

**RAB**<sup>®</sup>  
**DESIGN**

**LED**  
LIGHTING SOLUTIONS

MINI CATALOGUE | 2014

*TRUSTED QUALITY since 1968*



**EASY  
INSTALL**

Look for this icon throughout this catalogue to find Innovative products, custom designed by RAB Design Lighting for ease of installation.

## **LED** vs. Traditional Lighting

LEDs or light emitting diodes are a form of solid state lighting that is very efficient, cost effective and long lasting. We have been manufacturing quality LED lighting fixtures for more than 10 Years. During that time, there have been significant advancements in technology and LEDs

are now used in many more lighting applications than ever. LED lighting will continue to evolve and continue to replace existing forms of lighting. Below are some of the more important benefits of LEDs.

## BENEFITS OF **LED** LIGHTING

**LONG LIFE:** LED's have an operational life time expectation of 50,000 - 100,000 hours versus 10,000- 40,000 for HID lamps and an average of 2,000-5,000 for Incandescent lamps. If we assume lights are burning for 10 hours per day, LEDs will last at least 11 years longer than HID, resulting in significant reduction in maintenance costs.

**ENERGY EFFICIENT:** With considerably reduced wattages providing the same light output, energy savings is substantial when compared to traditional lighting. In addition, LEDs do not create the heat that traditional lighting does, making them even more cost efficient as air conditioning use can be reduced.

**DURABILITY:** LEDs have no filament so they can withstand a greater amount of vibration and shock than traditional lighting, making them ideal for rough conditions with exposure to weather, wind and rain.

**ECOLOGICALLY FRIENDLY:** LEDs contain no toxic materials unlike traditional lighting which may contain mercury or harmful gases.

**COMPACT SIZE:** LEDs can be extremely small in size, making them ideal to use in compact areas.

**INSTANT ON:** LEDs brighten up immediately when powered on, unlike some traditional lighting fixtures. As well, LED lights can be frequently switched on and off, without affecting the LED's lifetime.

**NO UV EMISSIONS:** LED lighting produces almost no UV emissions, making them ideal for lighting UV sensitive objects.

**COLD TEMPERATURE OPERATION:** Unlike fluorescent lighting, LED lighting thrives in colder environments, making them ideal for outdoor northern climates and colder areas such as freezer rooms.

As mentioned, RAB Design Lighting has many years of experience in producing LED lighting fixtures. The following pages highlight a sample of our newer products and in the months ahead you will also be able to see additional LED lighting products that we are currently developing.



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## ABOUT **RAB** DESIGN LIGHTING

As a Canadian owned and operated manufacturer and distributor of quality commercial and industrial lighting products, we have been servicing the electrical distribution market for more than 40 years.



Left: RD-L8 Linear LED Lighting  
(see page 21)

# UNDERCABINET

**LED**

UC

- **Ultra slim design** (.315" depth x 1.3" width)
- Easy installation
- Unit includes: (1) fixture, (1) direct connector, (1) cable connector, (2) mounting plates and (2) screws
- Link up to 33W per light run

UCP

- **Ultra Slim design** (.315" depth x 3.5" diameter)
- Easy installation
- Unit Includes: (1) fixture, (1) cable connector, (1) screw
- Link up to 33W per light run

UCT

- **Installs snugly into corner**
- **Emits light at a 45° angle**
- Unit includes: (1) fixture, (1) direct connector, (1) cable connector, (2) mounting plates + screws
- Link up to 33W per light run

UC  
UCT  
UCP

## FIXTURES

Order#	Product	Specs
88861	UC-LED300-NW	3W - 11.8"L - 4,000K
88862	UC-LED500-NW	5W - 19.7"L - 4,000K
88863	UC-LED1000-NW	11W - 39.3"L - 4,000K
88875	UC-LED300-WW	3W - 11.8"L - 3,000K
88876	UC-LED500-WW	5W - 19.7"L - 3,000K
88877	UC-LED1000-WW	11W - 39.3"L - 3,000K
88898	UCT-LED300-NW	3W - 11.8"L - 4,000K
88899	UCT-LED500-NW	5W - 19.7"L - 4,000K
88900	UCT-LED1000-NW	11W - 39.3"L - 4,000K
88901	UCT-LED300-WW	3W - 11.8"L - 3,000K
88902	UCT-LED500-WW	5W - 19.7"L - 3,000K
88903	UCT-LED1000-WW	11W - 39.3"L - 3,000K
88896	UCP-LED-NW	3W - 3.5" Dia. - 4,000K
88897	UCP-LED-WW	3W - 3.5" Dia. - 3,000K

**POWER SUPPLY REQUIRED (sold separately from fixtures)**

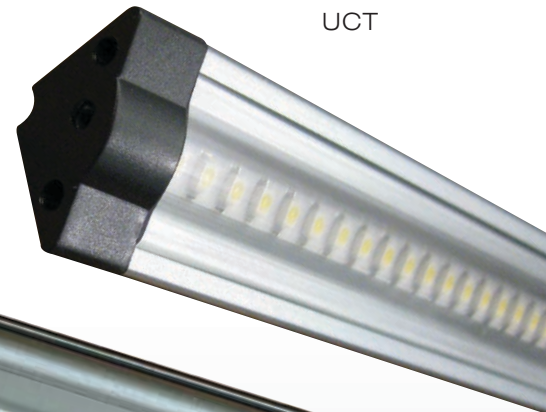
## ACCESSORIES

Order#	Description
88864	UC-6W Plug-in Power Supply 24V, Black
88865	UC-12W Plug-in Power Supply 24V, Black
88866	UC-24W Plug-in Power Supply 24V, Black
88867	UC-36W Plug-in Power Supply 24V, Black
88856	UC-H/W 25W Hardwire Power Supply 120VAC-24VDC
88860	UC-H/W 40W Hardwire Power Supply 120VAC-24VDC
88858	UC-H/W 60W Hardwire Power Supply 120VAC-24VDC
88859	UC-H/W 96W Hardwire Power Supply 120VAC-24VDC
88857	UC-H/W 150W Hardwire Power Supply 120VAC-24VDC
88869	UC-Corner Connector
88870	UC-Direct Connector
88871	UC-Switch Connector
88923	UC-Touch Dimmer Connector
88878	UC-Mounting Clips Kit (2 Clips & 2 Screws)
88872	UC-Dimmer Controller
88873	UC-Receptacle 4 Outlet Splitter, Black
88874	UC-Receptacle 8 Outlet Splitter, Black
88879	UC-Connector Cable Black 6" Length
88868	UC-Connector Cable Black 1M Length
88880	UC-Connector Cable Black 2M Length
88904	UC-Connector Y-Adaptor 1 Connector - 2 Receptacle
88905	UCT-Direct Connector
88906	UCT-Mounting Clips Kit (2 clips & 2 screws)



UCP

- Available in Warm White (WW-3,000k) and Natural White (NW-4,000k)



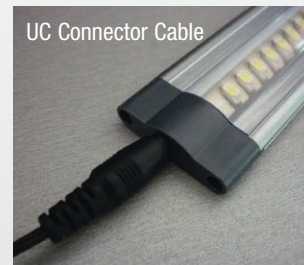
UCT



UC



88869 - UC Corner Connector



UC Connector Cable



88870- UC Direct Connector



88905 - UCT Direct Connector

24v DC

