



T8 Pro

T8 Pro 21W Glass LED T8 tube

Kosnic's range of LED tubes takes a fresh approach to functional lighting with retrofit LED tubes that bring the energy saving capabilities of LED technology. These advanced LED tubes are suitable for all areas, including visually demanding non-transient task areas such as offices and educational premises where users require uniform light to maintain well-being. The LED tubes can directly replace fluorescent tubes in magnetic ballast fittings with no rewiring. The LED tubes are also perfectly suited to use in fittings designed for dedicated LED tube use. • High performance of 130lm/W • Save energy by up to 65% • Flicker free • Compatible with magnetic ballasts, and LED drivers

T8PRO21-W40 (06347)

Specification

Voltage	220-240Vac 50-60Hz
Current (mA)	101
Rated Power (W)	21
CCT Words	Cool White
CCT (K)	4000
Total Luminous Flux (lm)	2750
L70B50 Lifetime (h)	50000
Blue Light Hazard	RG1
Power Factor	0.9
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.26
In-rush current (peak/duration) (A)	26A/4us
On-Site Warranty	None

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	G13
Mains / Non-Mains (MLS/NMLS)	MLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	21
Energy Efficiency Class	E
Useful Luminous Flux (lm)	2750
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000

On-Mode Power (Pon) (W)	21
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	26
Width (mm)	26
Depth (mm)	1514
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.38
Chromaticity Co-Ordinates (Y)	0.38
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
Survival Factor (x.xx)	1
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	0.93
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	5
LED light source replaces flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	Y
Replacement W Claim (Mains LED/OLED) (W)	58
Flicker metric (pst LM) (x,x)	0.6
Storboscopic effect metric (SVM) (x,x)	0.1

Technical Drawings



