

2018 Midstream Lighting Product Catalog



MIDSTREAM LIGHTING PRODUCTS			
Product Code	Product Description	Rebate/Unit	Page #
463993	Interior 4' LED T8 Lamp	\$5.00/Lamp	4
462649	Commercial LED Candelabra 2 Watts <i>Offered until 6/30/2018</i>	\$7.00/Lamp	
462612	Commercial LED Candelabra 5 Watts <i>Offered until 6/30/2018</i>		
462530	Commercial LED Screw-in PAR20 8 to 14 Watts <i>Offered until 6/30/2018</i>	\$10.00/Lamp	5
462550	Commercial LED Screw-in PAR30 13 to 21 Watts <i>Offered until 6/30/2018</i>		
462558	Commercial LED Screw-in PAR38 17 Watts <i>Offered until 6/30/2018</i>		
462536	Commercial LED Screw-in R30 13 to 25 Watts <i>Offered until 6/30/2018</i>	\$13.00/Lamp	
462637	Commercial LED Screw-in R40 14 to 15 Watts <i>Offered until 6/30/2018</i>		
462639	Commercial LED Screw-in R40 16 to 25 Watts <i>Offered until 6/30/2018</i>		
464258	Interior LED Troffer (New) - Size 1x4, ≥ 140 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture	\$6.00/KLM <i>\$27.00 max per fixture</i>	5
464261	Interior LED Troffer (Retrofit Kit) - Size 1x4, ≥ 140 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture		
464252	Interior LED Troffer (New) - Size 1x4, 125 to 139 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture	\$5.00/KLM <i>\$22.50 max per fixture</i>	
464255	Interior LED Troffer (Retrofit Kit) - Size 1x4, 125 to 139 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture		
464257	Interior LED Troffer (New) - Size 2x2, ≥ 140 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture	\$6.00/KLM <i>\$27.00 max per fixture</i>	
464260	Interior LED Troffer (Retrofit Kit) - Size 2x2, ≥ 140 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture		
464251	Interior LED Troffer (New) - Size 2x2, 125 to 139 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture	\$4.25/KLM <i>\$19.13 max per fixture</i>	
464254	Interior LED Troffer (Retrofit Kit) - Size 2x2, 125 to 139 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture		
464256	Interior LED Troffer (New) - Size 2x4, ≥ 140 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture	\$6.00/KLM <i>\$27.00 max per fixture</i>	
464259	Interior LED Troffer (Retrofit Kit) - Size 2x4, ≥ 140 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture		
464250	Interior LED Troffer (New) - Size 2x4, 125 to 139 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture	\$5.00/KLM <i>\$22.50 max per fixture</i>	
464253	Interior LED Troffer (Retrofit Kit) - Size 2x4, 125 to 139 LPW Rebate is calculated per kilolumen, not to exceed 4.5 kilolumens per fixture		

GENERAL REQUIREMENTS

- Customer must have a San Diego Gas & Electric[®] (SDG&E[®]) commercial electric account.
- Carefully read the specifications and definitions to determine whether your product(s) qualify.
- All new lighting fixture(s), retrofit kits, and components must carry the appropriate, designated Underwriters Laboratory (UL) or Intertek's Electrical Testing Labs (ETL) Listed Mark, and must be Restriction of Hazardous Substances Directive (RoHS) compliant.
- In all cases, the wattage of the replacement lighting equipment must be less than the wattage of the existing lighting equipment.
- All fixtures must be hardwired.

Note:

Several products offered through the Energy Efficiency Business Rebates program are provided at no cost or at a discount for qualified customers through SDG&E's Business Energy Solutions program. Customers with a monthly electrical demand less than 200 kW may participate and should visit sdge.com/BES or call our Energy Savings Center at 1-800-644-6133 for details.

LIGHTING DEFINITIONS

Candelabra Base

A smaller screw-in base for light bulbs with a 12-millimeter diameter, referred also as an E12 base.

Edison Base

The most common screw-in base for light bulbs with a 26-millimeter diameter, referred also as an E26 (or medium) base.

ETL Listed Mark

A product bearing the ETL Listed Mark has been tested to be in compliance with applicable electric, gas and other safety standards. For more information, visit www.interkek.com/marks/etl.

Luminaire**

Complete lighting unit consisting of lamp(s) and the parts that distribute the light, position and protect the lamp(s), and connect the lamp(s) to the power supply.

Underwriters Laboratory (UL)

An independent product safety certification organization. For more information, visit UL.com.

***Defined per 2013 Building Energy Efficiency Standards for Residential and Non-Residential Buildings Title 24, Part 6*

2018 Midstream Lighting Product Catalog



INTERIOR LED T8 LAMP

Requirements:

- Only interior 4-foot UL Type A LED T8 lamps qualify
- New LED T8 lamp must replace an existing 4-foot linear fluorescent T8 lamp
- The lamp must be listed on <http://www.designlights.org/QPL> under the Primary Use Category “Replacement Lamps (‘plug and play’) (UL Type A)”
- New LED T8 Lamp must also meet the efficiency requirements as show in the table below:

Performance Metric	SDG&E Program Requirement (no tolerance)
Luminaire Efficacy	≥ 110 LPW
CRI	≥ 80
CCT	≤ 5,000K
Power Factor	≥ 0.9
Total Harmonic Distortion	≤ 20% LPW
System Wattage	≤ 17.7 Watts
Minimum Warranty	5 years

Additional Details:

- The LED T8 Lamp specification sheet must also list all the compatible ballast model numbers to ensure proper operation of measure.

Product Code	Product Description	Rebate/Unit
463993	Interior 4’ LED T8 Lamp	\$5.00/Lamp

COMMERCIAL LED CANDELABRA

Requirements:

- **Offered until 6/30/2018**
- New LED lamps must not be detachable.
- Qualifying lamps must be listed on of the following lists:
 - Energy Star, <https://www.energystar.gov/productfinder/product/certified-light-bulbs/results>
- Adapters that convert lamp sockets from one base type to another are not allowed (e.g. GU24 to E26).

Additional Details:

- Rebate based on lamp wattage, not total fixture wattage.

Commercial LED Candelabra Table

Product Code	Product Description	Rebate/Unit
462649	Commercial LED Candelabra 2 Watts	\$7.00/Lamp
462612	Commercial LED Candelabra 5 Watts	

2018 Midstream Lighting Product Catalog



COMMERCIAL LED SCREW-IN PAR & R LAMP

Requirements:

- Offered until 6/30/2018
- New LED lamps must not be detachable.
- Qualifying lamps must be listed on one of the following lists:
 - Energy Star, <https://www.energystar.gov/productfinder/product/certified-light-bulbs/results>
- Adapters that convert lamp sockets from one base type to another are not allowed (e.g. GU24 to E26).
- New LED lamps must be compatible with existing lighting controls and/or fixture components.

Additional Details:

- Rebate based on lamp wattage, not total fixture wattage.

Commercial LED Screw-in PAR & R Lamp Table

Product Code	Product Description	Rebate/Unit
462530	Commercial LED Screw-in PAR20, 8 to 14 Watts	\$10.00/Lamp
462550	Commercial LED Screw-in PAR30, 13 to 21 Watts	
462558	Commercial LED Screw-in PAR38, 17 Watts	
462536	Commercial LED Screw-in R30, 13 to 25 Watts	\$13.00/Lamp
462637	Commercial LED Screw-in R40, 14 to 15 Watts	
462639	Commercial LED Screw-in R40, 16 to 25 Watts	

COMMERCIAL INTERIOR LED TROFFER

Requirements:

- Must be a one for one replacement for a Linear Fluorescent Fixture with T8 or T5 lamps
- Must be a Design Lights Consortium (DLC) approved New Luminaire or an Integrated Retrofit Kit, listed on the qualified product list as Luminaires/Integrated Retrofit Kits for Ambient Lighting of Interior Commercial Spaces in one of the following sizes: 2x4, 2x2, 1x4
- Must be listed as DLC Premium by the Design Lights Consortium, version 4
- DLC-listed initial light output must be ≥ 2200 lm and $\leq 6,500$ lm
- Linear LED replacement lamps do not qualify
- Only Fixtures and Retrofit kits that include new lenses between the LED package and the viewer qualify.
- Self-ballasted or screw-based lamps do not qualify.
- 5-year warranty minimum
- Must meet the minimum efficacy requirements ≥ 125 LPW

DLC requirements for Integrated Retrofit Kits and Luminaires for Ambient Lighting of Interior Commercial Spaces include:

- 5-year warranty
- 50,000 hour L70 Lumen Maintenance
- 36,000 hour L90 Lumen Maintenance
- ≥ 80 Color Rendering Index (CRI)
- DLC requirements have changed to have ≥ 125 lumens / Watt to meet premium qualifications
- ≤ 5000 Kelvin Correlated Color Temperature (CCT)

2018 Midstream Lighting Product Catalog



Restrictions:

- All LED Troffer and Integrated Troffer Retrofit Kit rebates are capped at 4.5 kilolumens per fixture

Interior LED Troffer Table

Product Code	Product Description	Rebate/Unit	Max Rebate
464258	Interior LED Troffer (New) - Size 1x4, >140 LPW	\$6.00/Fixture	\$27.00/Fixture
464261	Interior LED Troffer (Retrofit Kit) - Size 1x4, >140 LPW		
464252	Interior LED Troffer (New) - Size 1x4, 125 to 139 LPW	\$5.00/Fixture	\$22.50/Fixture
464255	Interior LED Troffer (Retrofit Kit) - Size 1x4, 125 to 139 LPW		
464257	Interior LED Troffer (New) - Size 2x2, >140 LPW	\$6.00/Fixture	\$27.00/Fixture
464260	Interior LED Troffer (Retrofit Kit) - Size 2x2, >140 LPW		
464251	Interior LED Troffer (New) - Size 2x2, 125 to 139 LPW	\$4.25/Fixture	\$19.13/Fixture
464254	Interior LED Troffer (Retrofit Kit) - Size 2x2, 125 to 139 LPW		
464256	Interior LED Troffer (New) - Size 2x4, >140 LPW	\$6.00/Fixture	\$27.00/Fixture
464259	Interior LED Troffer (Retrofit Kit) - Size 2x4, >140 LPW		
464250	Interior LED Troffer (New) - Size 2x4, 125 to 139 LPW	\$5.00/Fixture	\$22.50/Fixture
464253	Interior LED Troffer (Retrofit Kit) - Size 2x4, 125 to 139 LPW		

The selection, purchase, and ownership of goods and services are the sole responsibility of the customer. SDG&E makes no representations as to the safety, reliability, and/or efficiency of goods and services selected. SDG&E makes no warranty, whether express or implied, including warranty of merchantability or fitness for any particular purpose, use or application of selected goods and services. The program is funded by California utility customers and administered by SDG&E under the auspices of the California Public Utilities Commission (CPUC). Program funds will be made on a first-come, first-served basis until program funds are no longer available. This program may be modified or terminated without prior notice. The selection, purchase and ownership of goods and services are the sole responsibility of the customer.

The web site links contained herein are provided for information purposes only. SDG&E does not endorse these web sites, or any goods or services offered thereon. Particularly, SDG&E has not verified the privacy policies applicable to these web sites, or determined what actions will be taken by third parties regarding the privacy of visitors. In no event, shall SDG&E be responsible for any third-party web site policies or actions.