

# FUTURA MAX

NEW



BIM ready

... for extreme temperatures -40 °C to +70 °C.

## USE

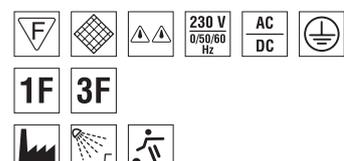
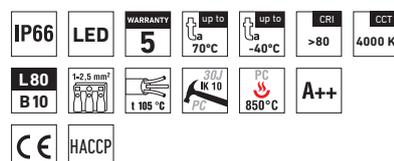
The light fitting is suitable for indoor and outdoor use with roof with extreme ambient temperatures from **[-40 °C to +70 °C]**. The light fitting is destined mainly for heating stations, metallurgical lines, glass-works, as well as for freezers, cooling plants and other premises without danger of explosion 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 193).

## ADVANTAGES

- Light fitting protection **IP66**
- Minimum ambient temperature up to **t<sub>a</sub> = -40 °C**
- Maximum ambient temperature up to **t<sub>a</sub> = 70 °C**
- Lifetime: 50,000 hours / L80B10
- Possibility of using in even higher ambient temperatures under the condition of a shortened service life of the light fitting – parameters solved within a particular project
- 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: HACCP



# FUTURA MAX PCc Al



## TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Minimum ambient temperature:  $t_a = -40\text{ }^\circ\text{C}$
- Maximum ambient temperature:  $t_a = 70\text{ }^\circ\text{C}$
- Lifetime: 50,000 hours / L80B10
- Possibility of using in even higher ambient temperatures under the condition of a shortened service life of the light fitting – parameters solved within a particular project
- Maximum system efficacy: 151 lm/W
- The watt and lumen values can vary by  $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- 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)
- Ventilation plug: type BVPB-01 made of polyamide, size M12 x 1.5
- 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	Max. ambient temperature [°C]	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 $t_a = 70\text{ }^\circ\text{C}$ - body: grey polycarbonate with Al coolers - diffuser: translucent polycarbonate									
79820	FUTURA MAX 1.5ft PCc Al 4000/840	70	4000	3550	24	148	3,6	1452	940
79830	FUTURA MAX 1.5ft PCc Al 5500/840	65	5500	4780	33	145	3,6	1452	940
79840	FUTURA MAX 2.4ft PCc Al 6400/840	65	6400	5730	38	151	3,0	1172	700
79800	FUTURA MAX 2.4ft PCc Al 8800/840	60	8800	7640	52	147	3,0	1172	700
79850	FUTURA MAX 2.5ft PCc Al 8000/840	65	8000	7110	48	148	3,9	1452	940
79810	FUTURA MAX 2.5ft PCc Al 11000/840	60	11000	9550	65	147	3,9	1452	940

## FUTURA MAX PCc Al

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
79820	FUTURA MAX 1.5ft PCc Al 4000/840	79821	79823	x	x	x	x
79830	FUTURA MAX 1.5ft PCc Al 5500/840	79831	79833	x	x	x	x
79840	FUTURA MAX 2.4ft PCc Al 6400/840	79841	79843	x	x	x	x
79800	FUTURA MAX 2.4ft PCc Al 8800/840	79801	79803	x	x	x	x
79850	FUTURA MAX 2.5ft PCc Al 8000/840	79851	79853	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 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

