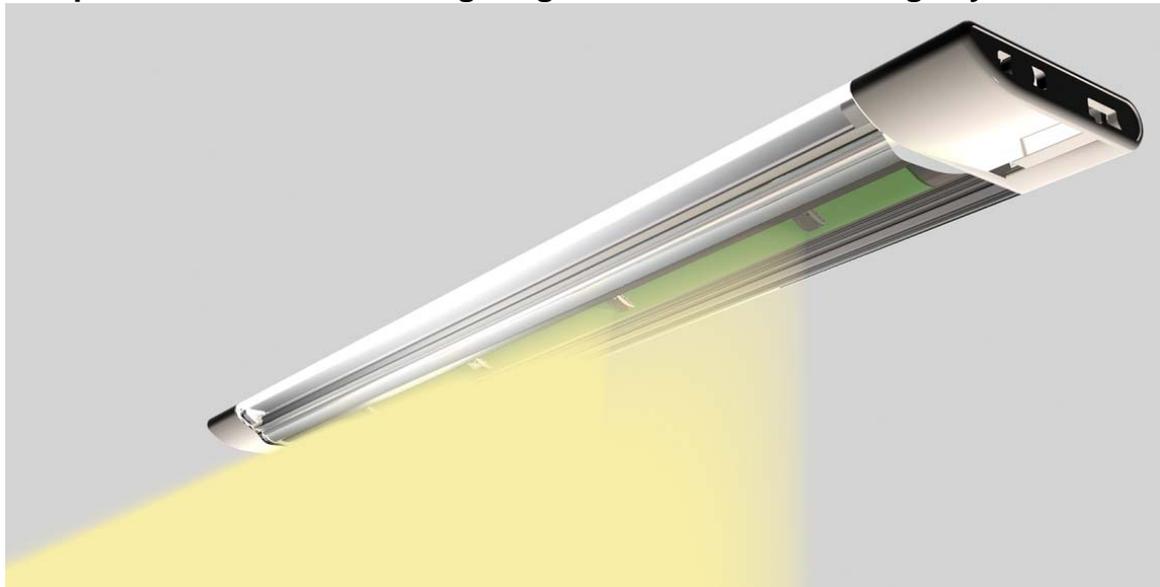


Light up your chilled food sales

Philips Affinium LED cooler lighting 110, the energy efficient lighting Solution for refrigerated multidecks



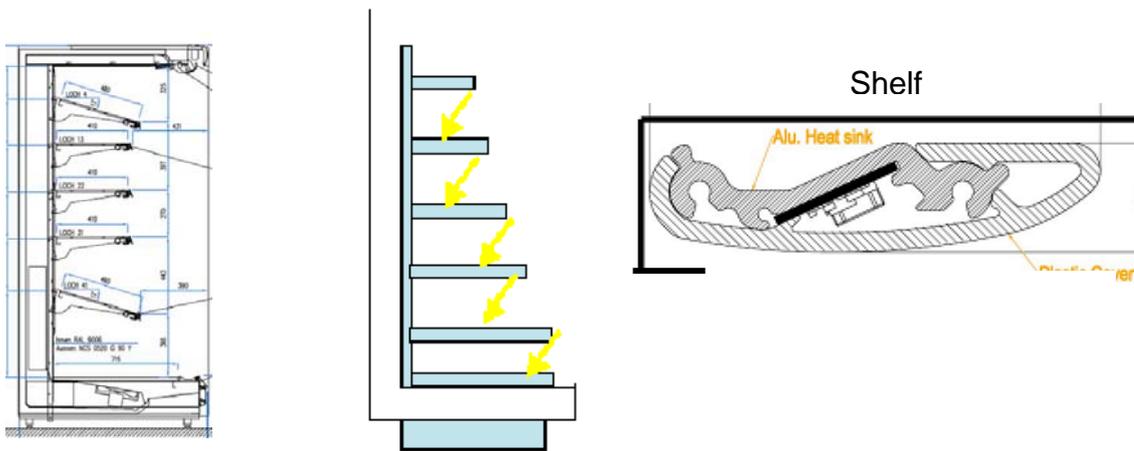
Philips Affinium LED cooler lighting 110 offers the following key benefits:



- 1) An excellent Total Cost of Ownership with attractive payback times
 - a. Save more than half of the energy consumption compared to current TL 36 W lamp
 - b. Maintenance free installation
 - c. Simple and mistaken-proof installation cuts down the installation time and cost
- 2) Enhance the aesthetic appearance of chilled products
 - a. Pleasant and evenly distributed light across the face of product, as well as in the back part of the shelf
 - b. Unobtrusive design of the lighting modules (thinnest ever) provides convenient view and reach for your customers.
- 3) Extend the shelf life of the chilled products, leading to less spillage
 - a. No harmful ultra violet (UV) and no Infrared (IR)
 - b. Minimum heat generated
- 4) Concretely support the sustainability green image



Application: under Refrigerated Multidecks Shelf



Energy Consumption and Lumen:

Different scenarios for prototypes:

	Watt (typical value)	System Lumen
LCM 110 1200 mm (47") NW	20	780
LCM 110 1200 mm (47") NW	16	625
LCM 110 1200 mm (47") NW	12	470

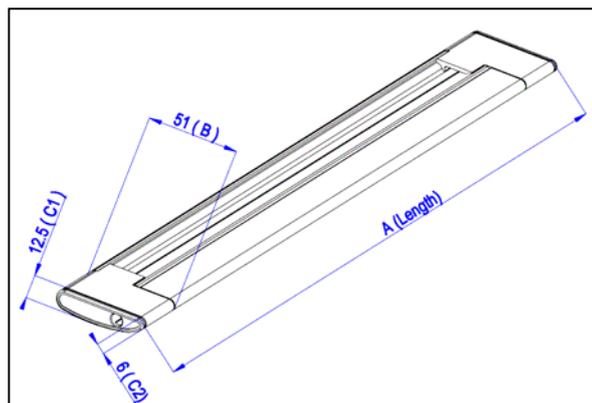
Color Temperature

Affinium LED Cooler modules 110 offers 2 color temperature.

4100 K neutral white @ Ra= 75 and

2700 K warm white @ Ra= 92, ideal for meat products

Dimensions (mm)



all value in mm	A (Length)	B	C1	C2
LCM 110 1200mm (47") modules	1200	51	12.5	6
LCM 110 900mm (35") modules	900	51	12.5	6
LCM 110 600mm (23") modules	600	51	12.5	6

Lifetime

The lifetime of the modules is rated at 50 000 hours (70% lumen maintenance)

Temperature

Operating temperature (performances): Toperating min -10°C / max +25°C

Safety temperature (operating, no defects) Tsafety min -20°C / max +45°C

Storage temperature Tstorage min -20°C / max +60°C

Enhanced safety

Due to the use of Safety Extra Low Voltage (SELV) operating voltages, safety is ensured even if wiring or units become damaged (provided a SELV rated power supply is used).

Compliances and approvals

Philips Affinium LED freezer modules comply with all the applicable legislation, such as RoHS (Restriction of Hazardous Substances) and WEEE (Waste Electrical and Electronic Equipment).

This means all components used are lead-free and soldered in a lead-free soldering process (EU directive 2002/95/EC).

ENEC

CE

Product safety, class III

RoHS compliant

WEEE

EU directive 2002/95/EC

Sample datasheet,
Data supposed to be changed
without further notice

© 2008 Royal Philips Electronics N.V.

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner.

The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent or other industrial or intellectual property rights.