MASTER - LED HID HPI

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 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	
Cap-Base	E40
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED Highbay
Flux measurement reference	Wide Cone
Warranty period	5 years

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	13,000 lm

Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	109 lm/W
Color Consistency	<6
Color rendering index (CRI)	>80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 Hz
Input Frequency	50 Hz
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

Controls and Dimming

Dimmable	No

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

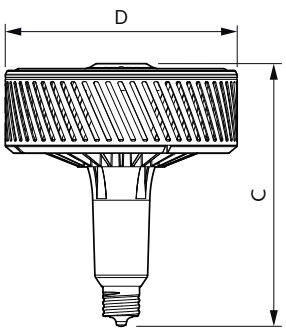
Application Conditions

Wireless Technology	Not applicable

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 product code	871869975369600
Order code	929002350802
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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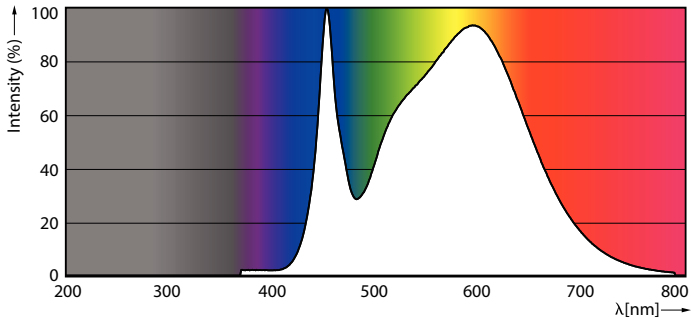
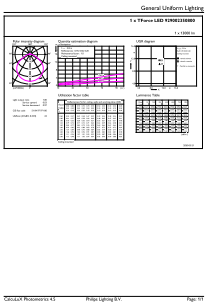
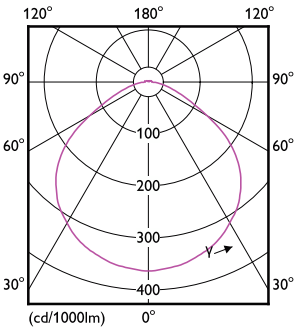
Photometric data



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

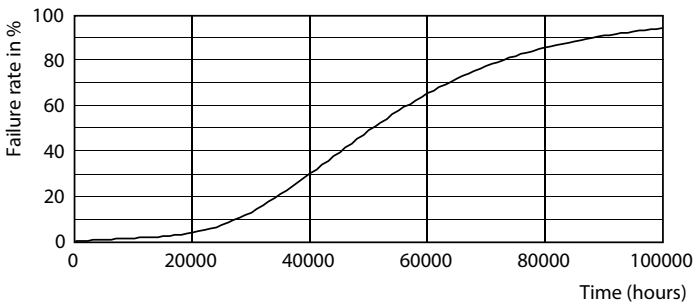


General uniform lighting - TForce LED HPI UN 95W E40 840 WB

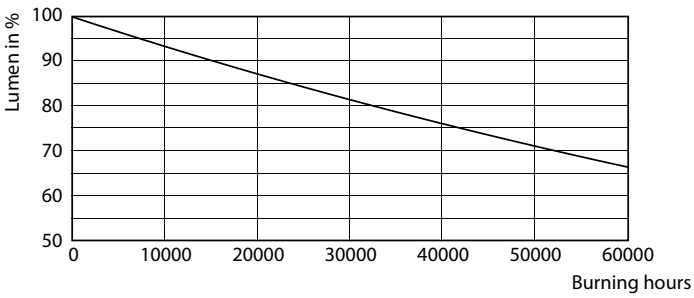


Light Distribution Diagram - TForce LED HPI UN 95W E40 840 WB

Lifetime



Life Expectancy Diagram



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

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