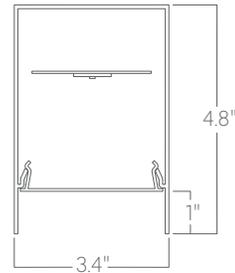# LS4 regressed direct

The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

Features

- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible learn more

Dimensions

4.8"
1"
3.4"

Optics

low — 785 cd

medium — 999 cd

high — 1427 cd
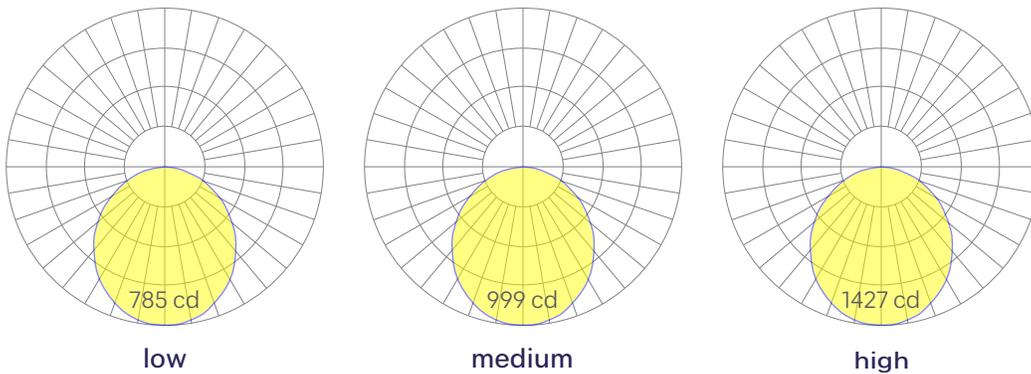
Representative distribution and peak candela. For other options see order information or IES files here.

coronetled.com
T 973 345 7660

JA8   UNION MADE IN THE USA   Declare.   Suitable for Damp Locations   ETL Intertek

Coronet
designed and built in the USA

LS4 regressed direct

Ordering Information

| 1 | - | 2 | - | 3 | - | 4 | - | 5 | - | 6 | - | 7 | - | 8 | - | 9 | - | 10 | - | 11 | - | 12 |

Example: LS4RG - 8 - 35 - MED - UNV - DB - W - AC - FL - CCS - DAYCKT - NA

Fixture ID [1]

LS4RG

Length [2]

2	2 ft
4	4 ft
8	8 ft
X'-X"	Specify Length[1]
PAT	Pattern (Consult Factory)

[1]Precision lengths may be specified to the nearest 1/8".
All lengths are nominal unless specified to be exact.

Color Temperature [3]

27	2700K/90 CRI
30	3000K/90 CRI
35	3500K/90 CRI
40	4000K/90 CRI
50	5000K/90 CRI
WD[1]	Warm Dim 2200K–3000K
TW[2]	Tunable White 2700K–6500K
RGBW30[3]	RGB +white, 3000k
RGBW35[3]	RGB +white, 3500k
RGBW40[3]	RGB +white, 4000k

[1]Must use WD10 driver.
[2]Must use TW10 or PSQdriver.
[3]Must use remote DMX driver. "High" output not available.

Output [4]

LOW	Low output
MED	Medium output
HIGH	High output
CUST	Custom output[1]

[1]consult factory

Voltage [5]

UNV	Universal (120/277V)
347V[1]	347V

[1]Must use DB Driver

Driver [6]

DB	Standard 0-10V 1%
DB.1%	0-10V 0.1%
ELV[2]	Reverse Phase 1% (120V only)
TRI[2]	Forward phase (120V only)
LDE1	Lutron Digital EcoSystem
JA8	JA8 compliant 1% dimming
DALI	DALI-2 Driver
PoE	Power over ethernet.
TW10	2 ch, 0-10V for tunable white.
WD10	0-10V Warm Dim
PSQ	Lutron T-Series 2-channel 1% for tunable white
DMX[1]	DMX512

[1]Set to default address 001. Contact us for other addressing needs.
All DMX drivers provided in remote enclosuers.
[2]For compatible dimmers, click here.

Finish [7]

W	White
BLK	Black
SLV	Silver
CC[1]	Custom Color
CWF[1]	Custom Wood Finish

[1]Custom Color. See finish options here.
White SJ cord and canopy provided; for other requests, see section 12 to specify.

Mounting [8]

AC	Aircraft Cable (50")
AC3.5	3.5" canopy + jbox adaptor[1]
ACPC	Aircraft cable to Conduit Pipe Canopy
SMHC	Surface Mount, Hard ceiling
SMTB	Surface Mount, Tbar clip
WM	Wall Mount
PS-X	Pendant Stem (12", 18", 24", 36", 48")

[1]Adaptor must be mudded-in
White stems and canopy provided unless otherwise specified in options (section 12).

Optics [9]

FL	Flat Diffuser

Sensors/Controls [10]

NA	None
ACM	Acuity nLight Module Only
CCS	Casambi Module
AWNR	Lutron Athena Wireless Node Module

Consult factory for other options.

Circuit [11]

NA	None
EMPCK	Emergency Battery Pack
EMCKT	Emergency Circuit
DAYCKT	Daylight Circuit

Options [12]

STD	White Canopy + White Cord
CAN-X[1]	Canopy + color
SJ-X[2]	SJ Cord + color

[1]See finish options here.
[2]SJ Cord only available in White or Black.

Performance

Output[1]	Watts/ft	Lumens/ft	LPW
Low	5	466	93
Medium	7	593	89*
High	10	846	85

[1]Based on a typically configured 90 CRI, 3500K luminaire using one driver.
Custom outputs available. Please consult factory.
For 4000K multiply by 1.05; for 3000K 0.96; for 2700K, 0.92.

*80 CRI equivalent 105 LPW

Technical Information

click here or
scan QR code

Wiring diagrams, PoE and sensor details

Modification date: July, 2023

Coronet reserves the right to make design changes.

LS4 regressed direct

Drivers & Electrical

Integral drivers* with 0-10V Dimming standard. Several other driver options available; see ordering information.

*DMX drivers are provided in remote enclosures.

Sensors & Controls

Sensors are installed on an aluminum plate adjacent to the luminaire lens[1]. Coronet remains agnostic in our approach to sensors and control systems; our fixtures are compatible with most systems offered.

[1]Not applicable to indirect only models. Consult factory.

Emergency Back-Up

For fixtures three-feet or longer, a 4W integral emergency driver may be wired to 4ft sections. 7W, 10W, and 12W drivers are also available (not all integral; consult factory). Emergency circuits for use with building generators are also available.

PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox.
Consult Factory for systems not listed, See here for more info.

Finishes

All luminaires are finished in high quality polyester powder coating.
Our standard color is white. Any RAL color may be specified.

Weight

5 lbs per foot

Optics

Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

Construction

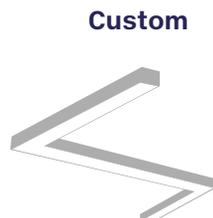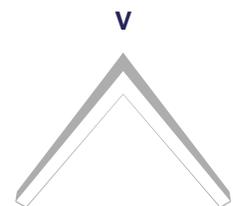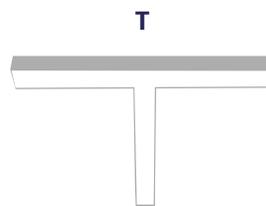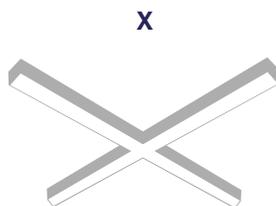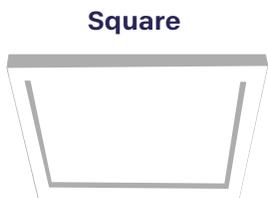Housings are extruded premium, recycled aluminum. Individual fixtures are available up to 12' long and may be specified as nominal or precision lengths. Precision lengths are supplied within 1/8" tolerance.

Joined Runs

Runs of any length may be specified and are comprised of multiple, factory-engineered, joined sections. Individually specified luminaires are not field joinable.
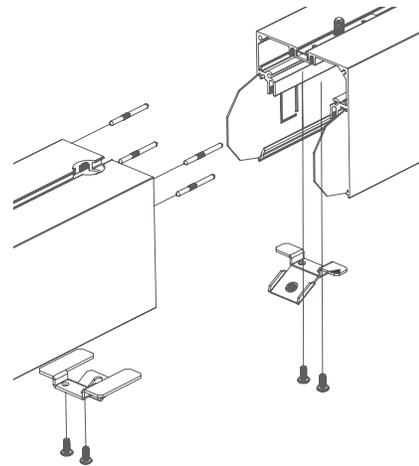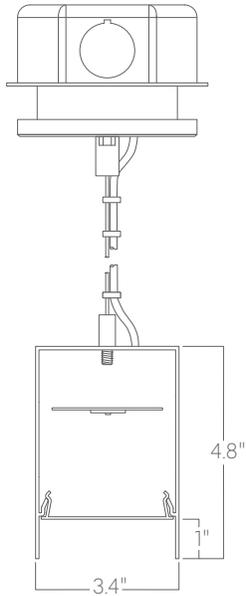
Representative joinery. For product specific details see installation guides or submittal drawings.

Patterns

Featuring illuminated welded corners and angles. Consult factory for custom designs and elevations.

Square

X

T

V

Custom

Elevation

Coronet reserves the right to make design changes.

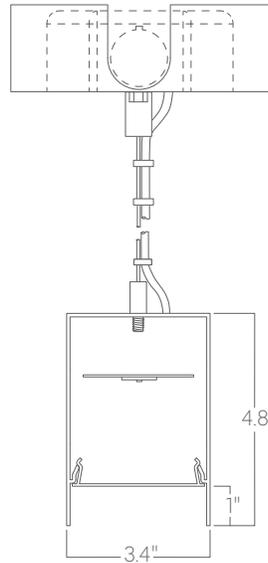**Coronet**
designed and built in the USA
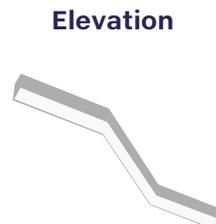
Mounting Options

Custom mounting types and ceiling transitions available; consult factory.
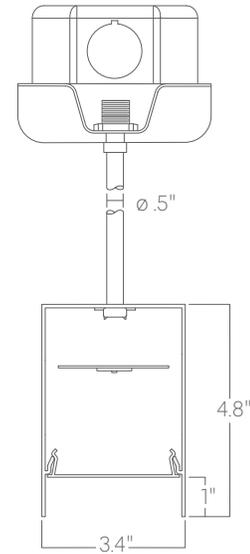

Aircraft cable
3.5" canopy
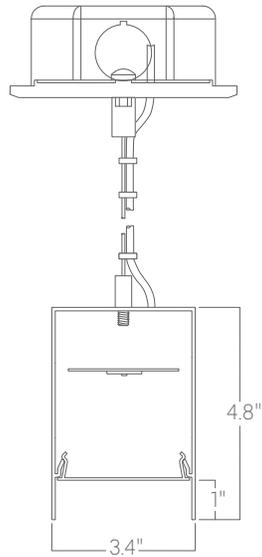
Aircraft cable
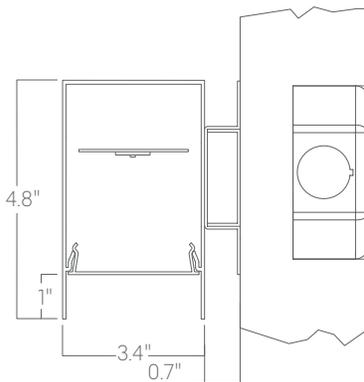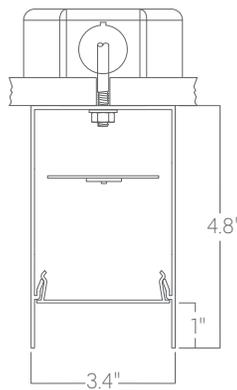**5" canopy**

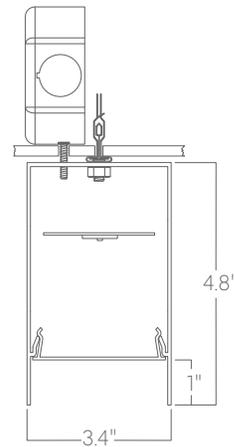**Aircraft cable**
Conduit canopy
with knockouts

Pendant stem

Wall mount

Surface mount
Hard Ceiling

Surface mount
T Bar clip

coronetled.com
T 973 345 7660

JA8   UNION MADE IN THE USA   Declare.   Suitable for Damp Locations   ETL Intertek

Coronet reserves the right to make design changes.