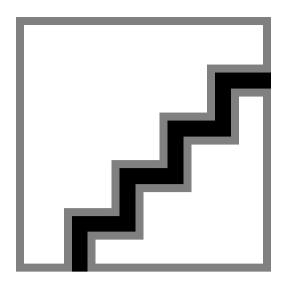
# **PHILIPS** Lighting



# Low initial investment LED solution provides instant saving while retaining your uniqueness

# TrueForce LED Public (Urban/Road - HPS/MH)

Philips TrueForce LED Public Urban lamps provide an easy LED solution with a fast payback to replace High Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right light distribution, compact lamp size and light weight, customers can easily retrofit TrueForce LED lamps into their existing system, thereby improving the light quality without having to change the fixtures or sacrifice the light effect. NAM Mogul E39 NEMA socket (3-pin ANSI receptacle) version offers connected lighting capability by adding connector node. Each individual light point can be controlled and monitored remotely to enhance flexibility, energy saving and operation efficiency.

#### Benefits

- Cost savings ensure a quick payback
- $\cdot$  Low initial investment
- $\cdot$  Enhanced light quality and easy adoption

## TrueForce LED Public (Urban/Road - HPS/MH)

#### Features

- High energy efficiency
- Long lifetime 50,000hrs
- $\cdot$  Compact size, light in weight
- Up to 10KV surge protection
- NEMA socket (3-pin ANSI receptacle) for connector node installation (Available in NAM Mogul E39 only)

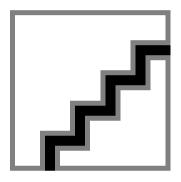
Single Contact Mogul Screw

**Others Clear** 

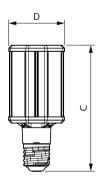
#### Application

- Public urban parks, squares
- Public road streets, paths
- Public area parking, transportation hubs

#### Versions



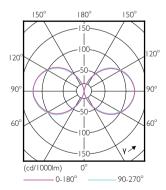
#### Dimensional drawing



Product	D	с
35ED23.5/LED/740/ND 120-277V G2 4/1	84 mm	190 mm
35ED23.5/LED/730/ND 120-277V G2 4/1	84 mm	190 mm

# TrueForce LED Public (Urban/Road - HPS/MH)

Energy Consumption kWh/1000 h- kWhControls and dimmingNoDimmableNoOperating and electricalInput FrequencyInput Frequency50 to 60 HzVoltage (Nom)120-277 VWattage EquivalentHPS100 WPower (Nom)35 WStarting Time (Nom)0.5 sGeneral information20000 hSwitching Cycle50000 hSwitching Cycle50000 hSwitching Cycle50000 hColor Rendering Index (Nom)70Llmf At End Of Nominal Lifetime70 %(Nom)1000 lmLuminous Flux (Nom)5000 lmMechanical and housing5000 lmBulb FinishClearBulb ShapeOthersT-Ambient (Max)55 °CT-Ambient (Min)-40 °CT-Case Maximum (Nom)57 °C	Approval and application	
DimmableNoOperating and electricalInput Frequency50 to 60 HzVoltage (Nom)120-277 VWattage EquivalentHPS100 WPower (Nom)35 WStarting Time (Nom)0.5 sGeneral information2000 hCap-BaseE39Nominal Lifetime (Nom)50000 hSwitching Cycle50000Light technical1000 hBeam Angle (Nom)360 °Color Rendering Index (Nom)70Llmf At End Of Nominal Lifetime70 %(Nom)1000 lmLuminous Flux (Nom)5000 lmMechanical and housingBulb FinishBulb ShapeOthersT-Ambient (Max)55 °CT-Ambient (Min)-40 °C	Energy Consumption kWh/1000 h	- kWh
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Power (Nom)35 WStarting Time (Nom)0.5 sGeneral information	Voltage (Nom)	120-277 V
Starting Time (Nom)0.5 sGeneral information-Cap-BaseE39Nominal Lifetime (Nom)50000 hSwitching Cycle50000Light technical-Beam Angle (Nom)360 °Color Rendering Index (Nom)70Llmf At End Of Nominal Lifetime70 %(Nom)-Luminous Flux (Nom)5000 lmMechanical and housingBulb FinishBulb FinishClearBulb ShapeOthersTemperature-T-Ambient (Max)55 °CT-Ambient (Min)-40 °C	Wattage Equivalent	HPS100 W
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Switching Cycle 50000  Light technical Beam Angle (Nom) 360 ° Color Rendering Index (Nom) 70 Llmf At End Of Nominal Lifetime 70 % (Nom) Luminous Flux (Nom) 5000 lm  Mechanical and housing Bulb Finish Clear Bulb Shape 0thers  Temperature T-Ambient (Max) 55 °C T-Ambient (Min) -40 °C	Cap-Base	E39
Light technical         Beam Angle (Nom)       360 °         Color Rendering Index (Nom)       70         Llmf At End Of Nominal Lifetime       70 %         (Nom)       1         Luminous Flux (Nom)       5000 lm         Mechanical and housing       1         Bulb Finish       Clear         Bulb Shape       Others         Temperature       1         T-Ambient (Max)       55 °C         T-Ambient (Min)       -40 °C	Nominal Lifetime (Nom)	50000 h
Beam Angle (Nom)360 °Color Rendering Index (Nom)70Llmf At End Of Nominal Lifetime70 %(Nom)5000 lmLuminous Flux (Nom)5000 lmMechanical and housingClearBulb FinishClearBulb ShapeOthersTemperature70T-Ambient (Max)55 °CT-Ambient (Min)-40 °C	Switching Cycle	50000
Beam Angle (Nom)360 °Color Rendering Index (Nom)70Llmf At End Of Nominal Lifetime70 %(Nom)5000 lmLuminous Flux (Nom)5000 lmMechanical and housingClearBulb FinishClearBulb ShapeOthersTemperature70T-Ambient (Max)55 °CT-Ambient (Min)-40 °C		
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Llmf At End Of Nominal Lifetime       70 %         (Nom)       5000 lm         Luminous Flux (Nom)       5000 lm         Mechanical and housing       Bulb Finish         Bulb Finish       Clear         Bulb Shape       Others         Temperature       -40 °C	Beam Angle (Nom)	360 °
(Nom) Luminous Flux (Nom) 5000 lm Mechanical and housing Bulb Finish Clear Bulb Shape Others Temperature T-Ambient (Max) 55 °C T-Ambient (Min) -40 °C	Color Rendering Index (Nom)	70
Luminous Flux (Nom) 5000 lm Mechanical and housing Bulb Finish Clear Bulb Shape Others Temperature T-Ambient (Max) 55 °C T-Ambient (Min) -40 °C	Llmf At End Of Nominal Lifetime	70 %
Mechanical and housing         Bulb Finish       Clear         Bulb Shape       Others         Temperature       T-Ambient (Max)         T-Ambient (Min)       -40 °C	(Nom)	
Bulb Finish     Clear       Bulb Shape     Others       Temperature     T       T-Ambient (Max)     55 °C       T-Ambient (Min)     -40 °C	Luminous Flux (Nom)	5000 lm
Bulb Finish     Clear       Bulb Shape     Others       Temperature     T       T-Ambient (Max)     55 °C       T-Ambient (Min)     -40 °C		
Bulb Shape         Others           Temperature         55 °C           T-Ambient (Max)         55 °C           T-Ambient (Min)         -40 °C	· · · · · · · · · · · · · · · · · · ·	
Temperature           T-Ambient (Max)         55 °C           T-Ambient (Min)         -40 °C	Bulb Finish	Clear
T-Ambient (Max)         55 ℃           T-Ambient (Min)         -40 ℃	Bulb Shape	Others
T-Ambient (Max)         55 ℃           T-Ambient (Min)         -40 ℃		
<b>T-Ambient (Min)</b> -40 °C	· · · · · ·	
T-Case Maximum (Nom) 57 °C		
	T-Case Maximum (Nom)	57 °C



#### Light technical

0			
Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)
473603	35ED23.5/LED/730/ND 120-277V G2 4/1	730	3000 K
473611	35ED23.5/LED/740/ND 120-277V G2 4/1	740	4000 K

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