



TrueForce LED Public (Urban/Road – HPS/MH)

35ED23.5/LED/730/ND 120-277V G2 4/1

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.

Product data

General Information		Correlated Color Temperature (Nom)	
Cap-Base	E39 [Single Contact Mogul Screw]		3000 K
Nominal lifetime	50,000 hour(s)	Luminous Efficacy (rated) (Nom)	125.00 lm/W
Switching Cycle	50,000	Color Consistency	ANSI 3000K
Lighting Technology	LED	Color rendering index (CRI)	70
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	730 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	360 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	5,000 lm	Power Consumption	35 W
Color Designation	White (WH)	Lamp Current (Nom)	300 A
		Starting Time (Nom)	0.5 s

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Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V

Temperature

Ambient temperature range	-40 °F to 131 °F
T-Case Maximum (Nom)	135 °F

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Others

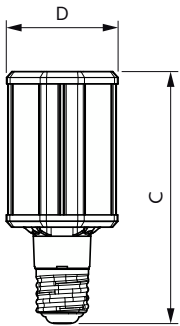
Approval and Application

Energy Consumption kWh/1000 h	- kWh
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Product Data

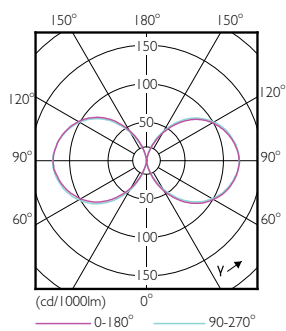
Order product name	35ED23.5/LED/730/ND 120-277V G2 4/1
Full product name	35ED23.5/LED/730/ND 120-277V G2 4/1
Order code	473603
Material Nr. (12NC)	929001396504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677473600
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677473605

Dimensional drawing

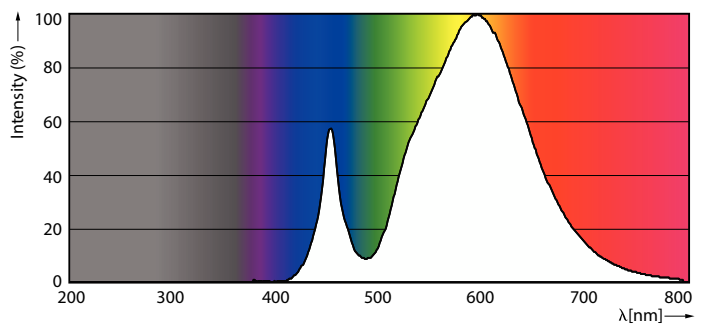


Product	D	C
35ED23.5/LED/730/ND 120-277V G2 4/1	3-5/16 inch	7-1/2 inch

Photometric data



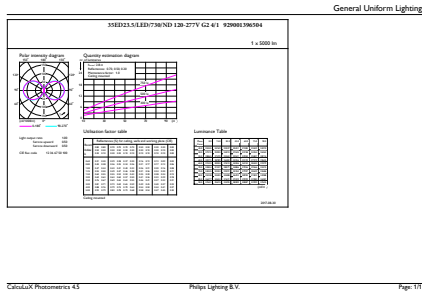
Light Distribution Diagram - 35ED23.5/LED/730/ND 120-277V G2 4/1



Spectral Power Distribution Colour - 35ED23.5/LED/730/ND 120-277V G2 4/1

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Photometric data



General uniform lighting - 35ED23.5/LED/730/ND 120-277V G2 4/1

Lifetime



Life Expectancy Diagram - 35ED23.5/LED/730/ND 120-277V G2 4/1



Lumen Maintenance Diagram - 35ED23.5/LED/730/ND 120-277V G2 4/1

