



# TuffGuard Coated T12

F96T12 CW ALTO HO-O 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                         | R17d [Recessed Double Contact Bay (RDC Bay-Fluorescent)] |
| Base Information             | Green Base   |
| Bulb                         | T12  |
| Rated Avg. Life [3 hr Start] | 12000 hr   |
| Energy Saving                | Not Applicable   |

### • Light Technical Characteristics

|                       |            |
|-----------------------|------------|
| Color Code            | 33         |
| Color Rendering Index | 62 Ra8     |
| Color Designation     | Cool White |
| Color Temperature     | 4100 K     |
| Initial lumen         | 8800 Lm    |
| Design Mean Lumens    | 7650 Lm    |

### • Electrical Characteristics

|       |       |
|-------|-------|
| Watts | 110 W |
|-------|-------|

### • Environmental Characteristics

|                      |        |
|----------------------|--------|
| Mercury (Hg) Content | 6.8 mg |
|----------------------|--------|

### • Product Dimensions

|                       |    |
|-----------------------|----|
| Nominal Length [inch] | 96 |
|-----------------------|----|

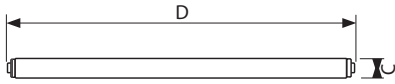
### • Footnotes

|                           |   |
|---------------------------|---|
| Footnotes Fluorescent/CFL | 223 [Meets the National Energy Policy Act of 1992 exemption for outdoor or cold temperature applications only. (223)] |
|---------------------------|---|

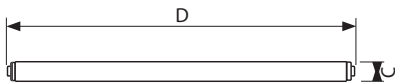
### • Product Data

|                    |                        |
|--------------------|------------------------|
| Product number     | 163014                 |
| Full product name  | F96T12 CW ALTO HO-O TG |
| Short product name | F96T12 CW ALTO HO-O TG |
| Pieces per Sku     | 1                      |
| eop_pck_cfg        | 15                     |
| Skus/Case          | 15                     |
| Bar code on pack   | 46677163013            |
| Bar code on case   | 50046677163018         |
| Logistics code(s)  | 927895203332           |
| eop_net_weight_pp  | 0.001 kg               |

## Dimensional drawing



T12 Recessed Double Contact  
R17d, T12



T12 Recessed Double Contact  
R17d, T12



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data subject to change