# COMMERCIAL SERVICE LED Offering











# INDUSTRIAL & COMMERCIAL LED

## by Commercial Service









Committed to meet our customers' needs while keeping pace with the rapid evolution of our industry, we combine our years of expertise with technical innovation and design engineering to deliver high-performance LED products with exceptional quality and reliability. Commercial Service products are engineered to meet the highest industry standards, and durably constructed to perform in tough environments.

We offer many Energy Star and DLC listed products, as well as products that can be used to comply with California 2016 Title 24, Part 6, high efficacy light source requirements. Additionally, several of our products carry the International Protection markings including IP40 and IP65. Meeting these requirements ensures that our products have passed rigorous testing.

Our long-lasting LED products are ideal for new construction or retrofit applications. Many feature a voltage range of 120-277 volts and built-in surge protection. Upgrade with Commercial Service LED products to reduce maintenance costs, protect the environment and gain significant energy and cost savings.

# LED LIGHT FIXTURES & ACCESSORIES

Our LED light fixtures replace inefficient HID or fluorescent fixtures with high performance lighting specifically designed for commercial and industrial applications, where increased visibility can improve safety and working environments. In addition to hardwired fixtures, our LED plug-in work lights offer versatility and ample illumination in construction environments. Optional accessories provide enhancements for mounting, maintenance and functionality.



## LED LAMPS

Utilizing the latest technology, our LED lamp and recessed downlight options replace HID, CFL and incandescent lamps, providing enhanced light output with significant energy and cost saving benefits. Our long-lasting LED lamps are designed to meet and exceed the requirements of many commercial applications.



#### INDUSTRIAL & COMMERCIAL

#### LED VAPOR PROOF FIXTURE

#### I FD GARAGE CANOPY FIXTURES





Height: 4.19" Square: 10.06" Down rod adaptable for pendant mounting (not included)



Graphite Finish with Acrylic Shade Height: 4.19" Square: 10.06" Down rod adaptable for pendant mounting (not included)



LED PLUG-IN WORK LIGHTS LED DAMP IP65 100W High Lumen LED Plug-In Work Light Item No. 65493 Orange Finish with Chrome Cage Height: 10.75" Diameter: 6.50" Adjustable Cord: 120"

#### UFO HIGH BAY LIGHTING



150 Watt LED UFO Style High Bay Fixture Item No. 63486 Black Finish Height: 8.03" Diameter: 11.81"



LED UFO Style High Bay Fixture Item No. 63485 Black Finish Height: 8.35" Diameter: 11.81"



#### UFO HIGH BAY LIGHTING ACCESSORIES



70° Prismatic Reflector for UFO Style High Bay Fixtures Item No. 634856911 Clear Acrylic Height: 10.83" Diameter: 16.14"



National Pipe Thread for UFO Style High Bay Fixture Item No. 634866912 - for 63486 (150W) Item No. 634856912 - for 63485 (200W) Height: 2.36" Diameter: 1.37"



Adjustable Bracket for UFO Style High Bay Fixtures Item No. 634856913 Height: 7.17" Width: 10.08'



**Motion Sensor** for UFO Style High Bay Fixtures Item No. 634856914 Height: 2.32" Diameter: 2.84"

#### LED LIGHT SOURCE SPECIFICATIONS

Item No.	Volts	Energy Used (Watts)	Equiv. Wattage	Color Designation	Light Appearance (Kelvin)	Diffuser Type	Lumens	CRI	Average Rated Hours
65641	120-277	20	50/HID	Daylight	5000	Frosted Lens	2200	80	50000
63256	120-277	40	50-70/HID	Daylight	5000	Acrylic Shade	4800	80	50000
63257	120-277	70	100-150/HID	Daylight	5000	Acrylic Shade	8400	80	50000
65492	120	60	500	Daylight	5000	_	7200	80	50000
65493	120	100	1000	Daylight	5000	_	12000	80	50000
63486	120-277	150	300/HID	Daylight	5000	-	19500	80	50000
63485	120-277	200	400/HID	Daylight	5000	_	26000	80	50000

NEW!

#### LINEAR HIGH BAY FIXTURES











Item No. 65635 White Finish with Frosted Acrylic Diffuser Height: 2.20" Width: 23.82" Depth: 17.32"



4 ft. 160 Watt LED Linear High Bay Fixture Item No. 65636 White Finish with Frosted Acrylic Diffuser Height: 2.20" Width: 45.87" Depth: 12.60"

Height: 2.20" Width: 23.82" Depth: 12.60'

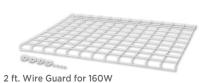


4 ft. 225 Watt LED Linear High Bay Fixture Item No. 65637 White Finish with Frosted Acrylic Diffuser Height: 2.20" Width: 45.87" Depth: 12.60"

## LINEAR HIGH BAY FIXTURE ACCESSORIES



2 ft. Wire Guard for 110W High Bay Linear Fixture 65634 Item No. 656346911\* White Finish Height: 0.71" Width: 23.82" Depth: 13.15"



High Bay Linear Fixture 65635 Item No. 656356911\* White Finish Height: 0.71" Width: 23.82" Depth: 17.87"



4 ft. Wire Guard for 160W and 225W High Bay Linear Fixtures 65636, 65637 Item No. 6563x6911 \* White Finish Height: 0.71" Width: 45.87" Depth: 13.15"





Battery Backup for High Bay Linear Fixtures 65634, 65635, 65636, 65637 Item No. 6563x6915\* Height: 2.19" Width: 10.08" Depth: 2.17"



## \* SPECIAL ORDER ITEM CALL YOUR WESTINGHOUSE LIGHTING REPRESENTATIVE FOR ADDITIONAL INFORMATION

#### LED LIGHT SOURCE SPECIFICATIONS

Item No.	Volts	Energy Used (Watts)	Color Designation	Light Appearance (Kelvin)	Diffuser Type	Lumens	CRI	Average Rated Hours
65634	120-277	110	Daylight	5000	Frosted Acrylic	14300	80	50000
65635	120-277	160	Daylight	5000	Frosted Acrylic	20800	80	50000
65636	120-277	160	Daylight	5000	Frosted Acrylic	20800	80	50000
65637	120-277	225	Daylight	5000	Frosted Acrylic	29250	80	50000

#### SURFACE MOUNT FIXTURES





6 in. 12 Watt LED Surface Mount Item No. 63218 Chrome Finish with Frosted Lens, 3000K Height: 1.00" Diameter: 6.00



6 in. 12 Watt LED Surface Mount Item No. 63219 Brushed Nickel Finish with Frosted Lens, 3000K Height: 1.00" Diameter: 6.00"



6 in. 12 Watt LED Surface Mount Item No. 63220 Oil Rubbed Bronze Finish with Frosted Lens, 3000K Height: 1.00" Diameter: 6.00



6 in. 12 Watt LED Surface Mount Item No. 63221 White Finish with Frosted Lens, 3000K Height: 1.00" Diameter: 6.00



7 in. 15 Watt LED Surface Mount Item No. 63229 White Finish with Frosted Lens, 3000K Height: 1.37" Diameter: 7.38'



6 in. 12 Watt **LED Surface Mount** Item No. 63222 Chrome Finish with Frosted Lens, 4000K Height: 1.00" Diameter: 6.00"



6 in. 12 Watt **LED Surface Mount** Item No. 63223 Brushed Nickel Finish with Frosted Lens, 4000K Height: 1.00" Diameter: 6.00"



LED Surface Mount Item No. 63224 Oil Rubbed Bronze Finish with Frosted Lens, 4000K Height: 1.00" Diameter: 6.00"



6 in. 12 Watt LED Surface Mount Item No. 63225 White Finish with Frosted Lens, 4000K Height: 1.00" Diameter: 6.00"



7 in. 15 Watt **LED Surface Mount** Item No. 63233 White Finish with Frosted Lens, 4000K Height: 1.37" Diameter: 7.38"



7 in. 15 Watt LED Surface Mount Item No. 63226 Chrome Finish with Frosted Lens, 3000K Height: 1.37" Diameter: 7.38"



7 in. 15 Watt LED Surface Mount Item No. 63227 Brushed Nickel Finish with Frosted Lens, 3000K Height: 1.37" Diameter: 7.38'



7 in. 15 Watt LED Surface Mount Item No. 63228 Oil Rubbed Bronze Finish with Frosted Lens, 3000K Height: 1.37" Diameter: 7.38



6 in. 12 Watt LED Surface Mount Item No. 63644 White Finish with Frosted Lens, 5000K Height: 1.00" Diameter: 6.00"



7 in. 15 Watt LED Surface Mount Item No. 63645 White Finish with Frosted Lens, 5000K Height: 1.37" Diameter: 7.38"



7 in. 15 Watt LED Surface Mount Item No. 63230 Chrome Finish with Frosted Lens, 4000K Height: 1.37" Diameter: 7.38'



7 in. 15 Watt LED Surface Mount Item No. 63231 Brushed Nickel Finish with Frosted Lens, 4000K Height: 1.37" Diameter: 7.38'



7 in. 15 Watt LED Surface Mount Item No. 63232 Oil Rubbed Bronze Finish with Frosted Lens, 4000K Height: 1.37" Diameter: 7.38'

#### LED LIGHT SOURCE SPECIFICATIONS

Item No.	Fixture Finish	Energy Used (Watts)	Equiv. Incand. Wattage	Color Designation	Light Appearance (Kelvin)	Brightness (Lumens)	CRI	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**
63218	Chrome	12	60	Warm White	3000	840	80	50000	45.6	\$1.45
63222	Chrome	12	60	Cool White	4000	840	80	50000	45.6	\$1.45
63226	Chrome	15	75	Warm White	3000	1050	80	50000	45.6	\$1.81
63230	Chrome	15	75	Cool White	4000	1050	80	50000	45.6	\$1.81
63219	Brushed Nickel	12	60	Warm White	3000	840	80	50000	45.6	\$1.45
63223	Brushed Nickel	12	60	Cool White	4000	840	80	50000	45.6	\$1.45
63227	Brushed Nickel	15	75	Warm White	3000	1050	80	50000	45.6	\$1.81
63231	Brushed Nickel	15	75	Cool White	4000	1050	80	50000	45.6	\$1.81
63220	Oil Rubbed Bronze	12	60	Warm White	3000	840	80	50000	45.6	\$1.45
63224	Oil Rubbed Bronze	12	60	Cool White	4000	840	80	50000	45.6	\$1.45
63228	Oil Rubbed Bronze	15	75	Warm White	3000	1050	80	50000	45.6	\$1.81
63232	Oil Rubbed Bronze	15	75	Cool White	4000	1050	80	50000	45.6	\$1.81
63221	White	12	60	Warm White	3000	840	80	50000	45.6	\$1.45
63225	White	12	60	Cool White	4000	840	80	50000	45.6	\$1.45
63644	White	12	60	Daylight	5000	840	80	50000	45.6	\$1.45
63229	White	15	75	Warm White	3000	1050	80	50000	45.6	\$1.81
63233	White	15	75	Cool White	4000	1050	80	50000	45.6	\$1.81
63645	White	15	75	Daylight	5000	1050	80	50000	45.6	\$1.81

\*Based on 3hrs./day \*\*Based on 3hrs./day 11¢/kWh

## INDUSTRIAL & COMMERCIAL



All Slim Dir	ect Wire	Recessed LED Downlights are ETL Listed.											
Item No.	Used (Watts)	Domestic Code	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL	MOD
COLOR 52010 <b>*</b>	10	10R/4"/LED/DIM/SLIM/FL/27-50	65	Multi 4	White	2700/3000/ 4000/5000	80	630	50000	45.6	\$1.20	0.98"	4.72"
52020 <b>x</b>	12	12R/6"/LED/DIM/SLIM/FL/27-50	80	Multi 4	White	2700/3000/ 4000/5000	80	950	50000	45.6	\$1.45	0.98"	6.72
ROUND	SLIM												
50950	10	10R/4"/LED/DIM/WH/SLIM/FL/27	65	Warm White	White	2700	90	600	50000	45.6	\$1.20	0.98"	4.72
50970	10	10R/4"/LED/DIM/WH/SLIM/FL/30	65	Warm White	White	3000	90	600	50000	45.6	\$1.20	0.98"	4.72
50990	10	10R/4"/LED/DIM/WH/SLIM/FL/40	60	Cool White	White	4000	90	600	50000	45.6	\$1.20	0.98"	4.72
51010	10	10R/4"/LED/DIM/WH/SLIM/FL/50	60	Daylight	White	5000	90	600	50000	45.6	\$1.20	0.98"	4.72
51030	12	12R/6"/LED/DIM/WH/SLIM/FL/27	60	Warm White	White	2700	90	900	50000	45.6	\$1.45	0.98"	6.72
51070	12	12R/6"/LED/DIM/WH/SLIM/FL/30	80	Warm White	White	3000	90	900	50000	45.6	\$1.45	0.98"	6.72
51090	12	12R/6"/LED/DIM/WH/SLIM/FL/40	80	Cool White	White	4000	90	900	50000	45.6	\$1.45	0.98"	6.72
51110	12	12R/6"/LED/DIM/WH/SLIM/FL/50	80	Daylight	White	5000	90	900	50000	45.6	\$1.45	0.98"	6.72
51980	18	18R/8"/LED/DIM/WH/SLIM/FL/120-277V/30	100	Warm White	White	3000	90	1300	50000	45.6	\$2.17	0.98"	8.86
51990	18	18R/8"/LED/DIM/WH/SLIM/FL/120-277V/40	100	Cool White	White	4000	90	1300	50000	45.6	\$2.17	0.98"	8.86
52000	18	18R/8"/LED/DIM/WH/SLIM/FL/120-277V/50	100	Daylight	White	5000	90	1300	50000	45.6	\$2.17	0.98"	8.86
SQUAR	E SLIM												
51860	10	10R/4"/LED/DIM/SLIM/SQ/FL/27	65	Warm White	White	2700	90	600	50000	45.6	\$1.20	0.98"	4.72
51870	10	10R/4"/LED/DIM/SLIM/SQ/FL/30	65	Warm White	White	3000	90	600	50000	45.6	\$1.20	0.98"	4.72
51880	10	10R/4"/LED/DIM/SLIM/SQ/FL/40	65	Cool White	White	4000	90	600	50000	45.6	\$1.20	0.98"	4.72
51890	10	10R/4"/LED/DIM/SLIM/SQ/FL/50	65	Daylight	White	5000	90	600	50000	45.6	\$1.20	0.98"	4.72
51900	12	12R/6"/LED/DIM/SLIM/SQ/FL/27	80	Warm White	White	2700	90	900	50000	45.6	\$1.45	0.98"	6.72
51910	12	12R/6"/LED/DIM/SLIM/SQ/FL/30	80	Warm White	White	3000	90	900	50000	45.6	\$1.45	0.98"	6.72
51920	12	12R/6"/LED/DIM/SLIM/SQ/FL/40	80	Cool White	White	4000	90	900	50000	45.6	\$1.45	0.98"	6.72
51930	12	12R/6"/LED/DIM/SLIM/SQ/FL/50	80	Daylight	White	5000	90	900	50000	45.6	\$1.45	0.98"	6.72

<sup>23</sup> Can be used to comply with the 2016 Title 24, Part 6, high efficacy light source requirements.

# SLIM RECESSED DOWNLIGHT ACCESSORIES

★ Not compatible with accessory item #509506931





\*Based on 3 hrs./day



\*\*Based on 3 hrs./day 11¢/kWh

		*********	0000000	0.00	
Item No.	Description		Height	Width	Depth
509506931	10 ft. Extension Cord for Slim Recessed Downlights		_	_	-
509506913	Bracket for 4 in. Slim Recessed Downlights		0.03"	26.00"	6.25"
510306913	Bracket for 6 in. Slim Recessed Downlights		0.03"	26.00"	8.38"



Item No.

52130

52140 +

52150 +

GIMBAL 52120

#### GIMBAL RECESSED DOWNLIGHTS

**Domestic Code** 

All Gimbal Recessed LED Downlights are ETL Listed.

ergy Used (Watts)

7

12

12



CRI

80

80

90

90

Appearano (Kelvin)

2700

3000

2700

3000

Finish

White

White

White

White



	2				
ightness .umens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL	MOD
610	50000	45.6	\$0.84	1.83"	3.37"
610	50000	45.6	\$0.84	1.83"	3.37"

45.6

45.6

◆ Compatible with Bracket for 4 in. Slim Recessed Downlights sold separately (Item# 509506913)

50000 \*Based on 3 hrs./day

50000

2.24" \*\*Based on 3 hrs./day 11¢/kWh

2.24"

5.04"

5.04"

All gimbal recessed downlights are compatible with 10 ft. Extension Cord for Slim Recessed Downlights sold separately (Item# 509506931)

Incand. Wattage

65

65

80

80

Color Designation

Warm White

Warm White

Warm White

Warm White

Can be used to comply with the 2016 Title 24, Part 6, high efficacy light source requirements.



#### DIRECT WIRE RECESSED DOWNLIGHTS

7R/3"/LED/DIM/WH/GIMBAL/27

7R/3"/LED/DIM/WH/GIMBAL/30

12R/4"/LED/DIM/WH/GIMBAL/27

12R/4"/LED/DIM/WH/GIMBAL/30

All Direct Wire Recessed LED Downlights are UL Listed.



850

850



\$1.45

\$1.45

50910 50920 50930

	Item No.	Energy Used (Watts)	Domestic Code	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL	MOD
	STEP BA	AFFLE												
24	50860 ♦	7	7R/4"/LED/DIM/DW/FL/27	45	Warm White	White	2700	90	450	40000	36.5	\$0.84	3.15"	5.71"
24	50870 ♦	7	7R/4"/LED/DIM/DW/FL/30	45	Warm White	White	3000	90	450	40000	36.5	\$0.84	3.15"	5.71"
24	50880 ♦	7	7R/4"/LED/DIM/DW/FL/40	45	Cool White	White	4000	90	450	40000	36.5	\$0.84	3.15"	5.71"
	50890 ♦	7	7R/4"/LED/DIM/DW/FL/50	45	Daylight	White	5000	90	450	40000	36.5	\$0.84	3.15"	5.71"
24	50900 ♦	9	9R/6"/LED/DIM/DW/FL/27	65	Warm White	White	2700	90	575	40000	36.5	\$1.08	3.52"	7.48"
24	50910 ♦	9	9R/6"/LED/DIM/DW/FL/30	65	Warm White	White	3000	90	575	40000	36.5	\$1.08	3.52"	7.48"
24	50920 ♦	9	9R/6"/LED/DIM/DW/FL/40	65	Cool White	White	4000	90	575	40000	36.5	\$1.08	3.52"	7.48"
	50930 ♦	9	9R/6"/LED/DIM/DW/FL/50	65	Daylight	White	5000	90	575	40000	36.5	\$1.08	3.52"	7.48"

♦ Wet Location Approved

\*Based on 3 hrs./day

\*\*Based on 3 hrs./day 11¢/kWh

Can be used to comply with the 2016 Title 24, Part 6, high efficacy light source requirements.













	Item No.	Energy Used (Watts)	Lamp Base	Domestic Code	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL	MOD
	SMOOT	H BAFFL	Ε												
	41043	8	Med.	8R/4"/LED/DIM/FL/27	65	Warm White	Frost	2700	80	650	50000	45.6	\$0.96	3.50"	5.04"
3	41041	8	Med.	8R/4"/LED/DIM/FL/30	65	Warm White	Frost	3000	80	650	50000	45.6	\$0.96	3.50"	5.04"
	41040	14	Med.	14R/5"/LED/DIM/FL/27	80	Warm White	Frost	2700	80	1000	50000	45.6	\$1.69	3.54"	6.30"
	41044	14	Med.	14R/5"/LED/DIM/FL/30	80	Warm White	Frost	3000	80	1000	50000	45.6	\$1.69	3.54"	6.30"
	41045	14	Med.	14R/6"/LED/DIM/FL/27	80	Warm White	Frost	2700	80	1000	50000	45.6	\$1.69	3.40"	7.24"
	41046	14	Med.	14R/6"/LED/DIM/FL/30	80	Warm White	Frost	3000	80	1000	50000	45.6	\$1.69	3.40"	7.24"
	SLOPE	STEP B	AFFLE												
	50820	10	Med.	10R/4"/LED/DIM/SLP/FL/27	65	Warm White	Frost	2700	90	650	35000	31.9	\$1.20	3.35"	5.15"
	50830	10	Med.	10R/4"/LED/DIM/SLP/FL/30	65	Warm White	Frost	3000	90	650	35000	31.9	\$1.20	3.35"	5.15"
	50840	13	Med.	13R/6"/LED/DIM/SLP/FL/27	80	Warm White	Frost	2700	90	900	35000	31.9	\$1.57	3.50"	7.28"
	50850	13	Med.	13R/6"/LED/DIM/SLP/FL/30	80	Warm White	Frost	3000	90	900	35000	31.9	\$1.57	3.50"	7.28"

\*Based on 3 hrs./day





#### SPECIALTY 120-277V LAMPS

	Item No. OMNI A2	Energy Used (Watts)	Lamp Base	Domestic Code	Equiv. Incand. Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	Life in Years*	Est. Yearly Energy Cost**	MOL
	51170 ▲	19	Med.	190MNIA21/LED/SW/120-277V/50	125	Daylight	Soft White	5000	80	2000	25000	22.8	\$2.29	5.55"
2	51590 ▲	25	Med.	250MNIA21/LED/SW/120-277V/30	150	Warm White	Soft White	3000	80	2550	25000	22.8	\$3.01	5.47"
	51700 ▲	25	Med.	250MNIA21/LED/SW/120-277V/50	150	Daylight	Soft White	5000	80	2550	25000	22.8	\$3.01	5.47"
	OMNI A2	3												
	51600 ▲	29	Med.	290MNIA23/LED/SW/120-277V/30	200	Warm White	Soft White	3000	80	3050	25000	22.8	\$3.49	6.30"
	51710 ▲	29	Med	290MNIA23/LED/SW/120-277V/50	200	Davlight	Soft White	5000	80	3050	25000	22.8	\$3.49	6.30"

▲ Approved for use in totally enclosed fixtures

\*Based on 3 hrs./day

\*\*Based on 3 hrs./day 11¢/kWh



#### PIN BASE LAMPS

Replacements for 13W, 18W, 32W, and 42W CFL pin-base lamps.





Item No.	Energy Used (Watts)	Lamp Base	Domestic Code	Equiv. CFL Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)*	Avg. Rated Hours	MOL
DIRECT II	NSTALL	HORIZONTAI	L INSTALLATION								
51470 ▲ ▶	9	G24Q GX24Q	9PL/H/LED/DIM/G24Q/30 Direct Install	26	Warm White	White	3000	82	900	50000	5.20"
51480 ▲ ▶	9	G24Q GX24Q	9PL/H/LED/DIM/G24Q/35 Direct Install	26	Warm White	White	3500	82	950	50000	5.20"
51490 ▲ ▶	9	G24Q GX24Q	9PL/H/LED/DIM/G24Q/40 Direct Install	26	Cool White	White	4000	82	1000	50000	5.20"
DIRECT II	NSTALL	VERTICAL IN	STALLATION								
51500 ▲ ▶	9	G24Q GX24Q	9PL/V/LED/DIM/G24Q/30 Direct Install	26	Warm White	White	3000	82	950	50000	4.65"
51510 ▲ 🕽	9	G24Q GX24Q	9PL/V/LED/DIM/G24Q/35 Direct Install	26	Warm White	White	3500	82	1000	50000	4.65"
51520 ▲ ▶	9	G24Q GX24Q	9PL/V/LED/DIM/G24Q/40 Direct Install	26	Cool White	White	4000	82	1050	50000	4.65"

▲ Approved for use in totally enclosed fixtures

Dimmable when used with a compatible dimming ballast.

\* Lumen output is based on ballast type.



#### TWIN TUBE LONG PIN BASE LAMP

IVVIN	IUBE	LONG	PIN BASE LAMP				Twin Tube Long						
Item No.	Energy Used (Watts)	Lamp Base	Domestic Code	Equiv. CFL Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	MOL		
TTL													
52220	23	2G11	23PL/H/LED/2G11/40 Ballast Bypass	40	Cool White	White	4000	82	2800	50000	22.48"		



#### LOW BAY & HIGH BAY LAMPS

These LED Lamps are 120-277V.



<sup>▲</sup> Approved for use in totally enclosed fixtures.



#### UNIVERSAL HIGH LUMEN LAMP











522306930

This LED Lamp is 120-277V.

	Energy			Equiv.				Light			Avg.	
Item No.	Used (Watts)	Lamp Base	Domestic Code	Package Type	HID Wattage	Color Designation	Finish	Appearance (Kelvin)	CRI	Brightness (Lumens)	Rated Hours	MOL
52230 ▲	70	Mogul/Ext. Mogul	70UHL/LED/EX39/50	Box	250	Daylight	White	5000	80	10500	50000	11.57"

▲ Approved for use in totally enclosed fixtures.

See product specification sheet for minimum compartment dimensions.

#### UNIVERSAL HIGH LUMEN LAMP ACCESSORIES

Item No.	Description	Height	Width/ Depth	Length
522306914 *	Microwave Motion Sensor for Universal High Lumen LED 52230 White Finish	1.69"	2.06"	-
522306916 *	Infrared Motion Sensor for Universal High Lumen LED 52230 White Finish	1.69"	2.06"	-
522306917 *	Photocell Sensor for Universal High Lumen LED 52230 White Finish	1.69"	2.06"	-
522306930*	Remote Accessory Cable for Universal High Lumen LED 52230 White Finish	-	-	47.24"

\* SPECIAL ORDER ITEM
CALL YOUR WESTINGHOUSE LIGHTING REPRESENTATIVE FOR ADDITIONAL INFORMATION



All High Lumen LED Lamps are 120-277V.



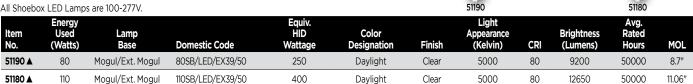
Item No.	Energy Used (Watts)	Lamp Base	Domestic Code	Equiv. Incand. Wattage	Equiv. CFL Wattage	Equiv. HID Wattage	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	MOL
35181▲	16	Med.	16T19/LED/HL/50	125	32	70	Daylight	Clear	5000	80	2400	50000	6.57"
35165 ▲	22	Med.	22T19/LED/HL/50	150	55	100	Daylight	Clear	5000	80	2860	50000	7.09"
35162 ▲	36	Med.	36T30/LED/HL/50	200	65	150	Daylight	Clear	5000	80	4680	50000	8.27"
35163 ▲	45	Med.	45T30/LED/HL/50	300	85	175	Daylight	Clear	5000	80	5850	50000	9.25"
35164 ♣▲	45	Mogul	45T30/LED/HL/E39/50	300	85	175	Daylight	Clear	5000	80	5850	50000	9.25"
35166 ♣▲	54	Mogul	54T30/LED/HL/E39/50	400	105	250	Daylight	Clear	5000	80	7020	50000	10.24"
51540 <b>♦</b> ▲	65	Mogul	65T30/LED/HL/E39/50	450	125	320	Daylight	Clear	5000	80	8450	50000	12.20"
45167 ♣▲	100	Mogul	100T38/LED/HL/E39/50	750	150	400	Daylight	Clear	5000	80	15000	50000	11.10"
35180 ◆▲	120	Mogul	120T38/LED/HL/E39/50	1000	250	800	Daylight	Clear	5000	80	18000	50000	13.46"

<sup>◆</sup> DLC qualified



#### SHOEBOX LAMPS

All Shoebox LED Lamps are 100-277V.

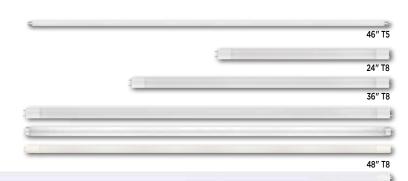


<sup>▲</sup> Approved for use in totally enclosed fixtures.

See product specification sheet for minimum compartment dimensions.

<sup>▲</sup> Approved for use in totally enclosed fixtures.

See product specification sheet for minimum compartment dimensions.



96" T8



### LINEAR LAMPS

All Linear LEI	D Lamps are	UL Classified	and NSF Certified.									
Item No.	Energy Used (Watts)	Lamp Base	Domestic Code	Package Type	Lamp Type Replacement	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	MOL
T5 46 inch	n (DesignL	ights Consc	ortium <sup>®</sup> qualified product)									
43788 ■	25	Mini BiPin	LED 25T5/46"/40 Direct Install	Sleeve	T5	Cool White	Frost	4000	82	3500	50000	46"
43789 ■	25	Mini BiPin	LED 25T5/46"/50 Direct Install	Sleeve	T5	Daylight	Frost	5000	82	3500	50000	46"
50800 ▲ ■	25	Mini BiPin	LED 25T5/46"/40 Ballast Bypass	Sleeve	T5	Cool White	White	4000	80	3300	50000	46"
51530 ▲ ■	25	Mini BiPin	LED 25T5/46"/50 Ballast Bypass	Sleeve	T5	Daylight	White	5000	80	3400	50000	46"
T8 24 inch	(DesignL	ights Consc.	ortium <sup>®</sup> qualified product)									
50390 ▲	8	Med. BiPin	LED 8T8/24"/35 Direct Install	Sleeve	T8	Cool White	Frost	3500	82	1200	50000	24"
50250 ▲	8	Med. BiPin	LED 8T8/24"/40 Direct Install	Sleeve	T8	Cool White	Frost	4000	82	1250	50000	24"
50400 ▲	8	Med. BiPin	LED 8T8/24"/50 Direct Install	Sleeve	T8	Daylight	Frost	5000	82	1250	50000	24"
50430 ▲	9	Med. BiPin	LED 9T8/24"/35 Ballast Bypass	Sleeve	T8 & T12	Cool White	Frost	3500	82	1100	50000	24"
50260 ▲	9	Med. BiPin	LED 9T8/24"/40 Ballast Bypass	Sleeve	T8 & T12	Cool White	Frost	4000	82	1150	50000	24"
50440 ▲	9	Med. BiPin	LED 9T8/24"/50 Ballast Bypass	Sleeve	T8 & T12	Daylight	Frost	5000	82	1150	50000	24"
T8 36 inch	1											
50421▲	10	Med. BiPin	LED 10T8/36"/50 Direct Install	Sleeve	T8	Daylight	Frost	5000	82	1450	50000	36"
50410 ▲	10.5	Med. BiPin	LED 10.5T8/36"/35 Direct Install	Sleeve	T8	Cool White	Frost	3500	82	1400	50000	36"
50270 ▲	10.5	Med. BiPin	LED 10.5T8/36"/40 Direct Install	Sleeve	T8	Cool White	Frost	4000	82	1450	50000	36"
50280 ♦▲	12	Med. BiPin	LED 12T8/36"/40 Ballast Bypass	Sleeve	T8 & T12	Cool White	Frost	4000	82	1450	50000	36"
50460 ♣▲	12	Med. BiPin	LED 12T8/36"/50 Ballast Bypass	Sleeve	T8 & T12	Daylight	Frost	5000	82	1450	50000	36"
T8 48 inch	ı (DesignL	ights Consc	ortium <sup>®</sup> qualified product)									
43851 ♦▲ 🕽	12	Med. BiPin	LED 12T8/48"/DIM/35 Direct Install	Sleeve	T8	Cool White	Frost	3500	82	1700	50000	48"
43739 + 4	12	Med. BiPin	LED 12T8/48"/DIM/40 Direct Install	Sleeve	T8	Cool White	Frost	4000	82	1800	50000	48"
43852 ♦▲ ▶	12	Med. BiPin	LED 12T8/48"/DIM/50 Direct Install	Sleeve	T8	Daylight	Frost	5000	82	1800	50000	48"
53652 ♦▲ ▶	15	Med. BiPin	LED 15T8/48"/DIM/35 Direct Install	Sleeve	T8	Cool White	Frost	3500	82	2100	50000	48"
53653 + 4	15	Med. BiPin	LED 15T8/48"/DIM/40 Direct Install	Sleeve	T8	Cool White	Frost	4000	82	2200	50000	48"
53655 ♦▲ )	15	Med. BiPin	LED 15T8/48"/DIM/50 Direct Install	Sleeve	T8	Daylight	Frost	5000	82	2200	50000	48"
T8 48 inch	n Single-E	nded/Doubl	le-Ended Powered (DesignLights	Consorti	um® qualified	product)						
51550 ♣▲	14.5	Med. BiPin	LED 14.5T8/48"/35 SE/DE Ballast Bypass	Sleeve	T8 & T12	Cool White	Frost	3500	83	1725	50000	48"
51561 ◆▲	14	Med. BiPin	LED 14T8/48"/40 SE/DE Ballast Bypass	Sleeve	T8 & T12	Cool White	Frost	4000	83	1800	50000	48"
51571 ♦▲	14	Med. BiPin	LED 14T8/48"/50 SE/DE Ballast Bypass	Sleeve	T8 & T12	Daylight	Frost	5000	83	1800	50000	48"
51421 ♣▲	17	Med. BiPin	LED 17T8/48"/35 SE/DE Ballast Bypass	Sleeve	T8 & T12	Cool White	Frost	3500	83	2100	50000	48"
51431 ◆▲	17	Med. BiPin	LED 17T8/48"/40 SE/DE Ballast Bypass	Sleeve	T8 & T12	Cool White	Frost	4000	83	2200	50000	48"
51441 ◆▲	17	Med. BiPin	LED 17T8/48"/50 SE/DE Ballast Bypass	Sleeve	T8 & T12	Daylight	Frost	5000	83	2200	50000	48"
T8 96 inch	ı											
04051 ♦▲	43	Single Pin	LED 43T8/96"/40 Ballast Bypass	Bulk	T8 & T12	Cool White	Frost	4000	82	5500	50000	96"
04052 ◆▲	43	Single Pin	LED 43T8/96"/50 Ballast Bypass	Bulk	T8 & T12	Daylight	Frost	5000	82	5500	50000	96"
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<sup>▲</sup> Approved for use in totally enclosed fixtures.

<sup>■</sup> Replace F54T5HO linear fluorescent lamps.

Ballast Bypass lamps are designed to operate on voltages ranging from 120-277V.

<sup>◆</sup> DLC qualified

Dimmable when used with a compatible dimming ballast.



#### U-BENT LINEAR LAMPS

All Linear LED Lamps are UL Classified and NSF Certified.



T8 U-Bent

Item No.	Energy Used (Watts)	Lamp Base	Domestic Code	Package Type	Lamp Type Replacement	Color Designation	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Avg. Rated Hours	MOL
T8 U-Bent	T8 U-Bent (DesignLights Consortium qualified product)											
50290 ▲	15	Med. BiPin	LED 15T8/UB6/40 Direct Install	Вох	T8 U	Cool White	Frost	4000	82	2200	50000	22.84"
50360 ▲	15	Med. BiPin	LED 15T8/UB6/50 Direct Install	Вох	T8 U	Daylight	Frost	5000	82	2200	50000	22.84"
50370 ▲	18	Med. BiPin	LED 18T8/UB6/35 Ballast Bypass	Box	T8 & T12 U	Cool White	Frost	3500	82	2100	50000	22.84"
50300 ▲	18	Med. BiPin	LED 18T8/UB6/40 Ballast Bypass	Вох	T8 & T12 U	Cool White	Frost	4000	82	2200	50000	22.84"
50380 ▲	18	Med. BiPin	LED 18T8/UB6/50 Ballast Bypass	Box	T8 & T12 U	Daylight	Frost	5000	82	2200	50000	22.84"

<sup>▲</sup> Approved for use in totally enclosed fixtures.

Ballast Bypass lamps are designed to operate on voltages ranging from 120-277V.

## YouTube Videos



#### Visit Our YouTube Channel for LED Educational Videos

https://www.youtube.com/c/Westinghouselighting

In just a few minutes, learn more about these LEDs by watching our brief videos.



#### Overview Installation of a Round Recessed LED Downlight Unit

Short overview of how to install a Round Recessed LED Downlight unit



#### Overview Installation of a Direct Wire Recessed LED Stepped Baffle LED Unit

Short overview video - How to install
Direct Wire Recessed LED Step Baffle Unit



#### Overview installation of a Slim Recessed LED Downlight Unit

Short overview video - How to install a Slim LED Recessed Downlight Unit.



#### 4 ft TLED Informational Video

General information about Westinghouse TLED linear direct install and ballast bypass lamps.



#### Universal TLED Informational Video

Short overview of Linear TLED Universal lamps that operate on both single-ended and double-ended wiring.



#### 8 ft T8 LED Ballast Bypass Installation Overview Educational Video

General overview of a ballast bypass installation for use with Westinghouse ballast bypass 8 ft T8 LEDs.



#### 4 ft T8 LED Ballast Bypass Installation Overview Educational Video

T8 Ballast Bypass LEDs can replace traditional fluorescent T8 lamps but installation requires knowledge of fluorescent lighting fixtures and electrical systems.



#### Linear Fluorescent TLED Single Ended Retrofit Overview

This informative tutorial gives a short overview of a Linear Fluorescent Fixture Retrofit - Convert for ballast bypass TLED lamp with single-ended wiring.



#### 4 ft T8 LED Direct Install Installation Overview Educational Video

Westinghouse T8 Direct Install LEDs can easily replace traditional fluorescent T8 lamps.



## HID to High Lumen LED Conversion Video

This informative tutorial includes the conversion of a parking lot light from a metal halide HID to an energy-efficient high lumen LED lamp.



#### TLED Informational Video

This informative video includes general information about Westinghouse TLED linear fluorescent direct install and ballast bypass lamps.



#### T8 LED Ballast Bypass Installation Overview

Installation requires knowledge of fluorescent lighting fixtures and electrical systems. Be sure to read the instruction manual that comes with the Ballast Bypass bulbs.

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# Westinghouse Lighting



























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