FUTURA MAX

NEW

... for extreme temperatures -40 °C to +55 °C.

USE

The light fitting is suitable for indoor and outdoor with roof with extreme ambient temperatures from **(-40 °C to +55 °C)**. The fixture is designed especially for refrigeration, cold stores, bakeries, heating plants, metallurgical lines, glass factories and other premises without the danger of explosion of gases, dusts and flammable vapors.

The light fitting is resistant to dust, moisture and spouting water. The body and the diffuser made of polycarbonate (PC) have the increased resistance against deformation and impact.

(It is necessary to consider exhalation in the air which can reduce the usability of the plastic and aluminium at installations in an aggressive environment, see also page 127).

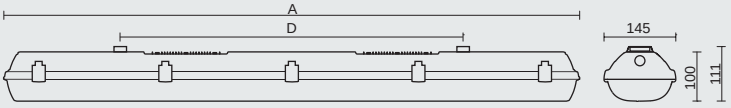
ADVANTAGES

- Light fitting protection **IP66**
- Minimum ambient temperature up to t_a **= -40 °C**
- Maximum ambient temperature up to t_a **= 55 °C**
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: grey polycarbonate with Al coolers (PC Al) = high mechanical resistance
- Up to 45 % lower electricity consumption when compared to tubes T5
- Constant luminous flux even in ambient temperature of -40 °C
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K
- Through-wiring of up to 10 wires at body
- Certification: ESČ, ENEC, CB, HACCP

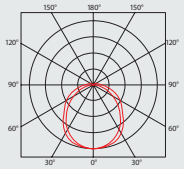
FUTURA MAX PCc Al

TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Minimum ambient temperature: t_a = -40 °C
- Maximum ambient temperature: t_a = 55 °C
- Maximum system efficacy: 148 lm/W
- The watt and lumen values can, in accordance with valid standards, vary by ± 7,5 %
- Standard model - CRI > 80: 4000 K
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent polycarbonate (PC), UV stable, impact-resistant
- Body: grey polycarbonate with Al coolers (PC Al), UV stable, impact-resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5
- Distance part: polyamide + 10 % glass fibre
- Terminal block: screwless, three-pole (basic version)
- Installation: package contains stainless hooks and stainless brackets
- Electric equipment: LED modules, current driver



FUTURA MAX 2.4ft



Code	Type	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
	For ambient temperature t_a = 55 °C - body: grey polycarbonate with Al coolers - diffuser: translucent polycarbonate							
79800	FUTURA MAX 2.4ft PCc Al 8800/840	8800	8050	55	146	3,0	1172	700
79810	FUTURA MAX 2.5ft PCc Al 11000/840	11000	10070	68	148	3,9	1452	940

FUTURA MAX PCc Al

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
79800	FUTURA MAX 2.4ft PCc Al 8800/840	79801	79803	x	x	x	x
79810	FUTURA MAX 2.5ft PCc Al 11000/840	79811	79813	x	x	x	x

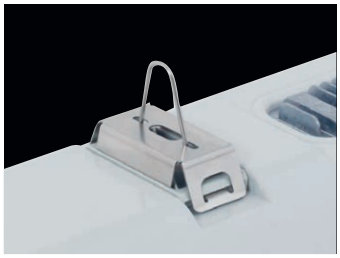
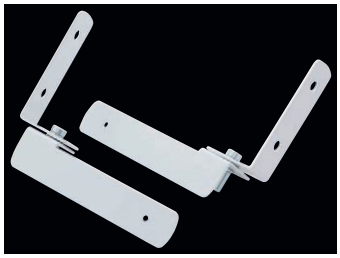
Example of type marking: 79813 = FUTURA MAX 2.5ft PCc Al 11000/840 **3F**

LEGEND

1F – 1 phase wiring cables for through-wiring
3F – 3 phase wiring cables for through-wiring

LIGHT FITTING ATTACHMENT

a) Directly to a ceiling or a wall with the use of screws and stainless brackets
b) Suspension with the use of stainless hooks
c) Attachment with the use of side hangers to the wall

LIGHT FITTING DETAILED VIEW

FUTURA MAX