

Dellux T105O-HH Luminaire

The Dellux T105O-HH assembly is very simple and can be installed by a single person. The installation time is also reduced since there is no need to open the Luminaire enclosure for wire connections.

Our Luminaire enclosure is made of 316L solid stainless steel. Moreover, two temper seals are placed on each enclosure to ensure Luminaire integrity. Once the enclosure has been opened, the gaskets are not re-usable and Dellux can no longer guarantee the sealing and proper functioning of the Luminaire.

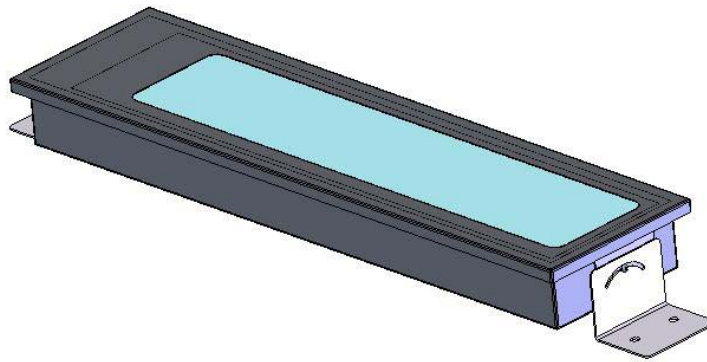


Figure 1 –View of Dellux T105O- HH¹

1 Physical characteristics

Length	100	Cm
Width	30	Cm
Thickness (excluding brackets)	10	Cm
Weight	10	kg
Storage temperature (ambient)	-40 to 65	°C

Table 1 – T105O-HH Physical characteristics

¹ Excluding brackets might be welded on top of the luminaire to allow the installation on cable tray.

2 Material characteristics

Housing	Stainless steel (316L) according to EN 1.4404/SS 142348
Sealing Gasket	White silicone with adhesive
Glass	Tempered Glass Thickness: 3.4mm
Connector	IEC309 2P+T 230V 16A- IP67
Power cable	1.5m type H07BQ-F
PC-boards	Aluminum (metal core) Thickness: 1.5mm

Table 2 - T1050-HH Material characteristics

3 Electrical characteristics

Supply voltage	90 – 240	VAC
Lamp power for daytime at 100% intensity	150	W
Percentage of LED used at full power	Day: 100	%
Dimmable intensity	0-100	%
Operating temperature	-30 to 55	°C
Communication	Power line	-
Time to re-strike after power interruption	3-4 seconds	

Table 3 - T1050-HH electrical characteristics

4 Optical characteristics

Stabilized life-time lamp lumen rating (at 100%)	10'000 Lumens
Time to reach 80% of max luminous flux switching	Less than 1 second
Rated life	>45000h before light degradation (10years considering 12h per day)
LED Color	White : 5200-6500°K CCT

Table 4 - T1050-HH optical characteristics

5 Power Cable

Dellux T105O-NX Luminaire uses a « powerline » communication system. This means that data travels on the powerline. Luminaires provided for the installation, have a 1.5 meters long cable type H07BQ-F, with IEC309 2P+T 230V 16A-IP67 connector.

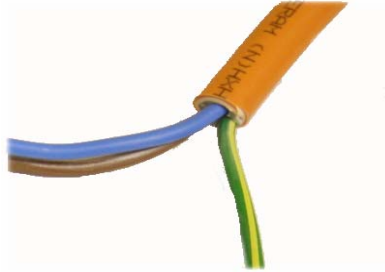


Figure 2 – 3-wires cable

	Color	Connection
1	Brown	L1 phase of the 230 VAC
2	Blue	Neutral of 230 VAC
3	Green	GND

Table 5– Dellux T105O-HH connections

6 Installation

Two brackets (made of 316T stainless steel) are welded on top of the luminaire to allow the installation. The luminaire will be installed with a tilt of 45-50 degrees for counter-beam lighting, on the existing cable trays.

