

PHILIPS

LED lamps

Ultra Efficient



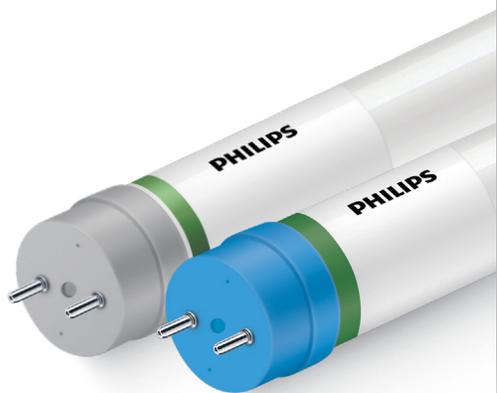
Experience Ultra
Energy Savings





Start saving money, energy, and reducing waste now.

Philips Ultra Efficient lamps will become the new standard in lighting as we push the boundaries of LED Lamp efficacy and sustainability.



Our most energy efficient LED lamps **offer 30% energy savings** compared to standard LED¹ and **60%** compared to conventional lamps². Get payback in less than a year while reducing carbon emissions.³

Learn more about additional LED Lamps offerings at: www.philips.com/LEDlamps

1. UE vs 16.5W Philips contractor grade TLED, the Ultra Efficient MainsFit TLED saves 30% (16.5W-11.5W)/16.5W.
UE vs 11.5W Philips CorePro TLED, the Ultra Efficient MainsFit TLED saves 20% (14.5W-11.5W)/14.5W.

2. When compared to Conventional lamps UE vs 32W conventional T8, the Ultra Efficient MainsFit TLED saves 64% (32W-11.5W)/32W.

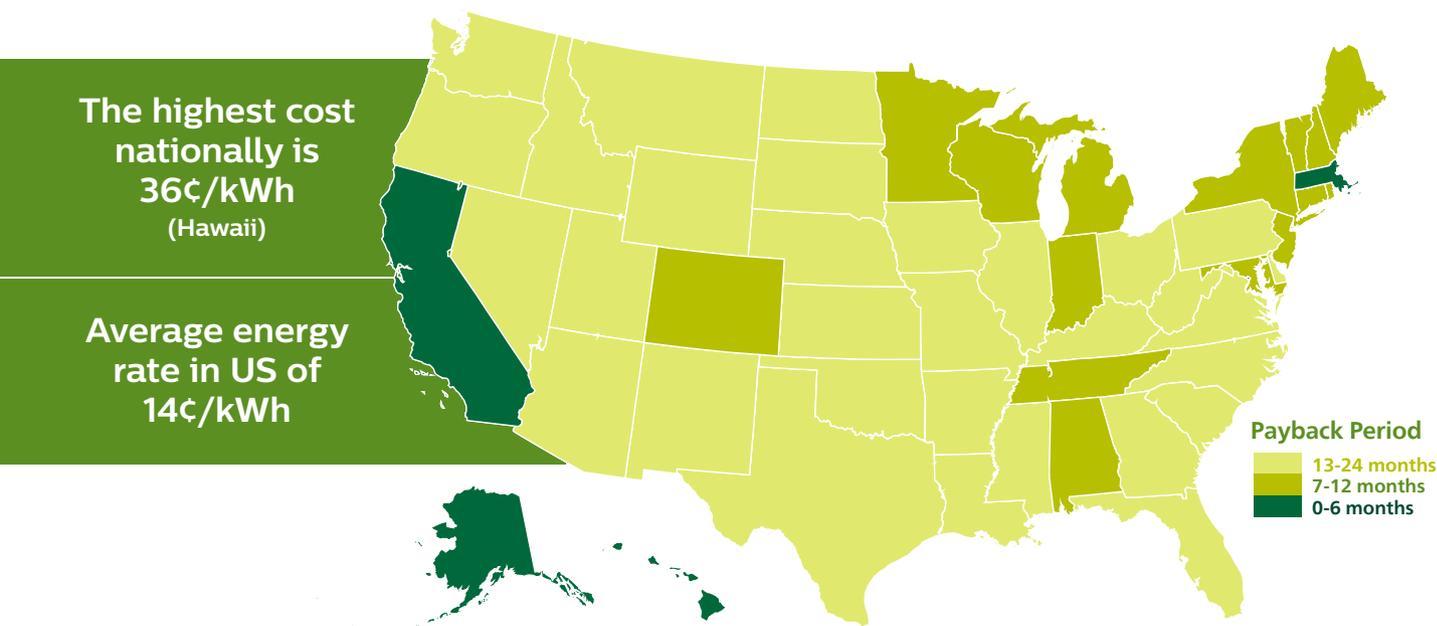
3. Total product life-cycle impact on environment as referenced in the EPD (Environmental Protection Declaration) found in the Philips.com/LedLamps website by lamp.

Ultra Efficient lamps

Paving the way for the new standard in lighting

Philips Ultra Efficient LED lamps help customers realize significant energy savings compared to standard lamps and offers efficacy up to 190LPW.

Given the current rising energy costs, greater energy efficiency is becoming more critical. Today's robust Philips UE range of lamps includes LED Tubes, PARs, Reflectors, Bulbs and Candles.



Ultra Efficient Payback 2100lm/11.5W

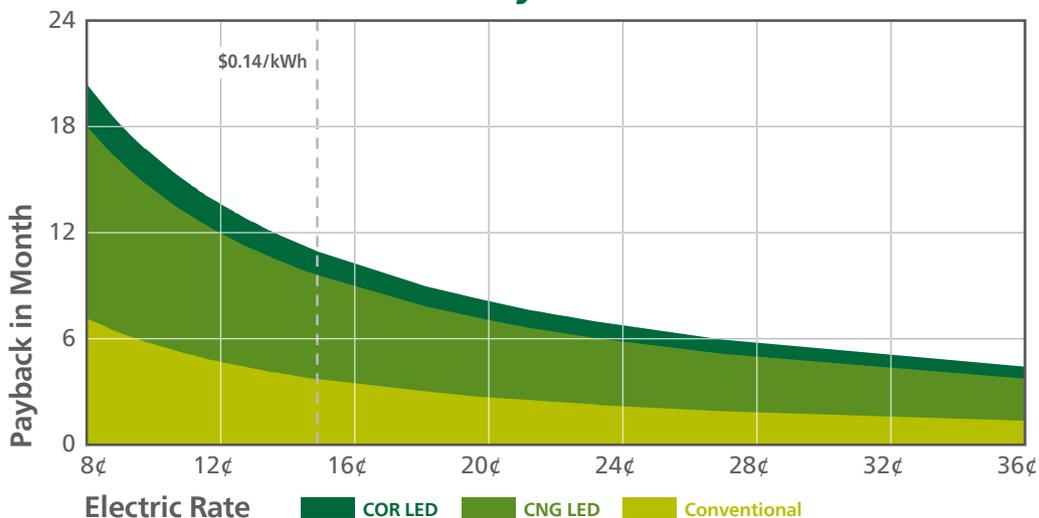


Chart and map payback assumptions:

1. Estimated lamps cost: (UE = \$7.00, COR = \$5.25, CNG = \$4.50, Conv TL = \$3.00)
2. 12hrs/day, 365 days/year = 4.38kW/year
3. No conventional relamping costs
4. Comparing 2100 lumen TLEDs
5. UE vs 16.5W Philips contractor grade TLED, the Ultra Efficient MainsFit TLED saves 30% (16.5W-11.5W)/16.5W
6. UE vs 11.5W Philips CorePro TLED, the Ultra Efficient MainsFit TLED saves 20% (14.5W-11.5W)/14.5W
7. UE vs 32W conventional TL, the Ultra Efficient MainsFit TLED saves 64% (32W-11.5W)/32W

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InstantFit (Type A)

4ft T8 LED

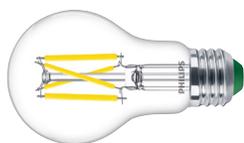
Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifespan (hrs)
929004255104	605147	10.9T8/MAS/48-835/IF20/G/DIM UE 25/1	10.9	2000	80	3500	50,000
929004255204	605150	10.9T8/MAS/48-840/IF21/G/DIM UE 25/1	10.9	2100	80	4000	50,000
929004255304	605160	10.9T8/MAS/48-850/IF21/G/DIM UE 25/1	10.9	2100	80	5000	50,000



MainsFit (Type B)

4ft T8 LED

Product No. (6nc)	Model No. (12nc)	Description	Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifespan (hrs)
929003794804	590224	9.5T8/MAS/48-835/MF17/G/DIM UE 25/1	9.5	1700	80	3500	50,000
929003794904	588608	9.5T8/MAS/48-840/MF18/G/DIM UE 25/1	9.5	1810	80	4000	50,000
929003795004	588616	9.5T8/MAS/48-850/MF18/G/DIM UE 25/1	9.5	1810	80	5000	50,000
929004282804	607457	11.5T8/MAS/48-835/MF21/G/DIM UE 25/1	11.5	2100	80	3500	50,000
929004282904	607465	11.5T8/MAS/48-840/MF21/G/DIM UE 25/1	11.5	2100	80	4000	50,000
929004283004	607473	11.5T8/MAS/48-850/MF21/G/DIM UE 25/1	11.5	2100	80	5000	50,000



Bulbs

A19 LED

Product No. (6nc)	Model No. (12nc)	Description	Lamps per SKU	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifespan (hrs)
929003765203	592410	5A19/UE/927/CL/G/E26/D T20 3/4CT	4	5	60	850	90	2700	50,000
929003765293	582593	5A19/UE/927/CL/G/E26/D T20 4/2PF	2	5	60	850	90	2700	50,000
929003744403	592436	5A19/UE/927/FR/G/E26/D T20 3/4CT	4	5	60	850	90	2700	50,000
929003765403	592428	5A19/UE/950/CL/G/E26/D T20 3/4CT	4	5	60	850	90	5000	50,000
929003765493	582601	5A19/UE/950/CL/G/E26/D T20 4/2PF	2	5	60	850	90	5000	50,000
929003744503	592444	5A19/UE/950/FR/G/E26/D T20 3/4CT	4	5	60	850	90	5000	50,000
929003765393	587873	8.9A19/UE/927/CL/G/E26/D T20 3/1PF	1	8.9	100	1520	90	2700	50,000
929003765303	592451	8.9A19/UE/927/CL/G/E26/D T20 4/2PF	2	8.9	100	1520	90	2700	50,000
929004234603	592121	8.9A19/UE/927/FR/G/E26/D T20 4/2PF	2	8.9	100	1520	90	2700	50,000
929003765593	587881	8.9A19/UE/950/CL/G/E26/D T20 3/1PF	1	8.9	100	1520	90	5000	50,000
929003765503	592469	8.9A19/UE/950/CL/G/E26/D T20 4/2PF	2	8.9	100	1520	90	5000	50,000
929004234703	592139	8.9A19/UE/950/FR/G/E26/D T20 4/2PF	2	8.9	100	1520	90	5000	50,000

DLC Notes:

When compared to DLC minimum efficacy of 120 lm/W, the Philips Ultra-efficient TLED at 190 lm/W is 58% more efficacious $(190-120)/120 = 58\%$. The Philips MainsFit Ultra-efficient TLED saves 5.5W for an 1800 lumen TLED: $1800 \text{ lm} @ 120 \text{ lm/W} = 15\text{W}$. $1810 \text{ lm} @ 190 \text{ lm/W} = 9.5\text{W}$.

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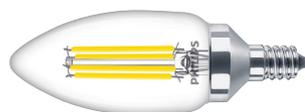
PARs
PAR38 LED

Product No. (6nc)	Model No. (12nc)	Description	Lamps per SKU	Watts (W)	Beam Angle	Lumens (lm)	CRI (min)	CCT (K)	Lifespan (hrs)
929003740803	606715	6PAR38/90W/UE/930/40D/D/G/ULW/E26/T20/2P	2	6	40	950	90	3000	50,000



Reflectors
BR30 LED

Product No. (6nc)	Model No. (12nc)	Description	Lamps per SKU	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifespan (hrs)
929003585403	581678	4.5BR30/UE/930/P/E26/D/T20 1PF/3 SRP	3	4.5	65	650	90	3000	50,000
929003585503	581686	4.5BR30/UE/950/P/E26/D/T20 1PF/3 SRP	3	4.5	65	650	90	5000	50,000



Candles
BR11 LED

Product No. (6nc)	Model No. (12nc)	Description	Lamps per SKU	Watts (W)	Replace Watts (W)	Lumens (lm)	CRI (min)	CCT (K)	Lifespan (hrs)
929004234803	592147	3B11/UE/927/CL/G/E12/D T20 4/3PF	3	3	60	510	90	2700	50,000
929004234903	592154	3B11/UE/950/CL/G/E12/D T20 4/3PF	3	3	60	510	90	5000	50,000

1. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70). Lamps rated 50,000 hours is for bare lamp without fixture. MasterClass corn cob LED HID replacement lamps are damp location rated and suitable for enclosed fixtures.

DLC Notes:

When compared to DLC minimum efficacy of 120 lm/W, the Philips Ultra-efficient TLED at 190 lm/W is 58% more efficacious $(190-120)/120 = 58\%$. The Philips MainsFit Ultra-efficient TLED saves 5.5W for an 1800 lumen TLED: $1800 \text{ lm} @ 120 \text{ lm/W} = 15\text{W}$. $1810 \text{ lm} @ 190 \text{ lm/W} = 9.5\text{W}$.



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