



# TuffGuard Coated T8

F32T8/TL841 XLL ALTO/TG

When you select Philips TuffGuard™ Fluorescent lamp with ALTO® lamp technology, you are reducing the impact on the environment, while the coating helps to protect your customers, employees, and reputation. Philips TuffGuard™ fluorescent lamps meet sustainability requirements because they reduce the impact on the environment with low mercury, energy efficiency and long life. The patented green endcaps mean you're using ALTO low-mercury technology. The 16 mils thick coating on TuffGuard™ fluorescent lamps forms a protective seal from end to end and is guaranteed to last the average rated life of the lamp under specific conditions

## Product data

### • General Characteristics

Base	Medium Bi-Pin [Medium Bi-Pin Fluorescent]
Base Information	Green Base
Bulb	T8
Energy Saving	Energy Saving
Rated Avg Life [12-Hr Prog St]	52000 hr
Rated Avg Life [12-Hr Inst St]	46000 hr
Rated Avg Life [3-Hr Prog St]	46000 hr
Rated Avg Life [3-Hr Inst St]	40000 hr

### • Light Technical Characteristics

Color Code	TL841 [CCT of 4100K]
Color Rendering Index	85 Ra8
Color Designation	TL841
Color Temperature	4100 K
Initial lumen	2950 Lm
Design Mean Lumens	2800 Lm

### • Electrical Characteristics

Watts	32 W
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### • Environmental Characteristics

Mercury (Hg) Content	1.7 mg
Picogram per Lumen Hour	17 p/LuHr

### • Product Dimensions

Nominal Length [inch]	48
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### • Footnotes

Footnotes Fluorescent/CFL	920 [Circle E- The encircled E means this bulb meets Federal minimum efficiency standards.]
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### • Product Data

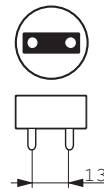
Product number	283036
Full product name	F32T8/TL841 XLL ALTO/TG
Short product name	F32T8/TL841/XLL/ALTO TG 30PK
Pieces per Sku	1
eop_pck_cfg	30
Skus/Case	30
Bar code on pack	46677283032
Bar code on case	50046677283037
Logistics code(s)	927852484105
eop_net_weight_pp	0.001 kg

# PHILIPS

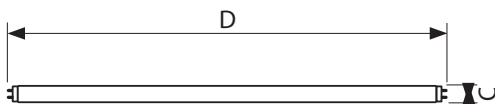
### Warnings and Safety

- All HO lamps recommended for use only in open fixtures.

### Dimensional drawing



G13



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data subject to change