WRAPAROUND
COR100 SERIES 2FT, 4FT, 8FT
LED SQUARE CORRIDOR WRAPAROUND LUMINAIRE

LA LIGHTING

SUSPENSION / SURFACE MOUNTED LED LUMINAIRE

APPLICATIONS
• Commercial, Corridor, Wall

FEATURES
• 0-10V Dimming driver standard
• Suitable for damp locations
• Supports California Title 24 compliance

OPTIONS
• Controls
• Plug-In branch wiring connector system
• Cord & plug
• Emergency battery pack
• Customization available upon request

SPECIFICATIONS

CONSTRUCTION
• 22 ga. cold rolled steel welded housing

FINISH
• Baked white powder coated finish / minimum reflectance 90%
• Painted after fabrication

OPTICAL
• Clear prismatic acrylic lens
• Injection molded ends of lens / diffuser, lens secured to housing by torsion springs

ELECTRICAL
• High efficiency drivers coupled with long-life LEDs
• Service life tested at 50,000 hours (L70)
• Universal voltage 120V through 277V (347V / 480V available)
• Power Factor (PF) ≥ 0.9
• Total Harmonic Distortion (THD) ≤ 20%

LISTING
• UL USA and Canada listed / suitable for damp locations

WARRANTY
• 5-year limited warranty
• 10-year limited warranty available

MADE IN THE USA
BAA Compliant

ORDERING INFORMATION

EXAMPLE: COR100-4-4L-PA-BPL1.5-DRDM-UNV-1/840

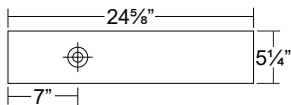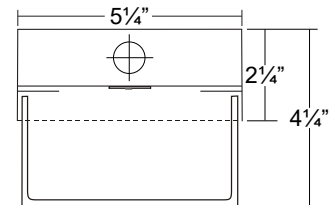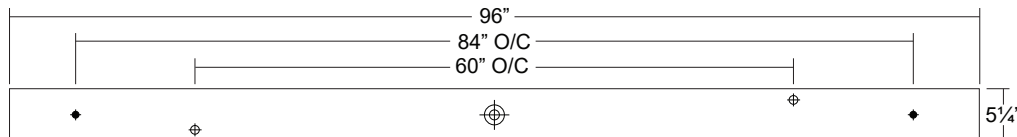| SERIES	NOMINAL LED LUMENS	EFFICACY	NOMINAL LENGTH	COLOR	OPTICAL	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
COR100 • Square Corridor Wraparound LED Luminaire	**2ft** **1** - 1000lm **2** - 2000lm **3** - 3000lm **4** - 4000lm **3ft** **2** - 2000lm **4** - 4000lm **6** - 6000lm **8** - 8000lm **4ft** **2** - 2000lm **4** - 4000lm **6** - 6000lm **8** - 8000lm **8ft** **4** - 4000lm **8** - 8000lm **12** - 12000lm **16** - 16000lm Contact factory for additional lumen packages	**(Blank)** • Standard **HE** • High Efficacy *HE Packages* **2ft** • 1000lm • 2000lm • 3000lm **4ft** • 2000lm • 4000lm • 6000lm **8ft** • 4000lm • 8000lm • 12000lm	**2L** • 2ft **3L** • 3ft **4L** • 4ft **8L** • 8ft *Contact factory for additional length options	**(Blank)** • Standard White **BLK** • Matte Black **BZ** • Statuary Bronze **CS** • Camaro Silver *Consult factory for available RAL options	**PA** • Clear Prismatic Acrylic Lens	**MSPCD(xx)** • Motion Sensor & Photocell Dimming (Lens Option) **MSPC(xx)** • Motion Sensor & Photocell (Lens Option) **MS(xx)** • Motion Sensor **WLC(xx)** • Wireless Control *Contact factory for additional sensor options	**BPL1.5** • Emergency Battery Pack • 1500 lm **PIW(xx)** • Plug-in Branch Wiring Connector • One or Two Circuit • Low Voltage Dimming **C(xx)** • Cord 18 ga. 3-wire • Plug Options • NEMA Plug Type • Length of Cord • Location on the fixture *Contact factory for additional electrical options *Leave blank if not specified	**DRDM** • 0-10V Dimming Driver **DRSD** • Step Dimming Driver **DR2W** • 2-Wire Phase Dimming Driver • Requires Specific Voltage Callout *Contact factory for additional driver options	**UNV** • 120V-277V **120V** • 120 Volt **277V** • 277 Volt **347V** • 347 Volt **480V** • 480 Volt *Contact factory for additional voltage options	**1** • 1 LED Row	**830** • 80+CRI / 3000K **835** • 80+CRI / 3500K **840** • 80+CRI / 4000K **850** • 80+CRI / 5000K **8TW** • Tunable White 827 to 865 • Contact factory regarding lumen packages *Consult factory for available additional options for CRI & CCT

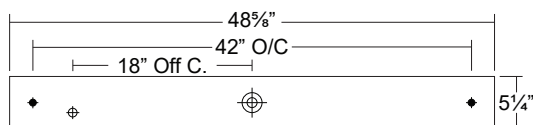## CUSTOM COLORS

BLK - Matte Black   **CS - Camaro Silver**   **BZ - Statuary Bronze**

Variety of RAL colors available upon request.

DIMENSIONS

- 24⅝"
- 5¼"
- 7"
- 36⅝"
- 11" Off C.
- 5¼"
- 48⅝"
- 42" O/C
- 18" Off C.
- 5¼"
- 96"
- 84" O/C
- 60" O/C
- 5¼"

◆ ¹¹⁄₁₆" Stem Mtg. K.O.
⊕ 2" K.O.
⊕ ⅞" K.O. on side of housing

- 5¼"
- 2¼"
- 4¼"

SYSTEM DATA — THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	COR100-1-2L-PA-DRDM-UNV-1/840	944	9.2	102.6 lm/W	87.63%	-20°C / 35°C (-4°F / 95°F)	1-F17T8	LA-T2689
2000 Lumens (Nominal)	COR100-2-2L-PA-DRDM-UNV-1/840	1876	16.7	112.3 lm/W	87.63%	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	LA-T2690
3000 Lumens (Nominal)	COR100-3-2L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	COR100-4-2L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	COR100-1HE-2L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	COR100-2HE-2L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	COR100-3HE-2L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*

3' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	COR100-2-3L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)		*
4000 Lumens (Nominal)	COR100-4-3L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)		*
6000 Lumens (Nominal)	COR100-6-3L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)		*
8000 Lumens (Nominal)	COR100-8-3L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)		*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	COR100-2-4L-PA-DRDM-UNV-1/840	1910	17.8	107.3 lm/W	88.64%	-20°C / 35°C (-4°F / 95°F)	1-F32T8	LA-T2691
4000 Lumens (Nominal)	COR100-4-4L-PA-DRDM-UNV-1/840	3616	34.7	104.2 lm/W	88.64%	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	LA-T2692
6000 Lumens (Nominal)	COR100-6-4L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	COR100-8-4L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	COR100-2HE-4L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	COR100-4HE-4L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	COR100-6HE-4L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	COR100-4-8L-PA-DRDM-UNV-1/840	3835	33.1	115.9 lm/W	89.01%	-20°C / 35°C (-4°F / 95°F)	3-F32T8	LA-T2693
8000 Lumens (Nominal)	COR100-8-8L-PA-DRDM-UNV-1/840	7263	68.1	106.7 lm/W	89.01%	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	LA-T2694
12000 Lumens (Nominal)	COR100-12-8L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	COR100-16-8L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*

SYSTEM DATA THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	COR100-4HE-8L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
6000 Lumens (Nominal)	COR100-8HE-8L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	COR100-12HE-8L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	COR100-16HE-8L-PA-DRDM-UNV-1/840	-	-	-	-	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*

NOTE:
System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.
This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.
Additional lumen packages and color temperatures available.

CONTROL OPTIONS

enocean

WLC(LEDRU) - EnOcean® LED Relay Zone Controller
- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount
- Wireless single rocker switch with mounting plate
- No batteries needed

EDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount
- Wireless double rocker switch with mounting plate
- No batteries needed

S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool
- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, & to edit & store projects
- Configuration settings can be saved & cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount
- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50ft) and long range (100ft) options
- Mounting height: 6-8ft

EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount
- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360° viewing angle lens (34' diameter)
- Mounting height: 7-10ft

ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount
- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source

Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300   10141 Olney Street
F: 626-454-8399   El Monte, CA 91731
www.lalighting.com   Made in the USA

RoHS COMPLIANT

UL CERTIFIED

Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice.
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Revised: 04/15/21

MADE IN THE USA
BAA Compliant

DRIVER OPTIONS

BACK TO TOP

BATTERY PACK OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED BATTERY OPTION WORKS WITH THIS FIXTURE

LED EMERGENCY BATTERY PACKS
(Operates for 90 minutes unless otherwised specified)

DRDM ( ) ( ) UNV

BPL — 1.5 (2H)

NOTE

120V	120 Volt
277V	277 Volt
UNV	Universal 120-277V *Normal Stock Item*
347V	347 Volt
480V	480 Volt

SPECIFIC DRIVER MFG

(XXX)	Manufacturer's Name/Part Number

WARRANTY

(*Blank*)	5-Year Limited Warranty - Standard
TY	10-Year Limited Warranty
	Lighting fixtures with ten year limited warranty if specified

DRIVER TYPE

DRDM	0-10V Dimming Driver *Normal Stock Item*
DRDM1	0-10V Dimming Driver, 1% Dimming
DRDM2C	2-Channel 0-10V Dimming Driver (for Color Tunable White)
DR2W	2-Wire Phase Dimming Driver (TRIAC, Mark 10)
DRDA	Digital Addressable DALI Dimming Driver
DRDA2C	Digital Addressable DALI Type 8, 2-Channel Driver (for Color Tunable White)
DRDA2.0	Digital Addressable DALI 2.0 Dimming
DRDA2.02C	Digital Addressable DALI 2.0 Type 8, 2-Channel Driver (for Color Tunable White)
DRSD	Step Dimming
DR(LTEA2W)	Lutron® 2-Wire, 1% Dimming Driver (120V Forward Phase only)
DR(LED1)	Lutron® Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black Dimming
DR(L3DAE)	Lutron® Hi-Lume 1% EcoSystem
DR(L3DA3W)	Lutron® Hi-Lume 1% 3-wire
DR(PEQ0E)	Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
DR(PSQ02U)	Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)
DRCR	Control Ready
DRCR(DXL)	Osram Dexal
DRCR(SR)	Signify Sensor Ready

NOTE

2H	2 Hours

LUMEN PACKAGE

0.7	Nominal 750 Lumens
1.5	Nominal 1500 Lumens *Normal Stock Item*
3.0	Nominal 3000 Lumens
4.0	Nominal 4000 Lumens
	(Additional lumen packages available)

TYPE

(Blank)	Normal Ambient Temp. / Standard Operation
C	Cold Environment (-20°C)
SL	Slim Casing
ST	Self Test / Diagnostic

ELECTRICAL

PLUG-IN BRANCH WIRING CONNECTOR SYSTEM, LOW VOLTAGE FOR DIMMING
• For wiring lighting fixtures through fixture channel in single or multiple circuits by means of terminal disconnect plugs
• Low-Voltage for dimming
• 12 ga. wire supplied
• Specific configurations for multiple circuits supplied as specified

PIW1 LV

VOLTAGE
(Blank) - Leave blank if not specified
LV - Low Voltage for 0-10V or other controls

 # OF CIRCUITS
PIW1 - One Circuit
PIW2 - Two Circuits
PIW3 - Three Circuits

CORD & PLUG

C P 515P 6 E

CORD
C - Cord 18 ga. 3-wire
Black outer jacket
SJT type for 120-277V / ST type for 480V

PLUG
(Blank) - No Plug
P - Plug
Note: please consult the factory regarding any
cord and plug combinations that are not shown
• *Cannot be factory installed when the
fixture is rated for Wet Location*

LOCATION
E - End of fixture
T - Top of fixture
A - Access Plate

LENGTH
6 - 6ft cord standard length
10 - 10ft cord standard length
*Contact factory for additional lengths

TYPE
(Blank) - No Plug
515P* - NEMA 5-15P, straight blade, 120V, 15A
    (for wet location applications if installed in a waterproof enclosure)
L515P - NEMA L5-15P, locking blade, 120V, 15A
L515PWL* - NEMA 4x L5-15P, wet location, locking blade, 120V 15A
    (consult factory to specify plug manufacturer)
L520P - NEMA L5-20P, locking blade, 120V, 20A
L715P - NEMA L7-15P, locking blade, 277V, 15A
    (for wet location applications if installed in a waterproof enclosure)
L715PWL* - NEMA 4x L7-15P, wet location, locking blade, 277V, 15A
    (consult factory to specify plug manufacturer)
L720P - NEMA L7-20P, locking blade, 277V, 20A
L820P - NEMA L8-20P, locking blade, 480V, 20A
**Note: Consult local building codes for specific wet location installation
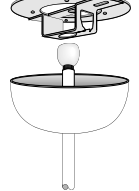requirements*

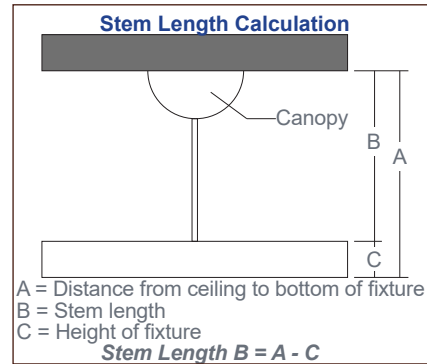## MOUNTING ACCESSORIES

CANOPY SUSPENSION
- Ball action joint provides a full circumferential 45° swivel action
- Canopy bowls turn-lock onto bracket
- Baked white enamel (other finishes available as specified)
- Minimum one (1) of each per fixture

565 (Non-Feed Version)
- Includes
  - Mounting bracket
  - Turn-lock canopy bowl
  - Ball action joint

575 (Feed Version)
- Includes
  - Flash plate
  - Mounting bracket
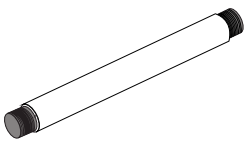 - Turn-lock canopy bowl
  - Ball action joint

STEM(Length)
- ⅜" IPS, nominal OD ⅝"
- Threaded 1" each end
- 2 lock nuts provided per stem
- Standard lengths: 6", 12", 18", 24", 30", 36", 48"
- Baked white enamel finish

Note: other lengths & finishes are available as specified

Stem Length Calculation

A = Distance from ceiling to bottom of fixture
B = Stem length
C = Height of fixture
Stem Length B = A - C

Note: Stem conduit is specified and sold as an additional line item

565 (Non-Feed Version)
- Minimum stem length is 12"
- Maximum weight is 50lbs per stem

575 (Feed Version)
- Minimum stem length is 6"
- Maximum weight is 20lbs per stem
- Maximum weight is 50lbs per stem for lengths 12" and longer
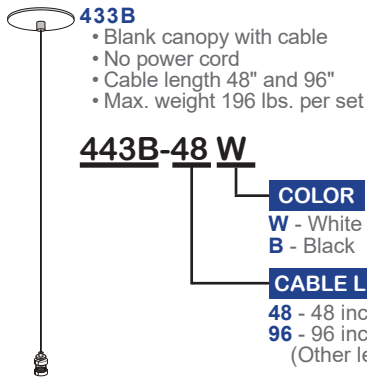

CANOPY / CABLE SUSPENSION SYSTEM
- Self-locking, one-step adjustable suspension device with canopies
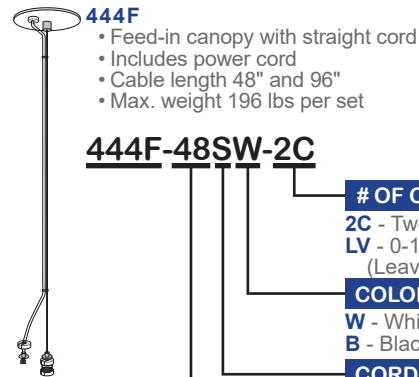- Provides a full circumferential 360° swivel action

433B
- Blank canopy with cable
- No power cord
- Cable length 48" and 96"
- Max. weight 196 lbs. per set

443B-48 W

COLOR
- **W** - White
- **B** - Black

CABLE LENGTH
- **48** - 48 inches
- **96** - 96 inches
  (Other lengths as specified)

444F
- Feed-in canopy with straight cord
- Includes power cord
- Cable length 48" and 96"
- Max. weight 196 lbs per set

444F-48SW-2C

 # OF CIRCUITS
- **2C** - Two circuits
- **LV** - 0-10V dimming
  (Leave blank for one circuit)

COLOR
- **W** - White
- **B** - Black

CORD TYPE
- **S** - Straight cord
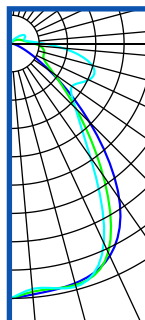
CABLE LENGTH
- **48** - 48 inches
- **96** - 96 inches
  (Other lengths as specified)

PHOTOMETRIC DATA

COR100-4-4L-PA-DRDM-UNV-1/840

TEST NO. = LA-T2692
LED TYPE = 32 LED MODULE
NO. OF MODULE = 2
SYSTEM WATT (W) = 34.7
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

SPACING CRITERION
ALONG	ACROSS
1.21	1.10

ZONAL LUMEN SUMMARY
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1231	30.2	34.0
0-40	1857	45.4	51.4
0-60	2630	64.5	72.7
0-90	3329	81.6	92.1
90-120	219	5.4	6.1
90-150	284	7.0	7.9
90-180	287	7.0	7.9
0-180	3616	88.6	100.0

Luminaire Output = 3616.4 lumens
Luminaire Efficacy = 104.22 lm/W
Luminaire Efficiency = 88.64%

Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300
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Revised: 07/31/23

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