



# TrueForce LED Industrial and Retail (Highbay – MH)

## TForce LED HPI UN 95W E40 840 WB

MASTER, LED Highbay, Highbay, EM (ignitor & capacitor should not be removed)/Mains, 95 W, HPI 250W, E40, 4000 K, 13000 lm, CRI 80, 50000 h

MASTER, LED Highbay, Highbay, EM (ignitor & capacitor should not be removed)/Mains, 95 W, LED alternative to HPI 250W, E40, 4000 K, 13000 lm, CRI 80, 50000 h, 109 lm/W, EEL E, PF 0.9, Plastic, RG1, IP40, SVM 0.4, PstLM 1

### Warnings and Safety

• Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

### Product data

General Information		Luminous Flux	
Cap base	E40	Luminous Flux	13,000 lm
Nominal lifetime	50,000 h	Colour designation	Cool White (CW)
Switching Cycle	50,000	Correlated Colour Temperature (Nom)	4000 K
Lighting Technology	LED Highbay	Luminous efficacy (rated) (nom.)	109 lm/W
Flux measurement reference	Wide Cone	Colour consistency	<6
Warranty period	5 years	Colour rendering index (CRI)	>80
		LLMF at end of nominal lifetime (nom.)	70 %
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Colour Code	840 [CCT of 4000K]	Line Frequency	50 Hz
Beam angle (nom.)	120 degree(s)		

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Input frequency	50 Hz
Power Consumption	95 W
Lamp current (nom.)	500 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220–240 V
Inrush current at mains	10.2
Max. lamp no. on MCB B type 10A — Mains	4
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	2
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	4
Max. lamp no. on MCB B type 16A — Mains	6
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	3
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	8
Wattage Equivalent (LED HID only)	HPI 250W
Ballast Compatibility	EM (ignitor & capacitor should not be removed)/Mains

### Temperature

T-Case maximum (nom.)	55 °C
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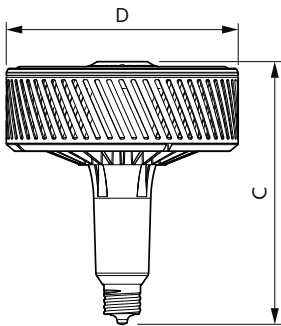
### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Lamp Finish	Clear
Bulb material	Plastic

### Dimensional drawing



Bulb shape	Highbay
Net Weight (Piece)	1.100 kg

### Approval and Application

Energy Efficiency Class	E
Energy-saving product	Yes
Energy consumption kWh/1,000 hours	95 kWh
EPREL Registration Number	1858673
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

### Application Conditions

Wireless Technology	Not applicable
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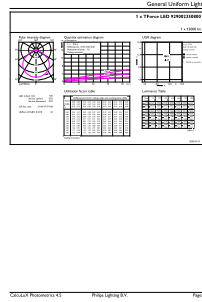
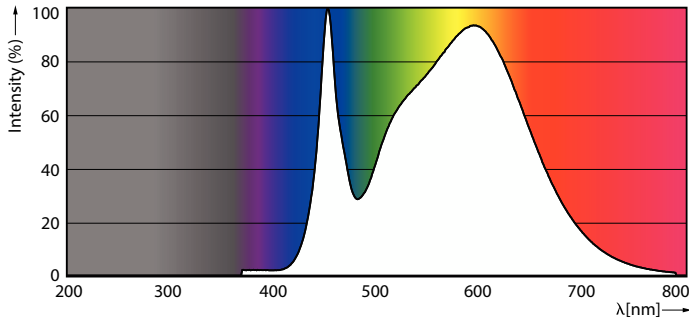
### Product Data

Order product name	TForce LED HPI UN 95W E40 840 WB
Full product name	TForce LED HPI UN 95W E40 840 WB
Full EOC	871869975369600
Order code	929002350802
Material no. (12 NC)	929002350802
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699753696
Numerator – packs per outer box	3
EAN/UPC – Case	8718699753702

Product	D	C
TForce LED HPI UN 95W E40 840 WB	250 mm	290 mm

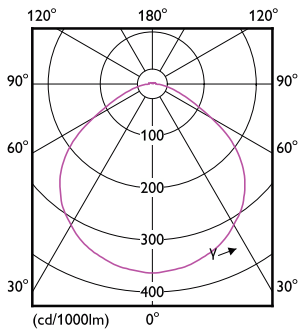
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## Photometric data



Spectral Power Distribution Colour - TForce LED HPI UN 95W E40 840 WB

General uniform lighting - TForce LED HPI UN 95W E40 840 WB

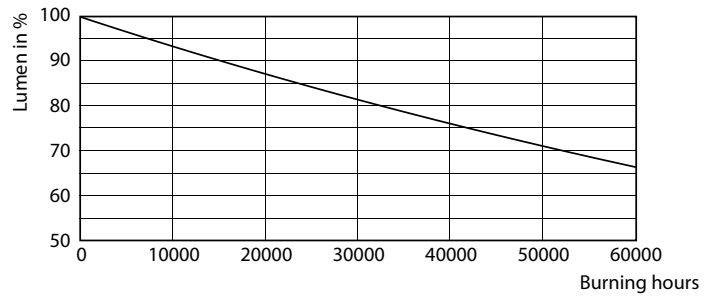


Light Distribution Diagram - TForce LED HPI UN 95W E40 840 WB

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce LED HPI UN 95W E40 840 WB

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