



T8 Pro

T8 Pro 21W Glass LED T8 tube, 4000k

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 (07361)

Specification

Voltage	220-240Vac 50-60Hz
Current (mA)	94
Rated Power (W)	21
CCT Words	Warm White
CCT (K)	4000
Total Luminous Flux (lm)	3000
Nominal Lifetime (h)	50000
L70B50 Lifetime (h)	50000
L80B10 Lifetime (h)	50000
L90 Lifetime (h)	24000
Blue Light Hazard	RG0
Glow wire temperature(°C)	650
SDCM of CCT	<6
Flicker %	20
Power Factor	0.95
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.22
In-rush current (peak/duration) (A)	15.6A/2.3us
Protection Rating	Class I
IK Rating	IK02
IP Rating	IP20

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	D
Useful Luminous Flux (lm)	3000
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000
On-Mode Power (Pon) (W)	21
Standby Power (Psb) (W)	0
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	28
Width (mm)	28
Depth (mm)	1514
Claim of Equivalent Power? (Y/N)	N
Chromaticity Co-Ordinates (X)	0.3800
Chromaticity Co-Ordinates (Y)	0.3800
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	0.9
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	6
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)	0.1
Storboscopic effect metric (SVM) (x,x)	0.7

Technical Drawings

