ILB-CP Lumen Reference Chart

Select the desired lumen output for your fixture's efficacy rating. The shown ILB-CP unit will be the mininum wattage unit required. Only general efficacies and lumen values are shown. For specific lumen performance, multiply your fixture's specific efficacy by the wattage of the desired ILB-CP unit. Refer to ILB-CP product specification sheets for complete product details.

Desired Lumen Output - Constant from Minute 1 to Minute 90

Luminaire Efficacy (lm/w)	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200 to 3600*
80	CP05	CP07	CP08	CP10	CP10	CP12	CP20	CP20	CP20	CP20	CP20	CP20	CP20	n/a	n/a	n/a	n/a	n/a	n/a
90	CP05	CP07	CP07	CP08	CP10	CP10	CP12	CP20	CP20	CP20	CP20	CP20	CP20	CP20	CP20	n/a	n/a	n/a	n/a
100	CP05	CP05	CP07	CP07	CP08	CP10	CP10	CP12	CP12	CP20	CP20	CP20	CP20	CP20	CP20	CP20	CP20	n/a	n/a
110	CP05	CP05	CP05	CP07	CP08	CP10	CP10	CP10	CP12	CP12	CP20	CP20	CP20	CP20	CP20	CP20	CP20	CP20	CP20
120	CP05	CP05	CP05	CP07	CP07	CP08	CP10	CP10	CP10	CP12	CP12	CP20	CP20	CP20	CP20	CP20	CP20	CP20	CP20
130	CP05	CP05	CP05	CP07	CP07	CP07	CP08	CP10	CP10	CP10	CP12	CP12	CP20	CP20	CP20	CP20	CP20	CP20	CP20
140	CP05	CP05	CP05	CP05	CP07	CP07	CP08	CP08	CP10	CP10	CP10	CP12	CP12	CP20	CP20	CP20	CP20	CP20	CP20
150	CP05	CP05	CP05	CP05	CP07	CP07	CP07	CP08	CP08	CP10	CP10	CP10	CP12	CP12	CP12	CP20	CP20	CP20	CP20
160	CP05	CP05	CP05	CP05	CP05	CP07	CP07	CP07	CP08	CP10	CP10	CP10	CP10	CP12	CP12	CP12	CP20	CP20	CP20
170	CP05	CP05	CP05	CP05	CP05	CP07	CP07	CP07	CP08	CP08	CP10	CP10	CP10	CP10	CP12	CP12	CP12	CP20	CP20
180	CP05	CP05	CP05	CP05	CP05	CP05	CP07	CP07	CP07	CP08	CP08	CP10	CP10	CP10	CP10	CP12	CP12	CP12	CP20

CP05 - 5-Watt

Options include:

- Flex or No Flex Options
- Slim Profile Model
- CEC Compliance Models

CP07 - 7-Watt

Options include:

- Flex or No Flex Options
- Slim Profile Model
- CEC Compliance Model
- FEMA 2-hour runtime

CP08 - 8-Watt

Options include:

- Slim Profile Only
- CEC Compliant (standard)

CP10 -10-Watt

Options include:

- Flex or No Flex Options
- Slim Profile Model
- CEC Compliant Models
- Self-Diagnostic
- Open Board / External Battery Designs (UL Component Recognized)

CP12 - 12-Watt

Options include:

- Flex or No Flex Options
- Slim Profile Model
- Power-over-Ethernet

CP20 - 20-Watt

Options include:

- Single or Dual Flex Options
- CEC Compliant (standard)
- Self-Diagnostics
- High-Voltage Output (50-200VDC)

See reverse side for mounting style descriptions

Standard ILB-CP Features

- **Patented Constant Power Output**
  Provides the same wattage to the LED array for the entire emergency runtime - no need to oversize the unit to ensure required lumen levels at the end of the 90 minute duration.
- **UL Listed for Field Installation**
  UL Listed for United States and Canada for both factory and field installation.
- **Auto-sense Class 2 Output**
  Auto-sensing output automatically adjusts forward voltage to operate LED arrays from 10-60VDC. On ILB-CP20 High Voltage model, 50-200VDC.
- **Five-Year Warranty**
  Durable and confident design is fully backed by IOTA's five-year warranty against manufacturer defects.

n/a = driver option not available for lumen levels at that efficacy rating. For full light output, use an IOTA IIS Micro or Mini Inverter.

*Options shown are for 2200 lumen levels. For lumen values above 2200, multiply fixture efficacy by 20 to determine output levels of CP20 model.

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Mounting Configurations

Most IOTA **ILB-CP** Emergency Drivers are available in a variety of mounting configurations. When specifying the ILB-CP unit for your project, add the desired wattage and mounting suffix to the ILB-CP model number. Mounting configurations are not applicable to ILB-SL-CP units.

ILB-CP [ ] - (HE)*- [ ]

- **05** 5W Power
- **07** 7W Power
- **10** 10W Power
- **12** 12W Power
- **20**** 20W Power

*Insert "HE" if high-efficiency (CE-CCompliant) model is applicable. Note that "HE" is available in select wattages only.

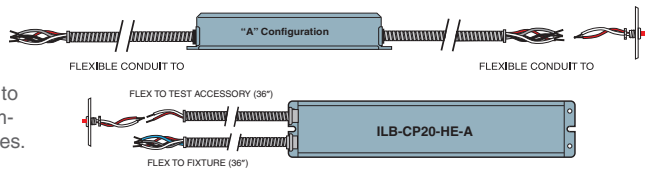
**Available in "-A," "-R," and "-S" configurations only.

Mounting Accessories

A selection of mounting accessories is available for meeting individual installation requirements. Contact Customer Service or refer to product specifications for details.

A — Dual Flex

Provides dual flex for wiring to both the fixture or driver compartment and test accessories.

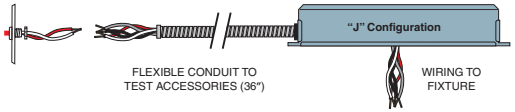


B — Integral Non-Flex

Allows for integral installation within the driver compartment. May also be mounted atop the fixture when used with a TMK cover accessory.

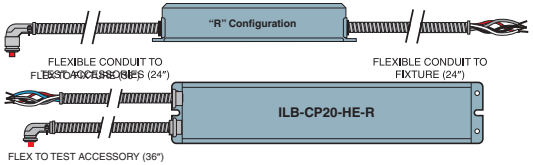
J — Single Flex Junction Box Mount

Mounts to the junction box and provides flexible conduit for remote mounting of the test accessories.



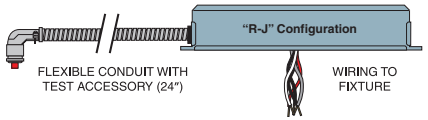
R — Dual Flex w/ Reflector-Mount TBTS

Provides dual flex for wiring to the fixture. The TBTS test accessory hardware installs directly within the reflector. (Recommended for OEM installation only.)



R-J — Single Flex w/ Reflector-Mount TBTS

Mounts to the junction box. The TBTS test accessory hardware installs directly within the reflector. (Recommended for OEM installation only.)

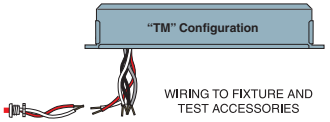


S — Single Flex (20W unit only)

Single conduit that routes all wiring directly to the fixture channel space or junction box.

TM — Top-Mount Non-Flex

Top-mounting option for running wires directly into the driver compartment. Test accessories are then installed within the fixture.



The ILB-CP Series Specifier's Toolkit

Visit **www.iotaengineering.com/cptools** for on-line resources that can assist in selecting and specifying the ILB-CP product for your application requirements. Our **ILB-CP Performance Calculator** will easily provide the operating current and lumen output for your LED luminaire system, and our on-line sample specifications provide simple Copy and Paste specs for use in your project documentation.

ILB-CP Series Compatibility and Suitability of Use

While accessing the ILB-CP Toolkit, be sure to reference the *Compatibility and Suitability of Use* Guidelines when specifying IOTA ILB-CP LED emergency drivers for field installation.

Need further assistance? You can always give our Customer Service team a call at 1-800-866-4682.

Learn more about the ILB-CP Series on YouTube...

You can find our popular ILB-CP wiring tutorial video on the IOTA YouTube channel. The video guides you through the simple steps of connecting an ILB-CP emergency driver to a normal AC driver and LED array. This and several other helpful videos can all be viewed at https://www.youtube.com/user/iotaengineering.