14 kWh/1000h

A++ energy class

119 lumens/watt

Tungsram Start ECO Snowcone

LED ECO A60 13.5W 840 E27 TU

93107024

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TUNGSRAM

93107024
LED ECO A60 13.5 W 840 E27 TU

A++
A+
A
B
C
D
E

A++

14 kWh/1000h

Product information

Tungsram introduces its new range of 4 highly competitive LED GLS products available in 3 colour temperatures. Consuming only 6W and 9W, 11.5W and 13.5W they are a fantastic energy saving alternative to traditional GLS lamps with new, high quality aesthetics.

Application areas

Retail

Hospitality

Home

C€

Product data

Product Code	93107024
Bulb Shape	A60
Bulb Finish	white
Bulb maximum overall diameter [mm]	60
Nominal Length [mm]	109
Net weight per piece [g]	55
Dimmability	No
RoHS compliant	Yes
Brand	Tungsram
Cap/Base	E27

Performance data

Nominal/ Rated Beam Angle [°]	160
Rated Lumens [lm]	1600
Weighted energy consumption [kWh/1000h]	13.5
Rated efficacy [lm/W]	118.52
Energy efficiency class (EEC)	A++
Rated life L70/B50 [h]	10000
Nominal correlated colour temperature (CCT) [K]]	4000
Nominal lumens [lm]	1600
Colour Rendering Index (CRI) [Ra]	80

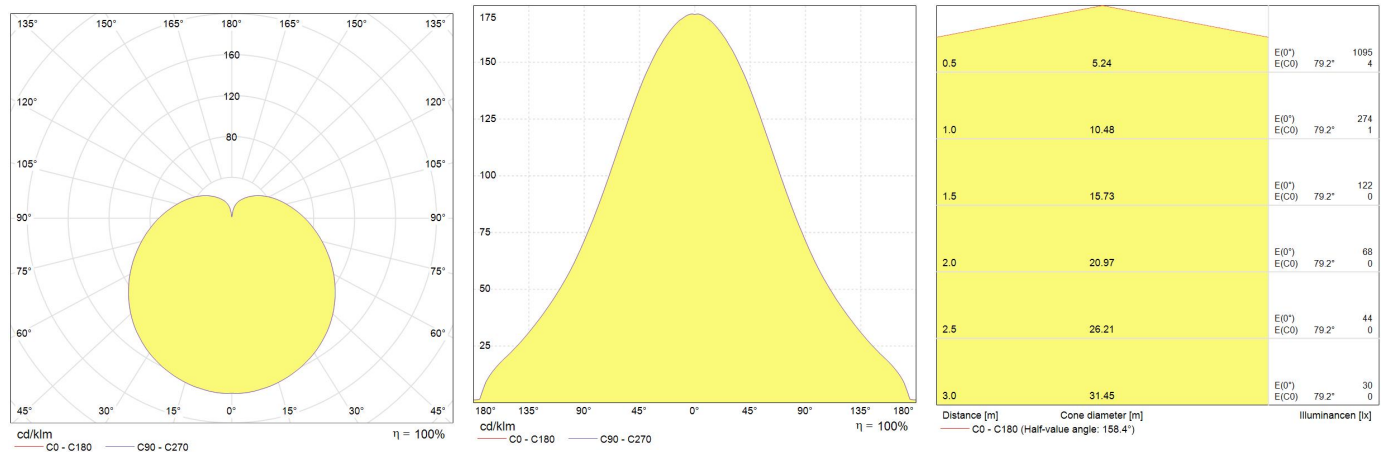## Electrical data

Operating Temperature (MIN) [°C]	-20°C
Operating Temperature (MAX) [°C]	+40°C
Starting time (sec)	<0,5 s
Power Factor	>0.5
Warm up time up to 60% of full light output	Instant on
Number of switching cycles	50000
Nominal lamp voltage range [V]	220-240V
Nominal power [W]	13.5

Logistic data

DUN Code	15994100015441
EAN Code	5994100015444
Pack Quantity	12
Product status	Available

Photometric Data

Distance [m]	Cone diameter [m]			Illuminancen [lx]
0.5	5.24	E(0°) E(C0)	79.2°	1095 4
1.0	10.48	E(0°) E(C0)	79.2°	274 1
1.5	15.73	E(0°) E(C0)	79.2°	122 0
2.0	20.97	E(0°) E(C0)	79.2°	68 0
2.5	26.21	E(0°) E(C0)	79.2°	44 0
3.0	31.45	E(0°) E(C0)	79.2°	30 0

C0 - C180 (Half-value angle: 158.4°)

Downloads & Links

Go to the catalog site (HTTP)

Photometry (IES)

Product datasheet (PDF)

Images (HTTP)

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