

ToLEDo Performer H-Series
ToLEDo Performer H230 15500LM 840 E40 SL
0028378



Product features

- Direct retrofit replacement for high-pressure mercury vapor lamps (HPMV)50,000 hours average rated lifetimeUp to 71% energy saving compared to the standard high-pressure mercury vapor lampsDetachable 3.5mm jack plug microwave sensor allow to adjust hold-time and standby brightness levelMercury-free solutionLower maintenance costHigh lumen efficacyDual operating mode - compatible with HPMV magnetic ballast and also, suitable for AC direct mains 220-240V operationUp and down light distributionHigh surge voltage protection: 4kVSuitable for both open and enclosed luminairesWide light distributionHigh switching cycles - 200,000XHigh colour rendering - CRI80Minimum and maximum operating temperature: -30°C to 50°C



NOTES

undefined

PRODUCT OVERVIEW

Product name	ToLEDo Performer H230 15500LM 840 E40 SL
Technology	LED
Watt (Rated) (W)	115
Cap/Base	E40
Fixture rating	Open
General application	Logistics & Industry
ETIM Class	EC001959
E-number FI	4740745
Warranty	5 years
Useful luminous flux (Fuse)	15500
Luminous flux (lm)	15500
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG1
Power consumption (W)	115
Wattage (W)	115
Dimmable	No
Average life (Nominal) (h)	50000
Product EAN number	5410288283784

DATA TABLE

General data	
Product name	ToLEDo Performer H230 15500LM 840 E40 SL
Technology	LED

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Watt (Rated) (W)	115
Cap/Base	E40
Fixture rating	Open
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740745
Warranty	5 years

Optical data

Useful luminous flux (Fuse)	15500
Luminous flux (lm)	15500
Luminous flux (Rated) (lm)	15500
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Power consumption (W)	115
Wattage (W)	115
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	0.5
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
Control gear required	No
No. Of switching cycles before premature failures	>200000
Dimmable	No
Inrush Current (A)	71.2
Inrush Duration (µs)	2
Lamp Energy Label (class)	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	12

Lifetime data

Lifespan L70 B50	50000
Average life (Nominal) (h)	50000
Average life (Rated) (h)	50000

Physical data

Nominal Product Length (mm)	210
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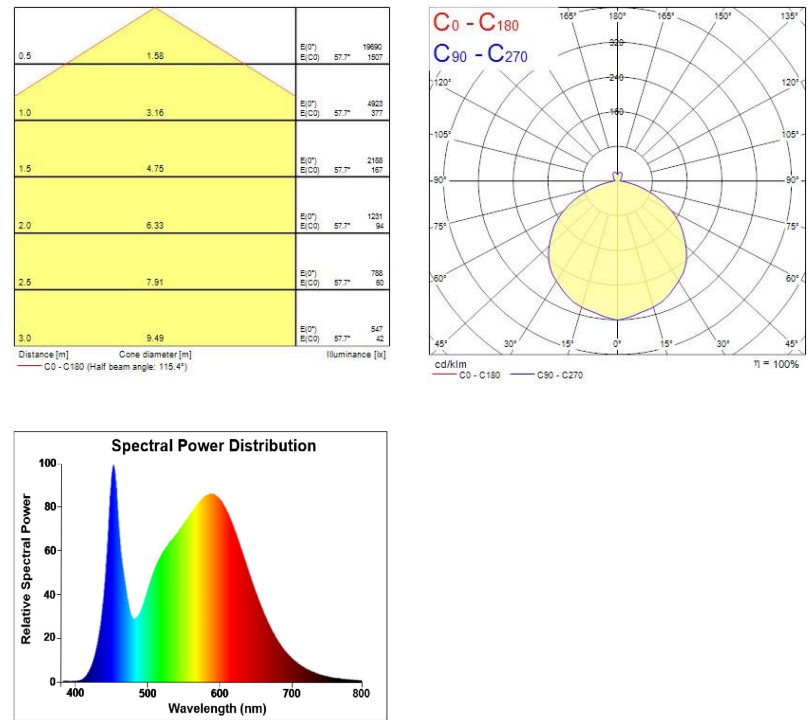
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Nominal Product Diameter (mm)	230
Weight (kg)	1.766

Packaging	
Product EAN number	5410288283784
Packaging single length / height (cm)	25.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	23.5
DUN14 (inner)	15410288283781
Units per outer package	4
Packaging outer length / height (cm)	53.6
Packaging outer width (cm)	52.5
Packaging outer depth (cm)	26.3

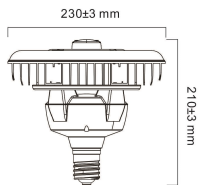
Safety data	
Optimal operating condition (°C)	-20-50
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	Yes
Safety message	Not Suitable for totally enclosed fixtures

PHOTOMETRY



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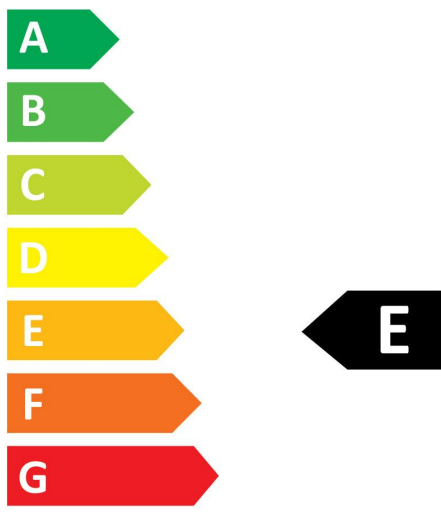
TECHNICAL DRAWINGS



**ENERG**

SYLVANIA

0028378



115
kWh/1000h

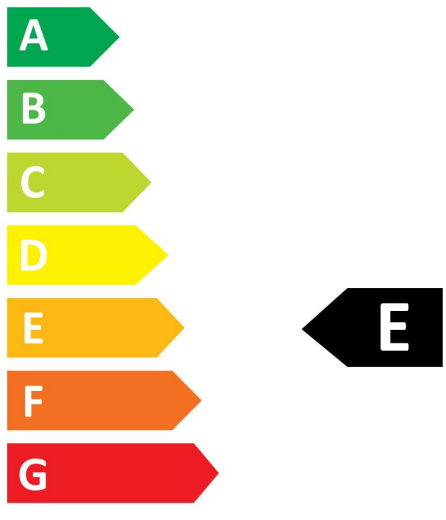


2019/2015

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115
kWh/1000h



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