



MASTER - LED HID HPI

TrueForce 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 hour(s)

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 hour(s), 109 lm/W, EEL E, PF 0.9, Beam angle 120 degree(s), 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		Color Designation	
Cap-Base	E40	Color Designation	Cool White (CW)
Nominal lifetime	50,000 hour(s)	Correlated Color Temperature (Nom)	4000 K
Switching Cycle	50,000	Luminous Efficacy (rated) (Nom)	109 lm/W
Lighting Technology	LED Highbay	Color Consistency	<6
Flux measurement reference	Wide Cone	Color rendering index (CRI)	>80
Warranty period	5 years	LLMF At End Of Nominal Lifetime (Nom)	70 %
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 Hz
Beam Angle (Nom)	120 degree(s)	Input Frequency	50 Hz
Luminous Flux	13,000 lm	Power Consumption	95 W

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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

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Highbay
Net Weight (Piece)	1.100 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	95 kWh
EPREL Registration Number	1858673
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

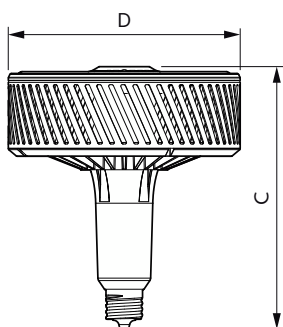
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	TForce LED HPI UN 95W E40 840 WB
Full product name	TrueForce LED HPI UN 95W E40 840 WB
Full product code	871869975369600
Order code	75369600
Material Nr. (12NC)	929002350802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699753696
Numerator - Packs per outer box	3
EAN/UPC - Case	8718699753702

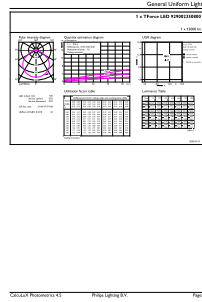
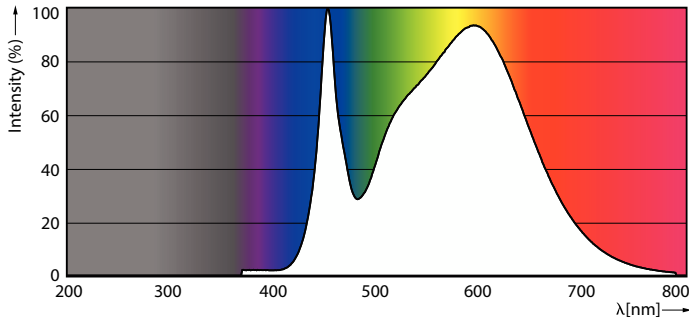
Dimensional drawing



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

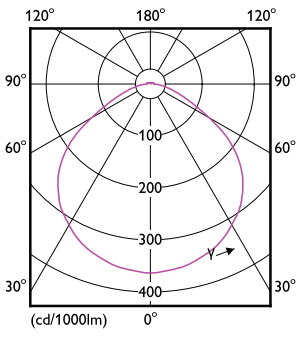
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Photometric data



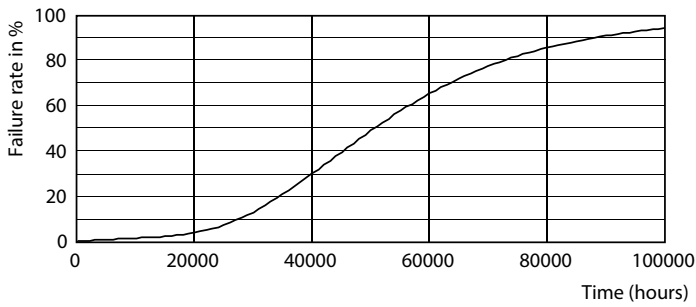
Spectral Power Distribution Colour - TForce LED HPI UN 95W E40 840 WB

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

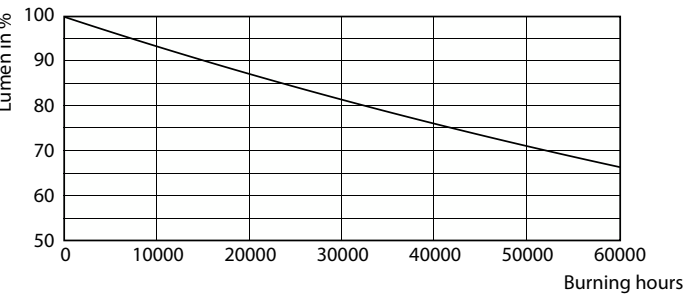


Light Distribution Diagram - TForce LED HPI UN 95W E40 840 WB

Lifetime



Life Expectancy Diagram



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

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