

FUTURA CLASS II



... with Class II insulation.

USE

It is suitable for **industrial, warehouse and agricultural buildings, sports premises, transport terminals, railway vehicle repair shops, platforms, traction substations, depots, parking lots and garages, workshops and laboratories** without explosion hazard.

The light fitting resists dust, humidity and spouting water. The body and the diffuser made of PC material have high mechanical resistance against impact and deformation.

Easy, fast and maximally **efficient mounting is achieved when using the cables with connectors delivered by us.**

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.

ADVANTAGES

- Light fitting protection **IP66**
- Maximum ambient temperature up to **t_a = 50 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: grey polycarbonate (PC) = high mechanical resistance
- Up to 45 % lower electricity consumption when compared to tubes T5
- In DALI version possibility of constant luminous flux for whole lifetime (CLO)
- Constant luminous flux even in ambient temperature of -25 °C

- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- It can be delivered in dimmable or emergency version
- Available in ABS chemical resistant version
- Through-wiring of up to 6 wires at body (2.4ft and 2.5ft)

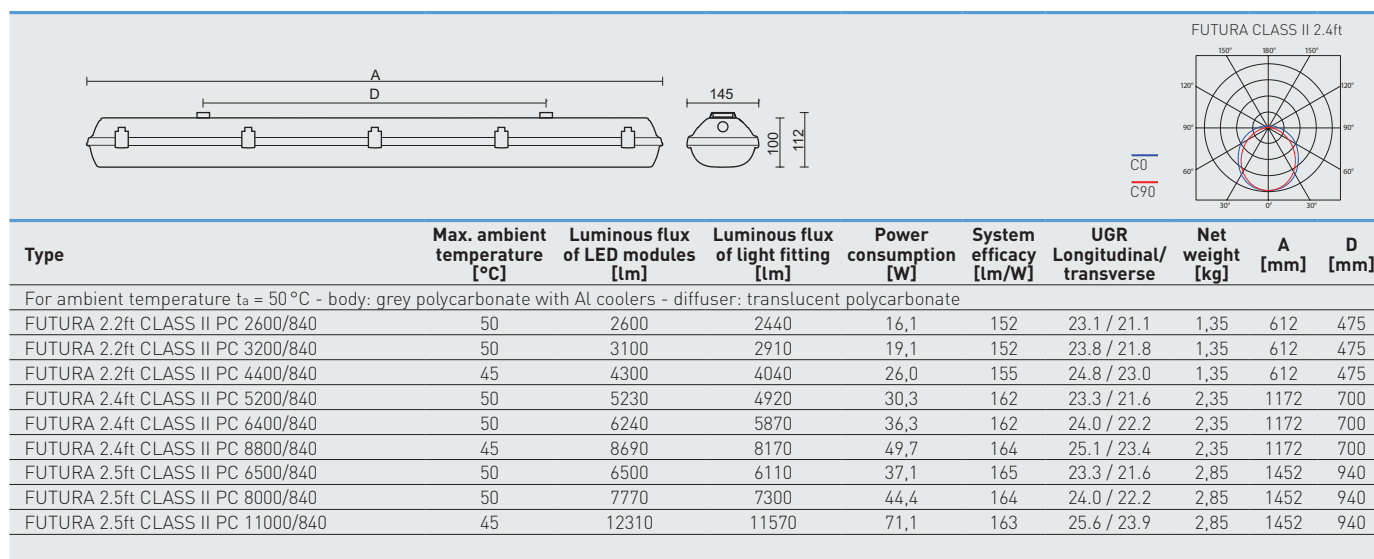


FUTURA CLASS II PC, PCc



TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Maximum ambient temperature: $t_a = 50^\circ\text{C}$, Maximum ambient temperature: $t_a = 0-25^\circ\text{C}$ (version with emergency back-up source for 1 or 3 hours; M1h, M3h)
- Maximum system efficacy: 165 lm/W
- AWEX emergency light module generates a luminous flux of 440 lm
- The watt and lumen values can vary by $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC), UV stable, impact-resistant
- Body: grey polycarbonate (PC), UV stable, impact-resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5
- Distance part: polyamide + 10 % glass fibre
- Terminal block: **Connectors with 2, 4 or 6 poles, wire section 1.5 or 2.5 mm**
- Installation: package contains stainless hooks and stainless brackets
- Electric equipment: LED modules, current driver or current driver DALI



47560 FUTURA 2.2ft CLASS II PC 3200/840 = suitable replacement for T8 fl. tube light fitting PRIMA 218 - 2 × 18W

47590 FUTURA 2.4ft CLASS II PC 6400/840 = suitable replacement for T8 fl. tube light fitting PRIMA 236 - 2 × 36W

47630 FUTURA 2.5ft CLASS II PC 8000/840 = suitable replacement for T8 fl. tube light fitting PRIMA 258 - 2 × 58W

FUTURA CLASS II PC

Code	Type
47550	FUTURA 2.2ft CLASS II PC 2600/840
47560	FUTURA 2.2ft CLASS II PC 3200/840
47570	FUTURA 2.2ft CLASS II PC 4400/840
47580	FUTURA 2.4ft CLASS II PC 5200/840
47590	FUTURA 2.4ft CLASS II PC 6400/840
47600	FUTURA 2.4ft CLASS II PC 8800/840
47620	FUTURA 2.5ft CLASS II PC 6500/840
47630	FUTURA 2.5ft CLASS II PC 8000/840
47640	FUTURA 2.5ft CLASS II PC 11000/840

Non-dimmable driver - plastic clips

1F	3F	M1h	M3h	3F M1h	3F M3h
x	x	47554	47555	x	x
x	x	47564	47565	x	x
x	x	47574	47575	x	x
47581	47583	47584	47585	47586	47587
47591	47593	47594	47595	47596	47597
47601	47603	47604	47605	47606	47607
47621	47623	47624	47625	47626	47627
47631	47633	47634	47635	47636	47637
47641	47643	47644	47645	47646	47647

FUTURA CLASS II PCc

Code	Type
47660	FUTURA 2.2ft CLASS II PCc 2600/840
47670	FUTURA 2.2ft CLASS II PCc 3200/840
47680	FUTURA 2.2ft CLASS II PCc 4400/840
47690	FUTURA 2.4ft CLASS II PCc 5200/840
47700	FUTURA 2.4ft CLASS II PCc 6400/840
47710	FUTURA 2.4ft CLASS II PCc 8800/840
47730	FUTURA 2.5ft CLASS II PCc 6500/840
47740	FUTURA 2.5ft CLASS II PCc 8000/840
47750	FUTURA 2.5ft CLASS II PCc 11000/840

Non-dimmable driver - stainless clips (c)

1F	3F	M1h	M3h	3F M1h	3F M3h
x	x	47664	47665	x	x
x	x	47674	47675	x	x
x	x	47684	47685	x	x
47691	47693	47694	47695	47696	47697
47701	47703	47704	47705	47706	47707
47711	47713	47714	47715	47716	47717
47731	47733	47734	47735	47736	47737
47741	47743	47744	47745	47746	47747
47751	47753	47754	47755	47756	47757

Example of type marking: 47717 = FUTURA 2.4ft CLASS II PCc 8800/840 **3F M3h**

FUTURA CLASS II PC DALI

Digital dimmable driver DALI - plastic clips

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
47770	FUTURA 2.2ft CLASS II PC 2600/840 DALI	x	x	47774	47775	x	x
47780	FUTURA 2.2ft CLASS II PC 3200/840 DALI	x	x	47784	47785	x	x
47790	FUTURA 2.2ft CLASS II PC 4400/840 DALI	x	x	47794	47795	x	x
47800	FUTURA 2.4ft CLASS II PC 5200/840 DALI	47801	47803	47804	47805	47806	47807
47810	FUTURA 2.4ft CLASS II PC 6400/840 DALI	47811	47813	47814	47815	47816	47817
47820	FUTURA 2.4ft CLASS II PC 8800/840 DALI	47821	47823	47824	47825	47826	47827
47840	FUTURA 2.5ft CLASS II PC 6500/840 DALI	47841	47843	47844	47845	47846	47847
47850	FUTURA 2.5ft CLASS II PC 8000/840 DALI	47851	47853	47854	47855	47856	47857
47860	FUTURA 2.5ft CLASS II PC 11000/840 DALI	47861	47863	47864	47865	47866	47867

FUTURA CLASS II PCc DALI

Digital dimmable driver DALI - stainless clips (c)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
47880	FUTURA 2.2ft CLASS II PCc 2600/840 DALI	x	x	47884	47885	x	x
47890	FUTURA 2.2ft CLASS II PCc 3200/840 DALI	x	x	47894	47895	x	x
47900	FUTURA 2.2ft CLASS II PCc 4400/840 DALI	x	x	47904	47905	x	x
47910	FUTURA 2.4ft CLASS II PCc 5200/840 DALI	47911	47913	47914	47915	47916	47917
47920	FUTURA 2.4ft CLASS II PCc 6400/840 DALI	47921	47923	47924	47925	47926	47927
47930	FUTURA 2.4ft CLASS II PCc 8800/840 DALI	47931	47933	47934	47935	47936	47937
47950	FUTURA 2.5ft CLASS II PCc 6500/840 DALI	47951	47953	47954	47955	47956	47957
47960	FUTURA 2.5ft CLASS II PCc 8000/840 DALI	47961	47963	47964	47965	47966	47967
47970	FUTURA 2.5ft CLASS II PCc 11000/840 DALI	47971	47973	47974	47975	47976	47977

Example of type marking: 47966 = FUTURA CLASS II 2.5ft PCc 8000/840 DALI **3F M1h**

LEGEND

CLASS II 1F	1-phase 2 core through-wiring in the luminaire
CLASS II 3F	3-phase 4 core through-wiring in the luminaire
M1h	emergency back-up source with 1 hour operating time for maintained emergency illumination
M3h	emergency back-up source with 3 hour operating time for maintained emergency illumination
CLASS II 3F Mxh	3-phase 4 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)
DALI	version with digital dimmable driver DALI
CLASS II DALI 1F	1-phase 4 core through-wiring in the luminaire
CLASS II DALI 3F	3-phase 6 core through-wiring in the luminaire
CLASS II DALI 3F Mxh	3-phase 6 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

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 - is not included in accessories

**LIGHT FITTING DETAILED VIEW**

FUTURA CLASS II



STUCCHI 37xx



WIELAND