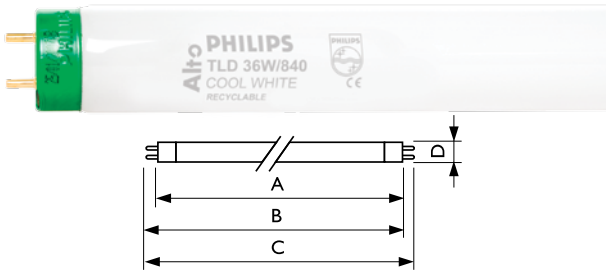


MASTER TL-D ALTO

The difference is green. The ALTO lamp, a green flagship product, features technology that employs a unique capsule injection dosing system that delivers significantly less mercury into each tube; now only two milligrams.

The lamps Next Generation triphosphor technologies ensures high light output, high lumen maintenance, and good colour rendering.

Features a distinct green end cap for easy identification for relamping. So make the switch to green!



| Product ID | A max. | B max. | C max. | D max. |
|------------|--------|--------|--------|--------|
| 18W | 549.0 | 556.1 | 563.2 | 28 |
| 36W | 1149.0 | 1156.1 | 1213.6 | 28 |
| 58W | 1500.0 | 1504.7 | 1514.2 | 28 |

Dimensions in mm

MASTER TL-D ALTO

| Shortcode | Wattage (W) | Cap Base | Voltage | Luminous Flux Lamp (lm) | Average Lifetime EL (hrs) | Colour Rendering Index (Ra) | Colour Temp (K) | Min Order Quantity | Carton Qty |
|---------------|-------------|----------|---------|-------------------------|---------------------------|-----------------------------|-----------------|--------------------|------------|
| TLD18W830ALTO | 18 | G13 | 59 | 1350 | 20000 | 83 | 3000 | 25 | 25 |
| TLD18W840ALTO | 18 | G13 | 59 | 1350 | 20000 | 82 | 4000 | 25 | 25 |
| TLD18W850ALTO | 18 | G13 | 59 | 1310 | 20000 | 80 | 5000 | 25 | 25 |
| TLD18W865ALTO | 18 | G13 | 59 | 1275 | 20000 | 80 | 6500 | 25 | 25 |
| TLD36W830ALTO | 36 | G13 | 103 | 3250 | 20000 | 83 | 3000 | 25 | 25 |
| TLD36W840ALTO | 36 | G13 | 103 | 3250 | 20000 | 82 | 4000 | 25 | 25 |
| TLD36W850ALTO | 36 | G13 | 103 | 3170 | 20000 | 80 | 5000 | 25 | 25 |
| TLD36W865ALTO | 36 | G13 | 103 | 3070 | 20000 | 80 | 6500 | 25 | 25 |
| TLD58W830ALTO | 58 | G13 | 111 | 5150 | 20000 | 83 | 3000 | 25 | 25 |
| TLD58W840ALTO | 58 | G13 | 111 | 5200 | 20000 | 82 | 4000 | 25 | 25 |
| TLD58W850ALTO | 58 | G13 | 111 | 4950 | 20000 | 80 | 5000 | 25 | 25 |
| TLD58W865ALTO | 58 | G13 | 111 | 4800 | 20000 | 80 | 6500 | 25 | 25 |