



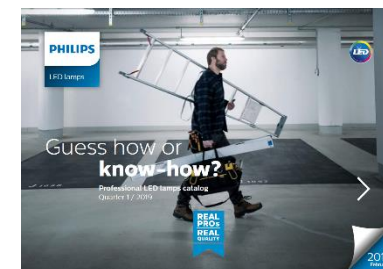
TrueForce LED

- po prostu doskonałe LED'y!

Więcej informacji... =>



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Pobierz cennik... =>

PHILIPS

Obszary najczęstszych modernizacji z szybkim zwrotem z inwestycji

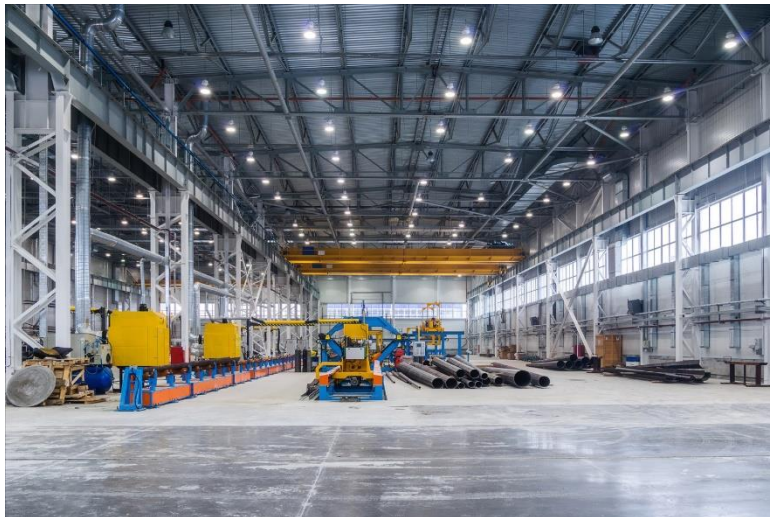
Sprzedaż detaliczna:

- Galerie handlowe
- Pasaże



Przemysł:

- Hale produkcyjne
- Hale magazynowe



Zdrowie i sport:

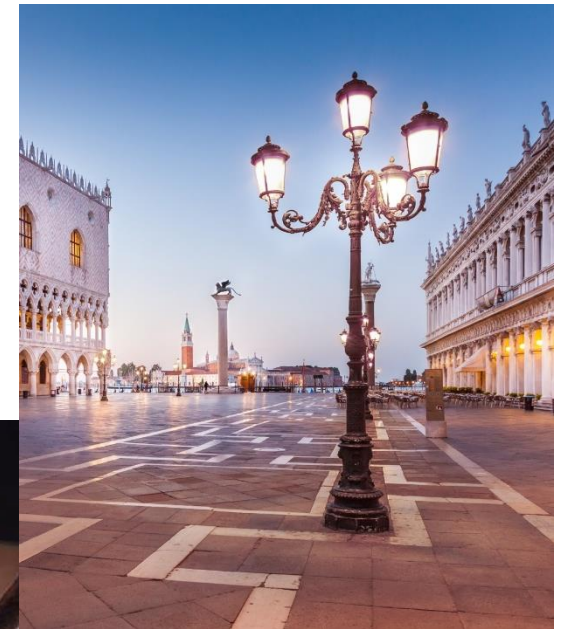
- Obiekty rekreacyjne
- Sale gimnastyczne
- Siłownie
- Fitness kluby



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Przestrzenie publiczne:

- Ulice, parkingi
- Parki, skwery
- Spółdzielnie mieszkaniowe
- Centra kongresowe, hotele
- Stacje paliw



TrueForce LED Industrial & Retail

- Szybkie i łatwe przejście na technologię LED w oprawach z lampami (**HPI/SON/HPL**) bez konieczności zmiany opraw i osprzętu zasilającego
- Energooszczędność aż do **65%** w porównaniu z oprawami na lampy wyładowcze
- Szybki zwrot kosztów inwestycji
- Długi okres eksploatacji - **50 000 godzin**
- Białe światło wysokiej jakości (**4 000 K/CRI 80**)
- Szeroki i wąski kąt świecenia
- Zawieszka bezpieczeństwa w komplecie

TrueForce LED Road

- Szybkie i łatwe przejście na technologię LED w oprawach z lampami **SON** bez konieczności zmiany opraw i osprzętu zasilającego
- Energooszczędność aż do **50 %** w porównaniu z oprawami na lampy wyładowcze
- Szybki zwrot kosztów inwestycji
- Długi okres eksploatacji - **50 000 godzin**
- Białe światło wysokiej jakości (**3 000 K/ 4 000 K/CRI 70**)

TrueForce LED Urban

- Szybkie i łatwe przejście na technologię LED w oprawach z lampami **HPL (80W, 125W)** – bezpośrednia wymiana
- Energooszczędność aż do **75 %** w porównaniu z oprawami na lampy wyładowcze
- Szybki zwrot kosztów inwestycji
- Długi okres eksploatacji - **50 000 godzin**
- Białe światło wysokiej jakości (**3 000 K/ 4 000 K/CRI 80**)

TrueForce Core LED Urban & Industrial & Retail

- Szybkie i łatwe przejście na technologię LED w oprawach z lampami **HID** – bezpośrednia wymiana
- Energooszczędność aż do **65 %** w porównaniu z oprawami na lampy wyładowcze
- Szybki zwrot kosztów inwestycji
- Długi okres eksploatacji – do **25 000 godzin**
- Białe światło wysokiej jakości (**3 000 K/ 4 000 K/CRI 80**)

TrueForce LED

- po prostu doskonałe LED'y!

Kliknij w obrazek i poznaj źródła TrueForce:

**TrueForce LED
do oświetlenia
przestrzeni
publicznych
(przestrzeń
miejska/drogi —
HPL/SON)**



do 6 000lm

**TrueForce Core LED
do oświetlania
przestrzeni
publicznych
(przestrzeń
miejska/drogi —
HPL/SON)**



do 5 000lm

TrueForce LED
do oświetlenia przestrzeni publicznej
(drogi publiczne — SON)



zamiennik do SON 50W/70W/100W/150W

Uwaga:
Pozycja pracy - poziomo

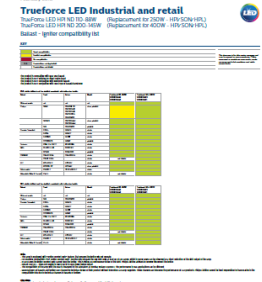
do 12 000lm

TrueForce LED dla sektora przemysłowego i handlowego (Highbay — HPI/SON/HPL)



zamiennik do SON 250W/400W

Lista kompatybilności



PHILIPS

do 20 000lm

TrueForce Core LED dla sektora przemysłowego i handlowego (Highbay — HPI/SON/HPL)



do 5 000lm

Lista zamienników przedstawia produkty najczęściej stosowane.
Pełna lista produktów w cenniku i na stronach internetowych

12NC	EOC		Podłączenie	Moc	Strumień [lm]	Odpowiednik
929001929802	871869959678100	TForce LED HB MV ND 120-100W E40 840 WB	EM/230V E40	100W	12 000	250W
929001812502	871869959672900	TForce LED HB MV ND 200-160W E40 840 WB	EM/230V E40	160W	20 000	400W
929001356902	871869671382200	TForce LED HPI ND 110-88W E40 840 120D	Istniejące E40	88W	11 000	250W
929001357102	871869671388400	TForce LED HPI ND 200-145W E40 840 120D	Istniejące E40	145W	20 000	400W
929002006202	871869963816000	TForce LED HPL ND 30-21W E27 840	EM/230V E27	21W	3 000	HPL 80W, SON 50W
929002006402	871869963820700	TForce LED HPL ND 40-28W E27 840	EM/230V E27	28W	4 000	HPL 125W, SON 70W
929002006602	871869963824500	TForce LED HPL ND 60-42W E27 840	EM/230V E27	42W	6 000	HPL 125W, SON 70W
929002006802	871869963828300	TForce LED HPL ND 60-42W E40 840	EM/230V E40	42W	6 000	HPL 200W, SON 100W
929001999502	871869963253300	TForce LED Road 42-25W E27 740	Istniejące E27	25W	4 200	50W
929001898502	871869681117700	TForce LED Road 60-35W E27 740	Istniejące E27	35W	6 000	70W
929002007502	871869963906800	TForce LED Road 90-55W E40 740	Istniejące E40	55W	9 000	100W
929002007702	871869963910500	TForce LED Road 120-68W E40 740	Istniejące E40	68W	12 000	150W
929001937702	871869959730600	TForce Core HB MV ND 28-24W E27 840	EM/230V E27	24W	2 800	40W
929001938002	871869959734400	TForce Core HB MV ND 40-35W E27 840	EM/230V E27	35W	4 000	55W
929001938302	871869959718400	TForce Core HB MV ND 50-42W E27 840	EM/230V E27	42W	5 000	70W
929001925402	871869959440400	TForce Core LED PT 30-27W E27 840 FR	EM/230V E27	27W	3 000	80W
929001925102	871869959444200	TForce Core LED PT 50-42W E27 840 FR	EM/230V E27	42W	5 000	125W

TrueForce LED

- Broszury

Kliknij w obrazek - poznaj szczegóły

PHILIPS
Industry and Retail lighting
TrueForce

Low expectations or high performance?

Real professionals count on Philips LED lighting

**REAL PROs
REAL QUALITY**



This is the TrueForce LED Industrial and Retail

- ✓ A real retrofit alternative: replacement for 250 and 400 W SON/HPL/HPL in conventional high-bay applications
- ✓ Two different beam angle options: wide angle (120°) and narrow angle (60°) for high installation heights
- ✓ No rewiring necessary with InstantFit version: works in existing luminaires with conventional ballasts – even with ignitors
- ✓ Excellent color rendering with Ra 80 and a color temperature of 4,000 kelvin
- ✓ Available in 11,000 and 20,000 lumen type
- ✓ 50,000-hour service life and 5-year warranty
- ✓ Dimensions: 250 x 210 mm, weight: 1.3 kg, additional steel cable to securely attach the lamp to the fixture
- ✓ IP40 protection rating (dry, clean environment)
- ✓ Perfectly suited for industrial use, in warehouses, and retail areas.



Available as 250W and 400W replacement. InstantFit or Direct Mains operation!

* For warranty conditions, visit www.lighting.philips.com/na/en/support/support/warranty



You'll be amazed by the TrueForce LED Industrial and Retail

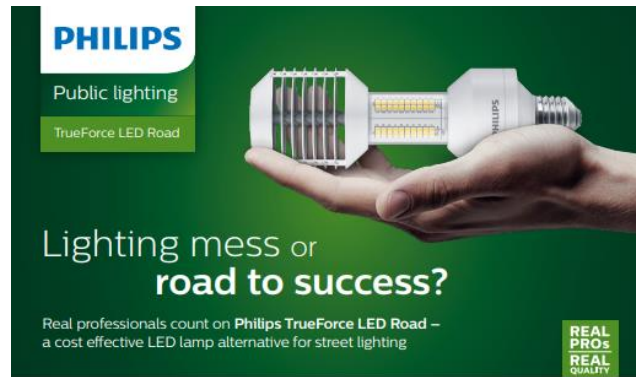
- ✓ Place your trust in certified quality: cut your energy consumption by 65% compared to conventional lamps.
- ✓ No need for any changes to the fixture since the ignitor (if applicable) as well as the conventional ballast can both still be used. As a result, the conformity of the luminaire remains valid. Valid for InstantFit version.
- ✓ It pays to use Philips TrueForce LED Industrial and Retail! In most cases, the energy savings in the first year alone are higher than the purchase price of the lamp!
- ✓ Stands out thanks to its passive heat management and a 4 kV surge protector.
- ✓ Extremely long-lasting: up to a 3+ longer service life than conventional discharge lamps.
- ✓ Immediate 100% brightness: no start-up delay and perfect light without any flickering.
- ✓ Does not contain any toxic substances and is 100% mercury-free.
- ✓ Meets the highest standards of quality: with up to a 5-year warranty.*

PHILIPS
Public lighting
TrueForce LED Road

Lighting mess or road to success?

Real professionals count on Philips TrueForce LED Road – a cost effective LED lamp alternative for street lighting

**REAL PROs
REAL QUALITY**



This is the TrueForce LED Road

- ✓ A real retrofit alternative: replacement for conventional SON-T with almost the same light distribution
- ✓ No rewiring necessary: works in existing luminaires with conventional ballasts – even with ignitors.
- ✓ Good colour rendering with Ra 70 and a colour temperature of 3,000 and 4,000 Kelvin
- ✓ High efficiency with up to 177lm/W
- ✓ Good protection rating with IP40
- ✓ Easy replacement thanks to small size and weight (200 x 61mm/250g for 25/35W and 262 x 71mm/452g for 55/68W) E27 socket and good fit.
- ✓ 50,000-hour service life and 5-year warranty
- ✓ Perfectly suited for street lighting luminaires designed for SON-T operation



* For warranty conditions, visit www.lighting.philips.com/na/en/support/support/warranty

You'll be amazed by the TrueForce LED Road

- ✓ Certified quality with reduced energy consumption of up to 55% compared to conventional lamps.
- ✓ No fixture changes necessary: igniter (if applicable) and conventional ballast can still be used for optimal luminaire conformity.
- ✓ TrueForce LED Road uses conventional optics designed around traditional HID lights. With its omni-directional light, it delivers almost the same light distribution as conventional SON-T installations.
- ✓ Its soft, white and CRI 70 light creates a safer, more pleasant atmosphere in outdoor environments.
- ✓ Philips TrueForce LED Road pays off with energy savings higher than the price of the lamp in just two years.
- ✓ Gets noticed thanks to passive heat management and a 6kV surge protector.
- ✓ Extremely long-lasting with a service life three times longer than that of conventional lamps. Instant 100% brightness without start-up delay or flickering.
- ✓ No toxic substances and 100% mercury-free
- ✓ Meets highest quality standards with up to a five-year warranty.*

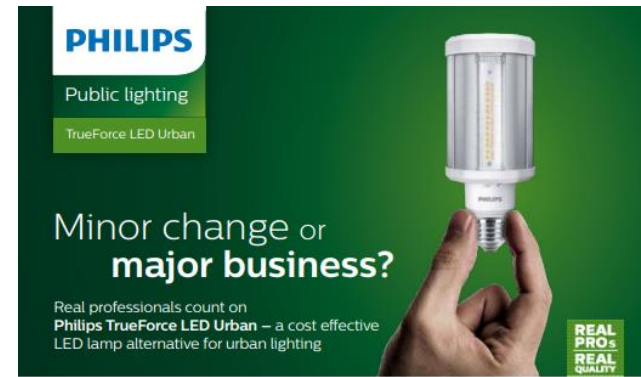


PHILIPS
Public lighting
TrueForce LED Urban

Minor change or major business?

Real professionals count on Philips TrueForce LED Urban – a cost effective LED lamp alternative for urban lighting

**REAL PROs
REAL QUALITY**



This is the TrueForce LED Urban

- ✓ Easy replacement with direct mains operation (220-240V) or operation on system with magnetic ballasts without ignitor
- ✓ Small size and low weight, therefore suitable for vertical and horizontal burning positions (horizontal in closed luminaire)
- ✓ Highly efficient with up to 143 lm/W
- ✓ New micro lens concept, replacing clear and frosted versions for improved light uniformity
- ✓ 50,000-hour service life and 5-year warranty*
- ✓ High protection with IP65 – waterproof, ideal for outdoor lighting
- ✓ Alternative for 80/125W/200 HPL, 50/70 W SON, in the colour temperatures 3000 Kelvin and 4000 Kelvin

Conventional HID	TrueForce LED Urban
HPL 80W	LED 21W E27
SON 50W	LED 21W E27
HPL 125W	LED 28W E27
SON 70W	LED 28W E27
HPL 125W	LED 42W E27
SON 70W	LED 42W E27
HPL 200W	LED 42W E40
SON 100W	LED 42W E40

You'll be amazed by the TrueForce LED Urban

- ✓ Certified quality with reduced energy consumption of up to 80% compared to conventional system.
- ✓ Its soft, white and CRI 80 light creates a safer, more pleasant atmosphere in outdoor environment.
- ✓ Philips TrueForce LED Urban pays off with energy savings higher than the price of the lamp in just two years.
- ✓ Gets noticed thanks to passive heat management and a 6kV surge protector.
- ✓ Extremely long-lasting with a service life three times longer than that of conventional lamps.
- ✓ Instant 100% brightness without start-up delay or flickering.
- ✓ No toxic substances and 100% mercury-free
- ✓ Meets highest quality standards with up to a 5-year warranty.*

Now available in new lumen output levels and improved Ra 80



* For warranty conditions, visit www.lighting.philips.com/na/en/support/support/warranty

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