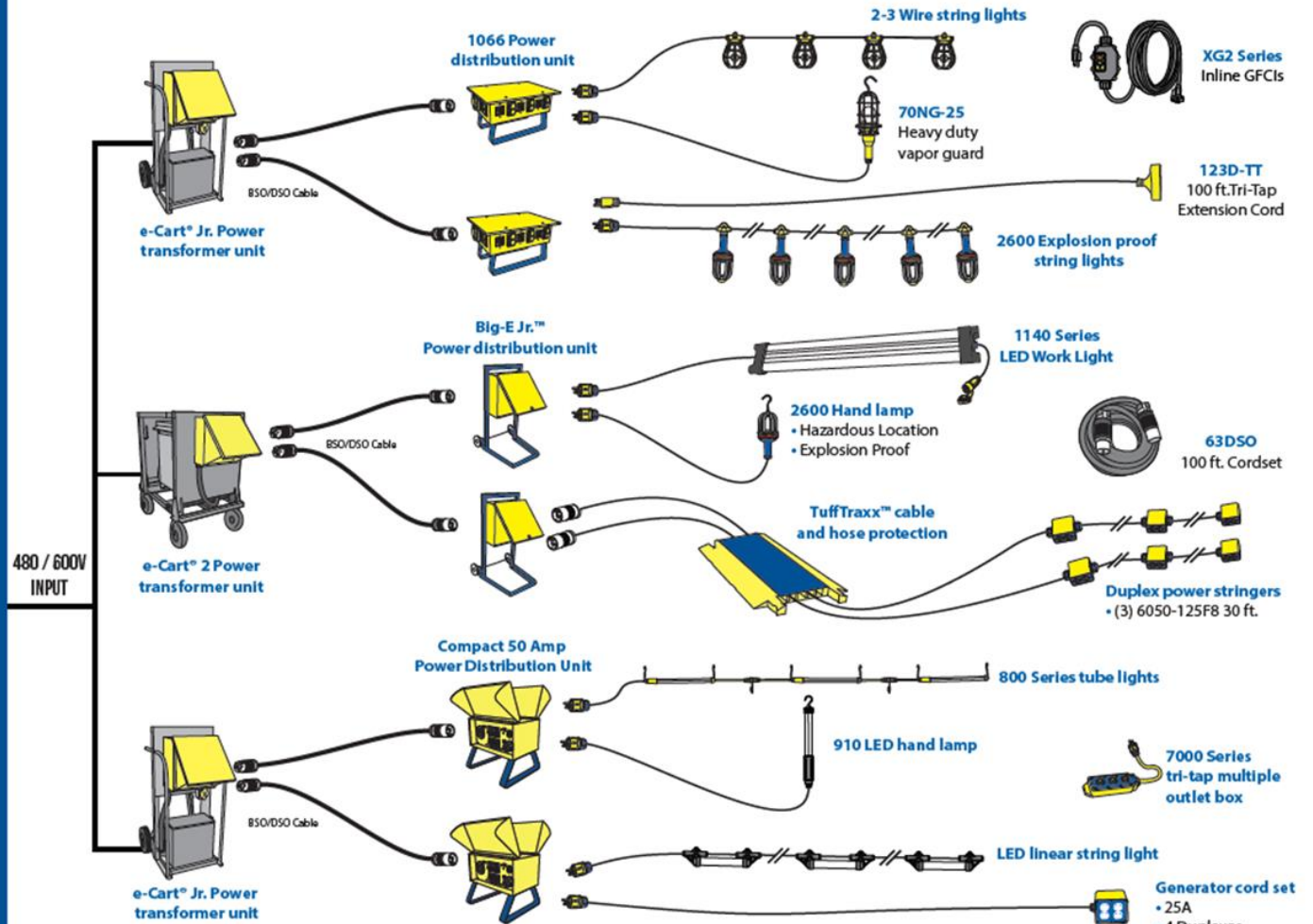
The Power Distribution Unit provides circuit breaker protection and distribution receptacles to distribute the 120, 240, or 208V power to tools and lights.

③ LIGHTING

Wide area lamps and task lamps provide bright, glare-free illumination for all your lighting needs.

④ CORD SETS

Cord sets bring reliable power right to where you need it to get the job done.



*PRODUCT NOT PORTRAYED TO SCALE

L1000679C

Ericson mfg

Commercial Grade - Temporary Lighting

Safely Illuminating Commercial Construction
Sites for Nearly 100 years



UNITED STATES PATENT

Granted on October 17, 1939

Edward O. Ericson
INVENTOR

2,176,456

ELECTRIC CIGARETTE EQUIPMENT

- BUILT-IN HANGER FOR EASY
INSTALLATION WITH MESSENGER
CABLE OR HOOKS**

**EASY RELAMPING WITH
NON-CONDUCTIVE,
SNAP-OPEN CAGE GUARD**

FULL THREADED SCREWSHELL
TO ENSURE PROPER CONTACT

WET LOCATION RATED cUL US

ds

± 12 IN.
100.0 FT OAL
± 2 IN. 11 PLCS.

LUMENS: 80-130
HOLDERS: 80-130

Need More Light & Options?

- 1005 Series
 - Designed to offer higher wattage light options
 - Take advantage of various LED Lamp Options
 - High Output LED (400w MH Equivalent)
 - Replaceable Puck Light Options
 - Various Base Options, Mogul, Med, Intermediate
 - Commercial Decorative Options
 - Configurable with Power Drops
 - Multi-Circuit Options
 - Custom Power/Lighting Options
 - IES Files Available

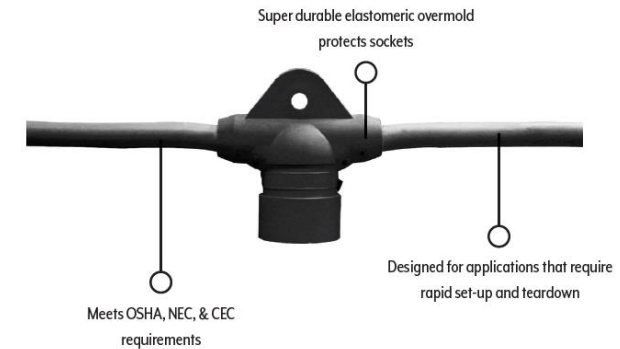
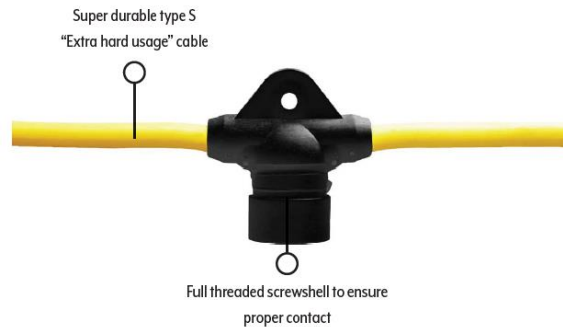


USE WITH LED, CFL OR INCANDESCENT BULBS



Industrial String Light: HD Series

- cULus & CSA Certified
- Used by the Navy since before WWII
- Heavy Duty Screw Shell Style Stringer
- Standard 50FT & 100FT Lengths
 - Custom Lengths & Drop Spacing Available
- Customized multi-circuits, spacing
- Power Drops Available
- Metal Wire Guards to NEMA 3R Rain Guards
- 14/3 & 12/3 AWG SEOW Cable
 - Specialty/Premium Cable Available: Super Vu-Tron, Super-Trex, LSZH



211-P vinyl dipped guard



211 wire guard



215 rain guard (60W max)

String lights come standard with watertight NEMA plug and connector

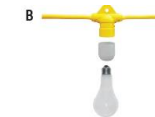


Perma-Tite® 2 watertight plug and connector



Related Products:

Part Number	Description	Label
SLBLE-60	11W 1150 lumen LED damp location light bulb	A
SS-HD	Rubber socket sleeve, weathertight seal	B
RFID	RFID tagging service	C
SLHK-1	String light hang kit	D



Highbay “Corncob”

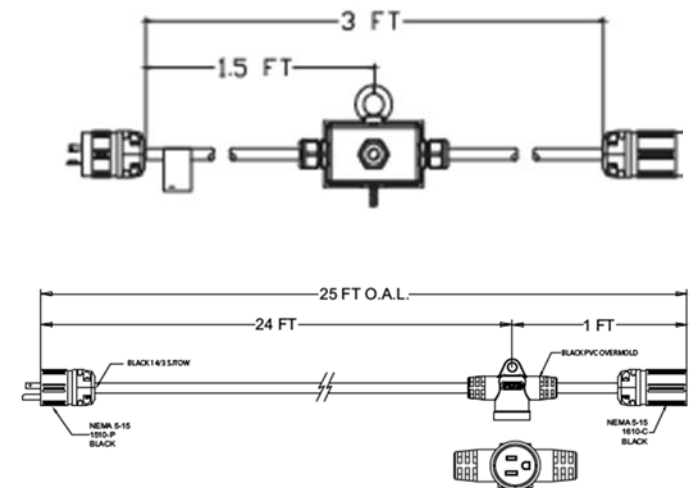
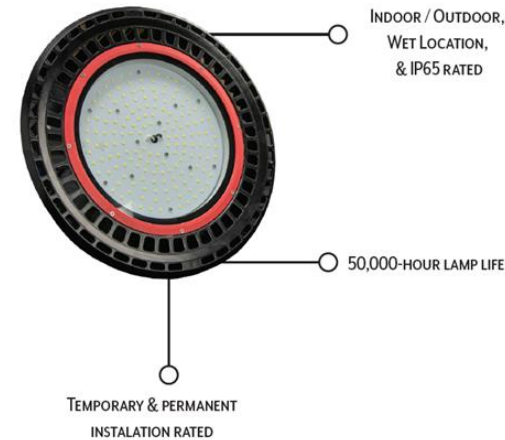
- Differentiated Options

- 120/277V
- 100W, 12,000 Lumen, 5000K
- 150W, 18,000 Lumen, 5000K
- IES Files for Layout and Spacing
- 15' Primary Connection
 - No need for additional cords to interconnect
- Secondary Cordset
 - Easier to interconnect
 - No separate receptacle on unknit
 - 277V capable
- Stand Available – 1006-ST



1004 Highbay – UFO Style

- Designed for Highbay 20'-35' Mounting
- 120/277v, Dimmable Driver
- 150w, 19000 Lu, 5000K
- IP65 (damp/splash rating)
- Configured with Hook - Standard
- Custom Stringer Spacing, 120 - 277V
- IES Layout Available
- Market Exclusive Configurations



PS14325-1

Temporary/Installed Lighting Layouts

- Market Exclusive – IES Layouts
- Predictable Results
- Available For Several Different Products
- Layout with Stringer Spacing for Custom Installations with measured lumens
- Multiple Wattages/Fixtures Types –
 - Mix Highbay UFO & Highbay Corncob to light various ceiling heights
- Accurate BOM



Temporary Lighting Layout Calculation
www.ericson.com 1-800-ERICSON

Room Estimator - Layout 1 - Industrial Plant Construction

Luminaire

IES Filename: 1006-LED-100
Description:

Lumens Per Lamp:	N.A.	lms
Number of Lamps:	1	
Luminaire Lumens:	11641	lms
Luminaire Efficiency:	N.A.	%
Luminaire Watts:	93	W

Total Light Loss Factor (LLF): 1.000

Room Dimensions

Length (X):	400	ft
Width (Y):	200	ft
Height (Z):	20	ft
Workplane Height:	2.5	ft
Suspension Length:	1.5	ft

Room Cavity Ratio (RCR): 0.600

Room Reflectance

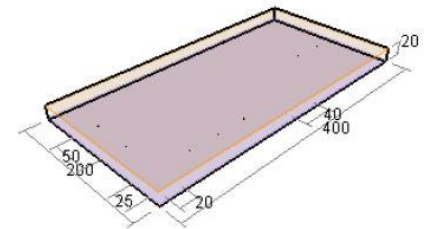
Ceiling:	0.80
Walls:	0.50
Floor:	0.20

Effective Ceiling Cavity: 0.791
Effective Floor Cavity: 0.199

Coefficient of Utilization (CU): 0.939

Results

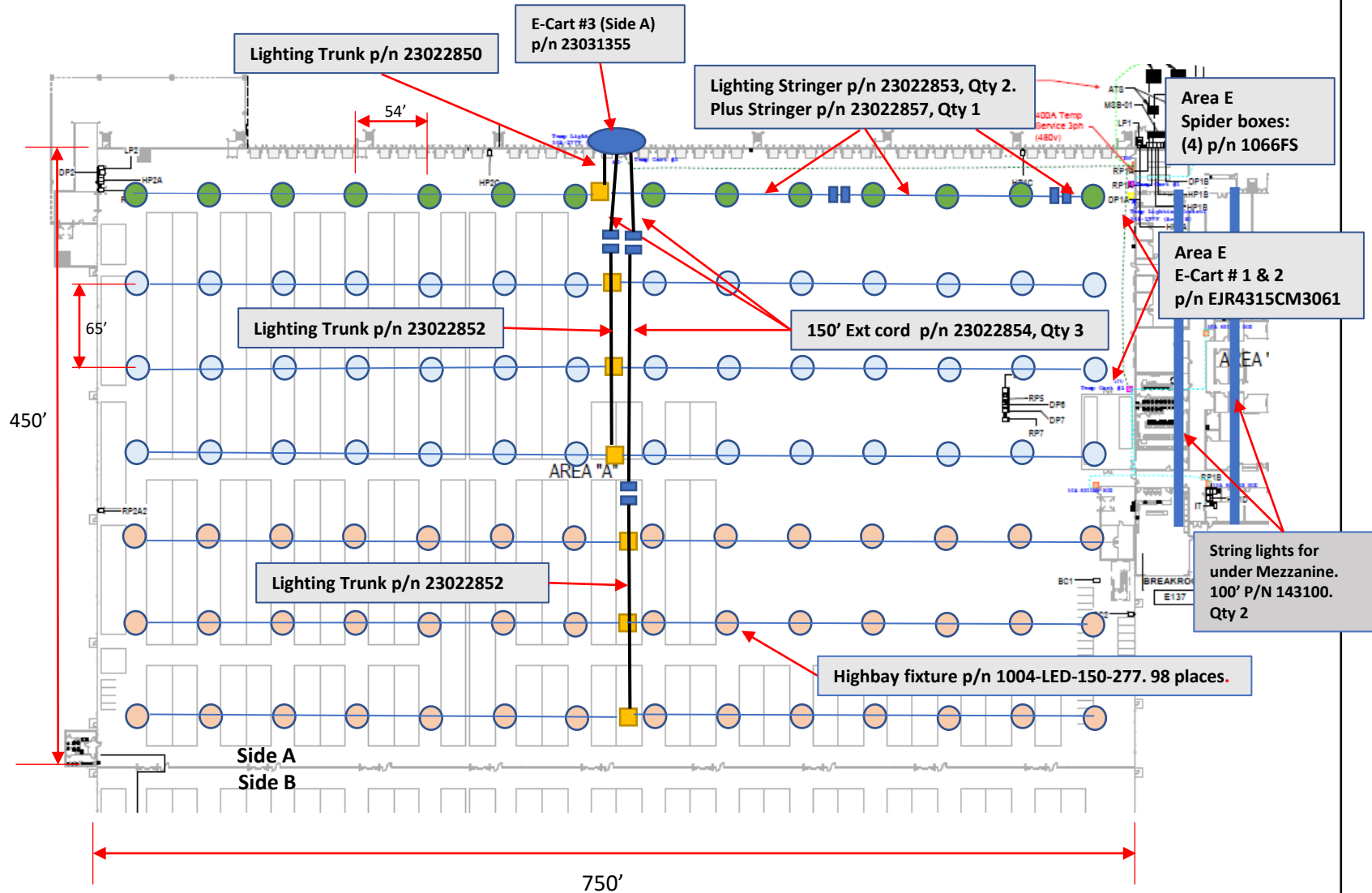
Estimated Average Illuminance:	5	fc
Number of Luminaires:	40	
Lighting Power Density (LPD):	0.046	W/ft^2



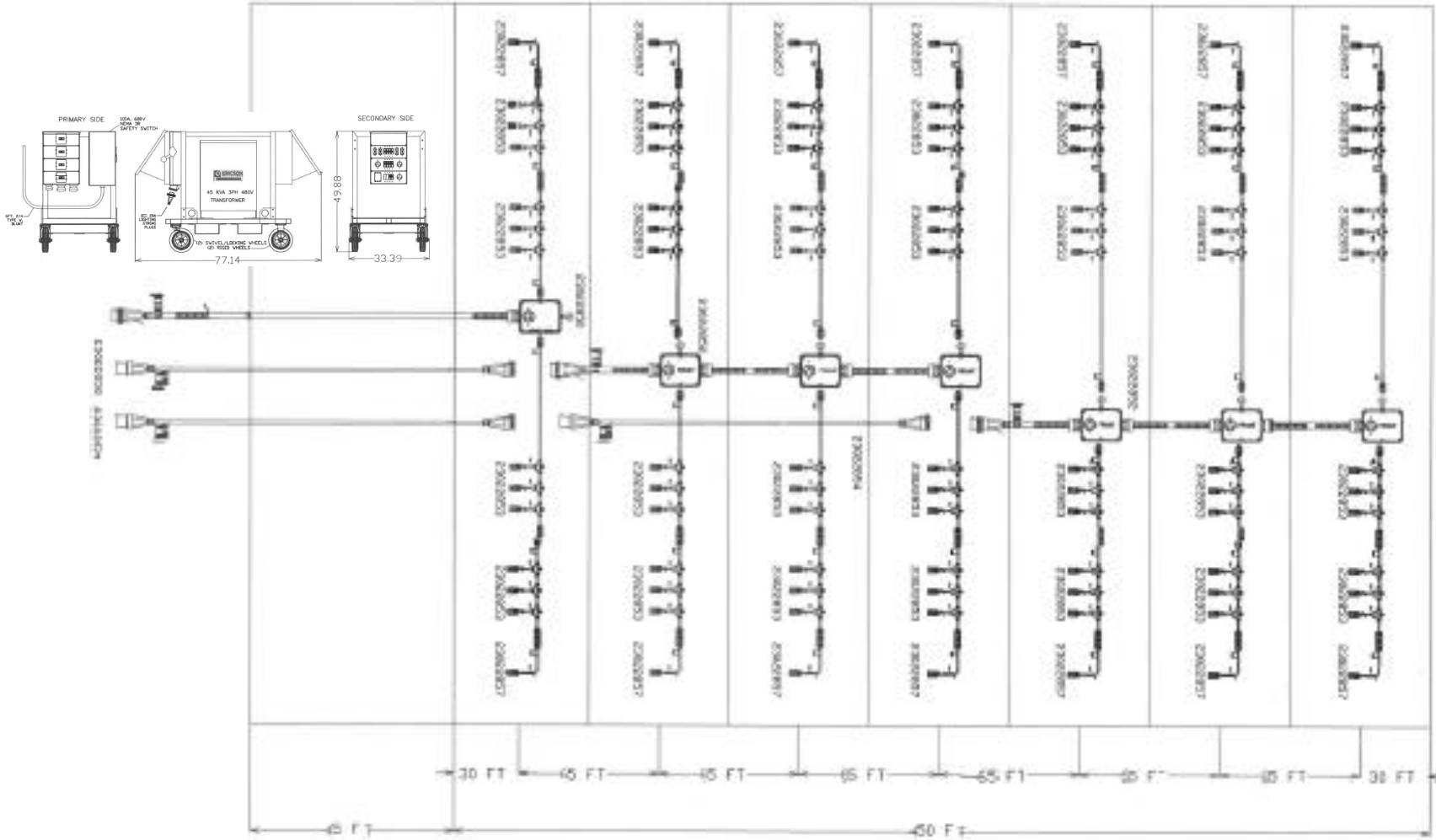
Lighting Calculations Warehouse, Side A & B

4.3	5.2	5.3	5.2	5.0	4.8	4.7	4.8	5.0	5.2	5.3	5.2	4.8
4.8	6.0	6.1	6.0	5.9	5.7	5.6	5.7	5.9	6.0	6.1	6.0	4.8
4.7	5.9	6.0	6.0	5.8	5.7	5.6	5.7	5.8	6.0	6.0	5.9	4.7
4.6	5.7	5.9	5.9	5.7	5.6	5.6	5.6	5.7	5.8	5.9	5.7	4.6
4.6	5.7	5.9	5.8	5.7	5.6	5.6	5.6	5.7	5.8	5.9	5.7	4.6
4.7	5.8	6.0	5.9	5.8	5.7	5.6	5.7	5.8	5.9	6.0	5.8	4.7
4.8	6.0	6.1	6.0	5.8	5.7	5.6	5.7	5.8	6.0	6.1	5.9	4.8
4.2	5.2	5.3	5.2	5.0	4.8	4.7	4.8	5.0	5.2	5.3	5.2	4.2

Warehouse, Side A

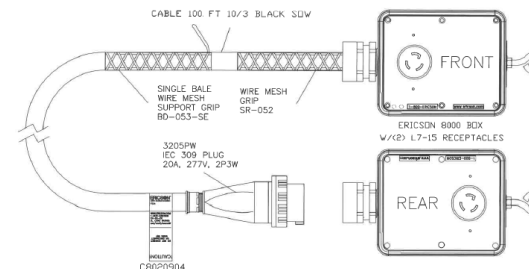


277V 15A Lighting Trunk and Stringer Illustration

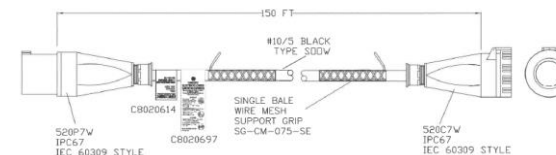


277V Lighting Distribution Trunks, Warehouse Area A & B

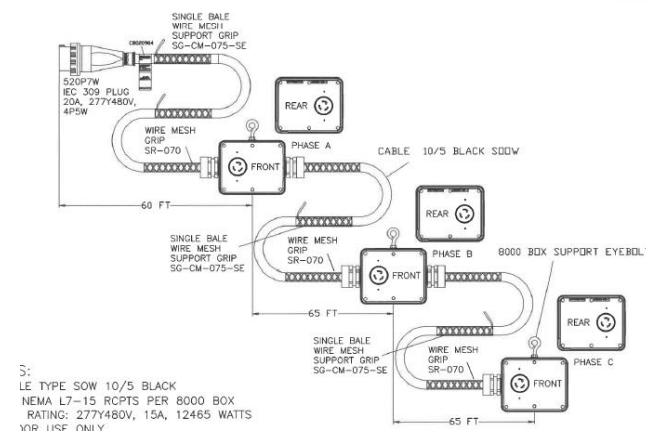
- 100' Lighting Trunk, Row 1
- P/N 23022850 (qty 2)



- 150' Ext cord for Lighting Trunk, Row 2-4, 5-7
- P/N 23022854 (qty 2)

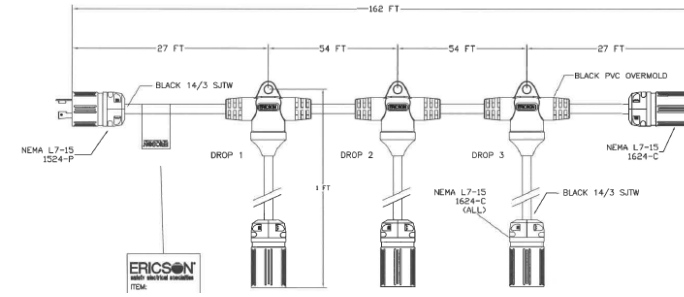


- Lighting Trunk, Row 2-4, 5-7
- P/N 23022850 (qty 2)

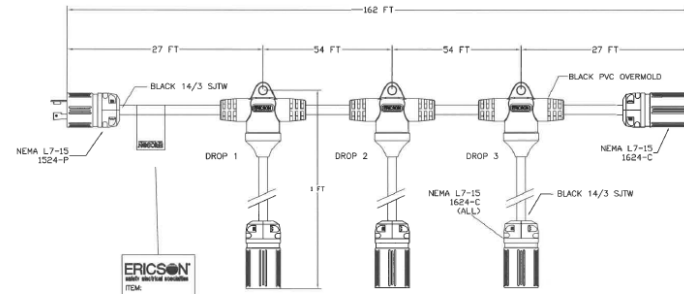


To create a stringer for 7 fixtures – connect these three items (repeat 14 times):

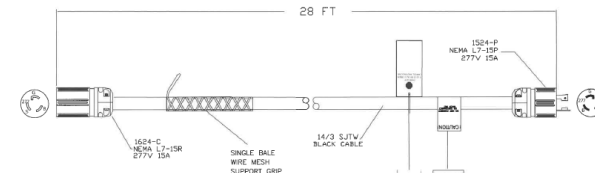
- 15A 277V Lighting Stringer, row 1-7
- 3 lighting drops per stringer
- P/N 23022853 (qty 56 total)



- 15A 277V Lighting Stringer, row 1-7
- 3 lighting drops per stringer
- P/N 23022853

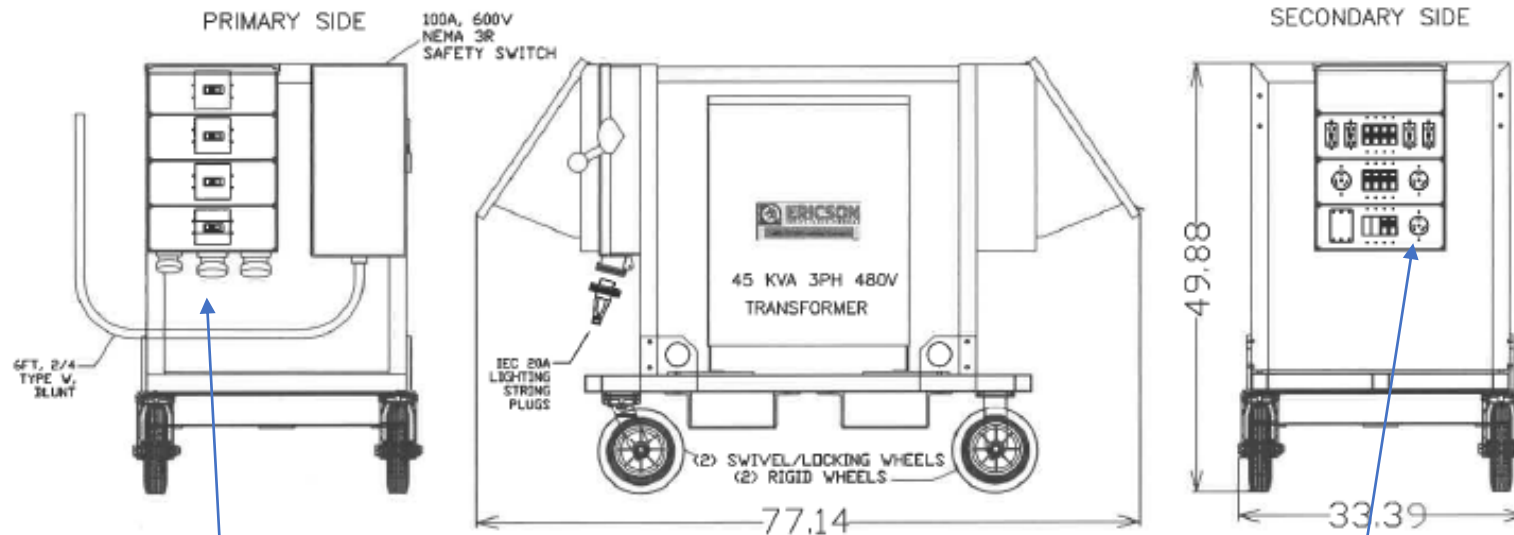


- Lighting Stringer, row 1-7
- P/N 23022857 (qty 28 total)
- This for the last (7th) fixture in a row



45kVA for Warehouse A & B

- 45kVA, 480/277V-120/208.
- Cart #3 & Cart #6
- 277V Lighting panel on primary
- P/N 23031355 (qty 2)



- 15A 277V Receptacles

50A Spider Box Feeders

End-to-End differentiation

- Professional IES Lighting Layout
- Stringers built for specific fixture performance and spacing
- Power system designed to match lighting density at voltages to maximize run length
- Labor savings that approach or exceed “Lighting System” costs.
- Flexible, reusable and scalable system, easily deployed for the next project.
- Installer differentiation – safe, well-lit project, on-time and on-budget

Distributor Countertop & Store Options

Countertop:

- Wiring Device PowerPaks (plug & connector in tube)
- Wiring Device Selection Mats (22X16)
- Gravity Feed Displays



POWERPAK
25 Plug and Connector Tubes
Spec cards



Slatwall & Floor Stands:

- Various Product Merchandising Options
 - 18" Spinner. Moveable. Stationary. End-cap
 - 2 & 4' Stationary. (Movable with casters provided)
 - Slat Wall Mount – Tiled Wall w/Support brackets (not shown)

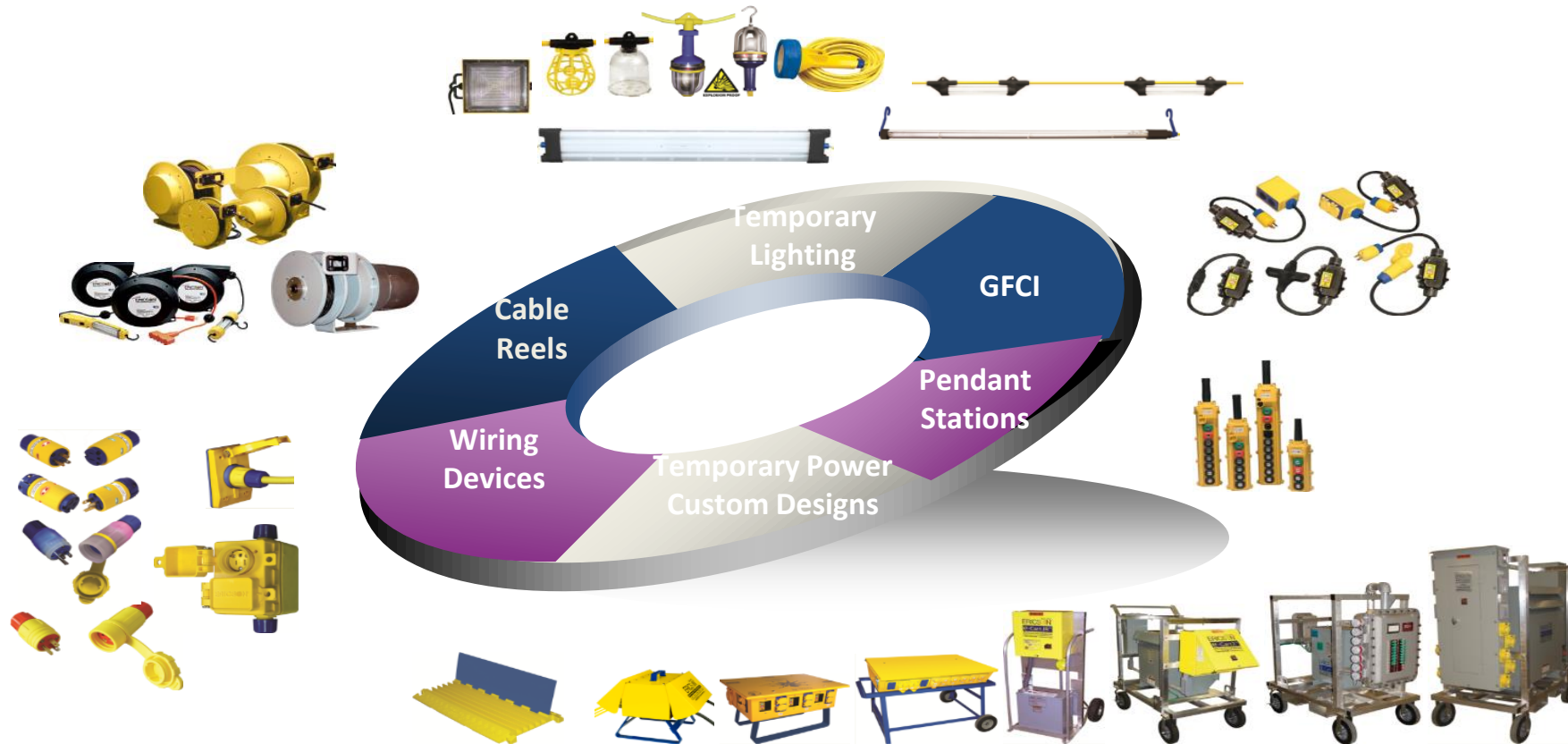
Product Categories

- Jobsite Power
- Portable Power
- Jobsite Lighting
- Pendant Power

*Sales Plan with Focus End-User Targets Required



Ericson – Safe Power and Lighting where its Needed



www.ericson.com

Thank you
for your
time today

