

# The Consolidated Edison Commercial and Industrial (C&I) Energy Efficiency Program Prescriptive Interior & Exterior Lighting Guide

V. 1.0

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*This guide and the content herein serve as a reference to the requirements set forth as part of the Consolidated Edison Commercial and Industrial (C&I) Energy Efficiency Program Manual. Since the Program Manual may be amended, this guide defers to any changes made to the Con Edison C&I Energy Efficiency Program Manual until such time this guide is updated.*

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## 1.0 General Requirements:

All prescriptive solid state lighting fixture and retrofit kit projects whose completed application packages are submitted in 2023 are subject to the lighting incentive rates and eligibility requirements described herein.

- Eligibility is based on minimum wattage reduction instead of one-for-one replacement of existing fixture type. Wattage reduction is calculated using the following standardized baseline wattages for the existing luminaire type installed. Wattage reduction is **NOT** calculated based on existing fixture wattage.
- Upgrading and/or replacing existing LED lamps/fixtures are not eligible for incentives.
- De-lamping is not eligible for incentives.
- Fixtures and retrofit kits, excluding LED exit signs and downlights, must be solid-state lighting certified and listed on the Design Lights Consortium (DLC) Qualified Product List (QPL) version 5.1 or later at the time of application to be eligible for the program.
- Exit signs are not DLC/Energy Star listed but must meet all local building code requirements or ENERGY STAR screenshots **must** be submitted to Con Edison as part of the project application package.
- DLC or ENERGY STAR screenshots **must** be submitted to Con Edison as part of the project application package.
- When submitting equipment specifications, please highlight all information relevant to your project, for example, equipment model numbers, wattage, etc. Doing so will help ensure a more efficient review process.
- Projects that trigger energy code and exceed code requirements are eligible for lighting incentive via lighting power density method. Note that prescriptive lighting incentives are **NOT** offered to projects that trigger the energy code.

Lighting Replacement Measures not listed below are presently **NOT** eligible for incentives under the Con Edison C&I Program.

## 2.0 Incentives:

The following are the prescriptive incentives currently offered for LED interior and exterior lighting measures:

- Incentives are based on the DLC category of the product installed.
- There is one incentive price for each type of proposed fixture or retrofit replacement

Replacement Type	Rated Source	Replacement Luminaire Category	Incentive
Fixture	Energy Star	LED Exit Sign	\$14
	DLC	Direct Linear Ambient Luminaires	\$55
	DLC	Linear Ambient Luminaires with Indirect Component	\$55
	DLC	Parking Garage/Fuel Canopy Luminaires	\$125
	DLC	Outdoor Pole/Arm-Mounted Luminaires	\$105
	Energy Star	Downlights w. Screw-In or Pin-Based Lamps	\$25
	DLC	Bollards/Landscape/Accent Flood and Spot Luminaires	\$70
	DLC	Track or Mono-Point Luminaires	\$25
	DLC	High Bay/Low Bay Luminaires	\$95
	DLC	1x4 Luminaires for Ambient Lighting	\$25
	DLC	2x2 Luminaires for Ambient Lighting	\$25
	DLC	2x4 Luminaires for Ambient Lighting	\$55
	DLC	Outdoor Full-Cutoff/Non-Cutoff/Semi-Cutoff Wall-Mounted Luminaires	\$105
Retrofit	DLC	Direct Linear Ambient Luminaires	\$25
	DLC	Linear Ambient Luminaires with Indirect Component	\$25
	DLC	Outdoor Pole/Arm-Mounted Luminaires	\$105
	Energy Star	Downlights w. Screw-In or Pin-Based Lamps	\$14
	DLC	High Bay/Low Bay Luminaires	\$45
	DLC	1x4 Luminaires for Ambient Lighting	\$14
	DLC	2x2 Luminaires for Ambient Lighting	\$14
	DLC	2x4 Luminaires for Ambient Lighting	\$25
	DLC	Outdoor Full-Cutoff/Non-Cutoff/Semi-Cutoff Wall-Mounted Luminaires	\$105

### 3.0 Eligibility and Baselines:

Wattage reduction is calculated using the following standardized baseline wattages for the existing luminaire type installed. Wattage reduction is **NOT** calculated based on existing fixture wattage. This section reviews the various eligible fixture replacement and retrofit kit measures, wattage reduction criteria, and baseline selection.

#### New Fixture Replacement Types

##### 1. LED Exit Sign

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	Energy Star	LED Exit Sign	5

#### Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Exit Sign	Incandescent or CFL Exit Sign	11

##### 2. Direct Linear Ambient Luminaires

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	Direct Linear Ambient Luminaires	20

#### Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
Screw or Pin Based Incandescent	8 Foot 4-Lamp Fluorescent Fixture	272
	Incandescent Fixture ≤60W	37.5
	Incandescent Fixture >60W	116

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture ≤32W	37.5
	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 1-2 Lamp	60
	CFL Long – Biaxial 3-4 Lamp	150
Track or Mono Point	Incandescent Track or Mono Point Luminaires	37.5
High Bay / Low Bay Luminaires	HID Interior Fixture <250W	215
	HID Interior Fixture 250W to 399W	295
	HID Interior Fixture 400W to 999W	457
	HID Interior Fixture ≥1000W	1150
	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
T8 High Bay - 8 Lamp Fluorescent Fixture	304	
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58
	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

### 3. Linear Ambient Luminaires with Indirect Component

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	Linear Ambient Luminaires with Indirect Component	20

#### Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5

Existing Luminaire Category	Luminaire Type	Baseline Wattage
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
Screw or Pin Based Incandescent	Incandescent Fixture ≤60W	37.5
	Incandescent Fixture >60W	116
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture ≤32W	37.5
	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 1-2 Lamp	60
	CFL Long – Biaxial 3-4 Lamp	150
Track or Mono Point	Incandescent Track or Mono Point Luminaires	37.5
High Bay / Low Bay Luminaires	HID Interior Fixture <250W	215
	HID Interior Fixture 250W to 399W	295
	HID Interior Fixture 400W to 999W	457
	HID Interior Fixture ≥1000W	1150
	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
	T8 High Bay - 8 Lamp Fluorescent Fixture	304
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58
	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

#### 4. Parking Garage/Fuel Canopy Luminaires

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	Parking Garage / Fuel Canopy Luminaires	80

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
Parking Garage/Fuel Canopy Luminaires	HID Parking Garage Fixture ≤100W	95
	HID Parking Garage Fixture 101W to 249W	215
	HID Parking Garage Fixture ≥250W	295
High Bay / Low Bay Luminaires	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
	T8 High Bay - 8 Lamp Fluorescent Fixture	304
Troffers	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

**5. Outdoor Pole/ Arm-Mounted Luminaires**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	Outdoor Pole / Arm-Mounted Luminaires	150

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Outdoor Pole Mounted Luminaires	HID Pole Fixture 101W to 249W	215
	HID Pole Fixture 250W to 399W	295
	HID Pole Fixture 400W to 999W	457
	HID Pole Fixture ≥1000W	1150

**6. Downlights with Screw-In or Pin-Based Lamps**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	Energy Star	Downlights with Screw-In or Pin Based Lamps	60



**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
Screw or Pin Based Incandescent	Incandescent Fixture >60W	116
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 3-4 Lamp	150
Troffers	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

**7. Bollards/Landscape/Accent Flood and Spot Luminaires**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	Bollards/Landscape/Accent Flood and Spot Luminaires	100

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
	HID Exterior Fixture 101 - 249 Watts	215
	HID Exterior Fixture ≥ 250 Watts	295

**8. Track or Mono-Point Luminaires**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	Track or Mono-Point Luminaires	20

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
Screw or Pin Based Incandescent	Incandescent Fixture ≤60W	37.5
	Incandescent Fixture >60W	116
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture ≤32W	37.5
	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 1-2 Lamp	60
	CFL Long – Biaxial 3-4 Lamp	150
Track or Mono Point	Incandescent Track or Mono Point Luminaires	37.5
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58
	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

**9. High Bay/Low Bay Luminaires**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	High Bay / Low Bay Luminaires	100

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 2-Lamp Fluorescent Fixture	136

Existing Luminaire Category	Luminaire Type	Baseline Wattage
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
High Intensity Discharge (HID) Exterior Fixtures	HID Exterior Fixture 101 - 249 Watts	215
	HID Exterior Fixture ≥ 250 Watts	295
High Bay / Low Bay Luminaires	HID Interior Fixture <250W	215
	HID Interior Fixture 250W to 399W	295
	HID Interior Fixture 400W to 999W	457
	HID Interior Fixture ≥1000W	1150
	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
T8 High Bay - 8 Lamp Fluorescent Fixture	304	

### 10. 1x4 Luminaires for Ambient Lighting

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	1x4 Luminaires for Ambient Lighting	15

#### Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 1-Lamp Fluorescent Fixture	17
	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
Screw or Pin Based Incandescent	Incandescent Fixture ≤60W	37.5
	Incandescent Fixture >60W	116
	CFL Fixture ≤32W	37.5

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 1-2 Lamp	60
	CFL Long – Biaxial 3-4 Lamp	150
Track or Mono Point	Incandescent Track or Mono Point Luminaires	37.5
High Intensity Discharge (HID) Exterior Fixtures	HID Exterior Fixture ≤100W	95
	HID Exterior Fixture 101 - 249 Watts	215
	HID Exterior Fixture ≥ 250 Watts	295
High Bay / Low Bay Luminaires	HID Interior Fixture <250W	215
	HID Interior Fixture 250W to 399W	295
	HID Interior Fixture 400W to 999W	457
	HID Interior Fixture ≥1000W	1150
	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
	T8 High Bay - 8 Lamp Fluorescent Fixture	304
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58
	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

### 11. 2x2 Luminaires for Ambient Lighting

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	2x2 Luminaires for Ambient Lighting	20

#### Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5

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Existing Luminaire Category	Luminaire Type	Baseline Wattage
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
Screw or Pin Based Incandescent	Incandescent Fixture ≤60W	37.5
	Incandescent Fixture >60W	116
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture ≤32W	37.5
	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 1-2 Lamp	60
	CFL Long – Biaxial 3-4 Lamp	150
Track or Mono Point	Incandescent Track or Mono Point Luminaires	37.5
High Intensity Discharge (HID) Exterior Fixtures	HID Exterior Fixture ≤100W	95
	HID Exterior Fixture 101 - 249 Watts	215
	HID Exterior Fixture ≥ 250 Watts	295
High Bay / Low Bay Luminaires	HID Interior Fixture <250W	215
	HID Interior Fixture 250W to 399W	295
	HID Interior Fixture 400W to 999W	457
	HID Interior Fixture ≥1000W	1150
	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
	T8 High Bay - 8 Lamp Fluorescent Fixture	304
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58
	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

12. 2x4 Luminaires for Ambient Lighting

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	2x4 Luminaires for Ambient Lighting	20

Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272
Screw or Pin Based Incandescent	Incandescent Fixture ≤60W	37.5
	Incandescent Fixture >60W	116
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture ≤32W	37.5
	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 1-2 Lamp	60
	CFL Long – Biaxial 3-4 Lamp	150
High Intensity Discharge (HID) Exterior Fixtures	HID Exterior Fixture ≤100W	95
	HID Exterior Fixture 101 - 249 Watts	215
	HID Exterior Fixture ≥ 250 Watts	295
High Bay / Low Bay Luminaires	HID Interior Fixture <250W	215
	HID Interior Fixture 250W to 399W	295
	HID Interior Fixture 400W to 999W	457
	HID Interior Fixture ≥1000W	1150
	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
	T8 High Bay - 8 Lamp Fluorescent Fixture	304

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58
	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

### 13. Outdoor Full-Cutoff/Non-Cutoff/Semi-Cutoff Wall-Mounted Luminaires

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Fixture	DLC	Outdoor Full-Cutoff/Non-Cutoff/Semi-Cutoff Wall-Mounted Luminaires	150

#### Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Wall Packs	HID Exterior Wall Pack Fixture 101W to 399W	242
	HID Exterior Wall Pack Fixture ≥400W	455

#### Retrofit Replacement Types

### 14. Direct Linear Ambient Luminaires

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	Direct Linear Ambient Luminaires	20

#### Baseline from which Minimum Wattage Reduction is Calculated

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68

Existing Luminaire Category	Luminaire Type	Baseline Wattage
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272

**15. Ambient Luminaires with Indirect Component**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	Linear Ambient Luminaires with Indirect Component	20

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Linear Ambient Luminaires	2 Foot 2-Lamp Fluorescent Fixture	36
	2 Foot 3-Lamp Fluorescent Fixture	55
	2 Foot 4-Lamp Fluorescent Fixture	74
	4 Foot 1-Lamp Fluorescent Fixture	29.5
	4 Foot 2-Lamp Fluorescent Fixture	57
	4 Foot 3-Lamp Fluorescent Fixture	84.5
	4 Foot 4-Lamp Fluorescent Fixture	112
	8 Foot 1-Lamp Fluorescent Fixture	68
	8 Foot 2-Lamp Fluorescent Fixture	136
	8 Foot 3-Lamp Fluorescent Fixture	204
	8 Foot 4-Lamp Fluorescent Fixture	272

**16. Replacement Luminaire Category: Outdoor Pole/ Arm Mounted Luminaires**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	Outdoor Pole / Arm-Mounted Luminaires	150

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
	HID Pole Fixture 101W to 249W	215
	HID Pole Fixture 250W to 399W	295
	HID Pole Fixture 400W to 999W	457
	HID Pole Fixture ≥1000W	1150



**17. Downlights with Screw-In or Pin-Based Lamps**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	Downlights with Screw-In or Pin Based Lamps	60

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Screw or Pin Based Incandescent	Incandescent Fixture >60W	116
Screw or Pin Based Compact Fluorescent Lights (CFLs)	CFL Fixture >32W	116
	CFL Short - 1-2 Lamp	65
	CFL Short - 3-4 Lamp	90
	CFL Long – Biaxial 3-4 Lamp	150

**18. High Bay/Low Bay Luminaires**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	High Bay / Low Bay Luminaires	100

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
High Bay / Low Bay Luminaires	HID Interior Fixture <250W	215
	HID Interior Fixture 250W to 399W	295
	HID Interior Fixture 400W to 999W	457
	HID Interior Fixture ≥1000W	1150
	T5 High Bay - 2 Lamp Fluorescent Fixture	117
	T5 High Bay - 3 Lamp Fluorescent Fixture	179
	T5 High Bay - 4 Lamp Fluorescent Fixture	234
	T8 High Bay - 4 Lamp Fluorescent Fixture	152
	T8 High Bay - 6 Lamp Fluorescent Fixture	226
	T8 High Bay - 8 Lamp Fluorescent Fixture	304

**20. 1x4 Luminaires for Ambient Lighting**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	1x4 Luminaires for Ambient Lighting	15

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58

**21. 2x2 Luminaires for Ambient Lighting**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	2x2 Luminaires for Ambient Lighting	20

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Troffers	2x2 Troffer - 2 Lamp Fluorescent Fixture	70

**22. 2x4 Luminaires for Ambient Lighting**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	2x4 Luminaires for Ambient Lighting	30

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Troffers	1x4 Troffer - 1 Lamp Fluorescent Fixture	37
	1x4 Troffer - 2 Lamp Fluorescent Fixture	58
	2x2 Troffer - 2 Lamp Fluorescent Fixture	70
	2x4 Troffer - 2 Lamp Fluorescent Fixture	71
	2x4 Troffer - 3 Lamp Fluorescent Fixture	84
	2x4 Troffer - 4 Lamp Fluorescent Fixture	113

**23. Outdoor Full-Cutoff/Non-Cutoff/Semi-Cutoff Wall-Mounted Luminaires**

Replacement Type	Rated Source	Proposed Luminaire Category	Minimum Wattage Reduction
Retrofit	DLC	Outdoor Full-Cutoff/Non-Cutoff/Semi-Cutoff Wall-Mounted Luminaires	150

**Baseline from which Minimum Wattage Reduction is Calculated**

Existing Luminaire Category	Luminaire Type	Baseline Wattage
Wall Packs	HID Exterior Wall Pack Fixture 101W to 399W	242
	HID Exterior Wall Pack Fixture ≥400W	455

## 4.0 Eligibility Examples

Type of Equipment to be Replaced / Retrofitted	Replacement Category	Quantity of Equipment Being Replaced	Actual Wattage of Equipment Being Replaced	Baseline Wattage <sup>1</sup>	New Equipment Being Installed	Quantity of New Equipment	Wattage of New Equipment	Wattage Reduction <sup>2</sup>	Minimum Wattage Reduction Based on New Equipment	Eligible for Incentives?	Incentive Rate <sup>3</sup>	Incentive
4 Foot 2-Lamp Fluorescent Fixture Replacement	Fixture Replacement	100	72	57	4 Foot Direct Linear Ambient Luminaires	100	44	57 – 44 = 13	20	Not Eligible	N/A	
2x2 Troffer - 2 Lamp Fluorescent Fixture Replacement	Retrofit Kit	40	80	70	2x2 Luminaires for Ambient Lighting	40	23	70 – 23 = 47	20	Eligible	\$20/Fixture	40 x \$20 = \$800
2x4 Troffer - 4 Lamp Fluorescent Fixture Replacement	Fixture Replacement	25	128	113	2x2 Luminaires for Ambient Lighting	50	40	113 – 40 = 73	20	Eligible	\$40/Fixture	50 x \$40 = \$2,000
Incandescent Fixture >60W Replacement	Fixture Replacement	14	75	116	Energy Star Downlights	40	15	116 – 15 = 111	60	Not Eligible <sup>3</sup>	N/A	

<sup>1</sup> Baseline wattages should be selected from Section 3.0 above

<sup>2</sup> Wattage Reduction = Baseline Wattage – Wattage of New Equipment

<sup>3</sup> Incentive rates are based on proposed fixture/retrofit to be installed

<sup>4</sup> Projects with an existing fixture quantity that does not equal the proposed quantity would be evaluated by Con Edison on a case-by-case basis to determine whether energy code is triggered. If energy code is triggered and code requirements exceeded, the project would then be eligible for lighting incentives under the Lighting Power Density (LPD) method (and not eligible for prescriptive lighting incentives).

## 5.0 Frequently Asked Questions

1. **Question:** Are lighting incentive rates based on existing fixtures being replaced/retrofitted or on proposed equipment?

**Answer:** Lighting incentives are based on the proposed fixture replacement/retrofit category and quantity.

2. **Question:** How do we calculate energy savings and determine eligibility for new lighting projects?

**Answer:** Applicants should use the C&I Lighting Calculator to determine eligibility of fixture replacements and/or retrofits as well as calculate energy savings and incentives. This calculator is excel-based and can be downloaded directly from the C&I program website.

3. **Question:** Should minimum wattage reduction be calculated based on existing fixture wattage?

**Answer:** No, minimum wattage reduction is calculated using standardized program baseline wattages for the existing fixture type installed. Wattage reduction calculations do not consider the existing fixture wattage.

4. **Question:** Based on the standardized program baseline wattage specified for my existing equipment type and my new equipment wattage, I do not meet the program's minimum wattage reduction requirements. However, my existing equipment wattage is much higher than the standardized program baseline wattage. Can I use my existing equipment wattage for the purposes of eligibility?

**Answer:** No, eligibility is based on wattage reduction calculated using standardized program baseline wattages for the existing fixture type installed. Wattage reduction calculations do not consider the existing fixture wattage.

5. **Question:** Is de-lamping eligible for incentives? Does a LED proposed measure replacing a LED existing qualify for incentives?

**Answer:** De-lamping and LED to LED replacement are not eligible for incentives through the C&I Energy Efficiency Program.

6. **Question:** Are gut renovation projects or projects triggering code eligible for prescriptive lighting incentives?

**Answer:** Gut Renovations and projects that trigger energy code are eligible for lighting incentives via lighting power density (LPD) method. Refer to the Con Edison Commercial and Industrial Energy Efficiency Program Manual for more information on LPD incentives. Prescriptive lighting incentives are NOT offered to projects that trigger the energy code.