

WARNING

- Parts List: LED T5 ECG Compatible Tube, Installation instructions
- Please read the installation instructions carefully and follow instructions to ensure safety
- The LED tube is only suitable with compatible HO-HE Ballast
- Only to apply in dry indoor usage and environments, outdoor applications requires IP rated fixtures.
- LED lamps must be installed by a professional electrician.
- Once it is installed, do not change any components or structure of the LED lamp.
- This lamp is designed for general lighting service (excluding e.g. explosive atmospheres)
- Ambient temperature (Ta): -20°C to 45°C (-4°F to 113°F)
- This lamp may not be suitable for use in all applications where a traditional fluorescent lamp has been used. The temperature range of this lamp is more restricted. In case of doubt regarding the suitability of the application the manufacturer of this lamp should be consulted.
- No modifications of the luminaire which the LED lamp is to be used with are to be made.
- Lumen-values may differ depending on HO-HE driver
- A limited amount of drivers require a specific direction of the lamp to be installed, please test the product and confirm functionality before any larger installation
- Not suitable for use with dimmers
- The lamp is design to replace;
 - 1149 mm : T5 G5 16W
 - 1449 mm : T5 G5 18,5W
 - 1449 mm : T5 G5 26W
 - 1149 mm : T5 G5 27W
 - 1449 mm : T5 G5 37W

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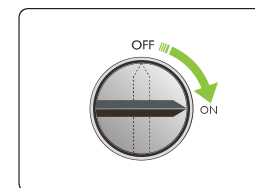
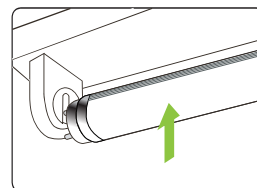
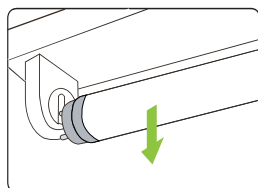
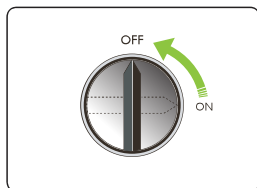


Manual / compatibility listAURA LED OPTI T5 LONG LIFE HO/HE HF

■ Specification

Length (mm)	Base	Power (W)	Color Temperature (K)
1149	G5	16	3000 / 4000
1449	G5	18,5	3000 / 4000
1449	G5	26	3000 / 4000
1149	G5	27	3000 / 4000
1449	G5	37	3000 / 4000





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|------------|---------------------------------------|--|---|-------------------------------------|
| EN | 1. Turn the power off | 2. Remove all existing fluorescent tubes from luminaires if any | 3. Install Aura Opti T5 Long Life HO/HE HF LED retrofit lamp, secure the position by turning the lamp by 90° | 4. Turn on the power |
| SE | 1. Stäng av strömmen | 2. Ta bort alla befintliga rör från armaturen | 3. Installera Aura Opti T5 Long Life HO/HE HF LED retrofit lamp, säkra positionen genom att vrida ljuskällan 90° | 4. Sätt på strömmen |
| NO | 1. Slå av strømmen | 2. Ta ut alle eksisterende lysrør fra armaturen | 3. Installer Aura Opti T5 Long Life HO/HE HF LED retrofit røret, sikre posisjon ved å vri på røret 90° | 4. Slå på strømmen |
| DK | 1. Sluk for spændingen | 2. Fjern alle lysstofrør fra armaturet | 3. Monter Aura Opti T5 Long Life HO/HE HF LED retrofit lysstofrør, sikre positionen ved at dreje lyskilden 90° | 4. Tænd for spændingen |
| FIN | 1. Katkaise virta | 2. Poista valaisimista kaikki loistelamput | 3. Asenna Aura Opti T5 Long Life HO/HE HF retrofit-lamppu varmista asennus kääntämällä lamppua 90° | 4. Kytke virta päällä |
| DE | 1. Schalten Sie die Leuchte stromfrei | 2. Entfernen Sie alle Leuchstofflampen insofern vorhanden | 3. Setzen Sie die Aura Opti T5 Long Life HO/HE HF LED-Röhre ein und drehen sie die Lampe um 90°, damit sie arretiert. | 4. Schalten Sie das Licht ein |
| NL | 1. Schakel de stroom uit | 2. Verwijder de fluorescentielamp-en indien aanwezig | 3. Installeer de Aura Opti T5 Long Life HO/HE HF retrofit lichtbron. Stel de positie van de lamp in door deze 90° te draaien. | 4. Schakel de stroom in |
| ES | 1. Desconecte la corriente | 2. Retire los fluorescentes de las luminarias | 3. Instale el tubo tipo retrofit Aura Opti T5 Long Life HO/HE HFLED. Asegurar la posición girando la lám pada 90°. | 4. Conecte la corriente |
| FR | 1. Coupez l'électricité | 2. Retirez tous les tubes fluorescents existants de luminaire | 3. Installez le tube Aura Opti T5 Long Life HO/HE HF LED retrofit et sécurisez sa position par une rotation à 90°. | 4. Mettez le luminaire sous tension |
| PT | 1. Desligue a corrente | 2. Remova todos os tubos fluorescentes existentes nas luminárias | 3. Instale a lâmpada LED retrofit Aura Opti T5 Long Life HO/HE HF, e assegure-se da sua posição a 90°. | 4. Ligue a corrente |
| IT | 1. Portare l'interruttore su OFF | 2. Smontare tutti i tubi fluorescenti eventualmente presenti negli apparecchi di illuminazione | 3. Installare il tubo retrofit LED Aura Opti T5 Long Life HO/HE HF LED fissare la posizione ruotando la lampada di 90°. | 4. Portare l'interruttore su ON |

Compatibility list for Aura Opti T5 HF

Do not use Aura Opti T5 Long Life HO/HE with other ballasts models, except for the ones referred to this list

Length (mm)	Brand	Model	OPTI T5 (W)	Compatibility Y/N	Length (mm)	Brand	Model	OPTI T5 (W)	Compatibility Y/N
1449	OSRAM	QTi 1x28/54/35/49 GII	26	Y	1449	TRIDONIC	PC 2x80 T5 PRO Ip	37	Y
1449	OSRAM	QTi 1x35/49/80 GII	26	Y	1449	b.a.g	MLS80.1FR-11/220-240	37	Y
1449	OSRAM	QT-FIT5 1x49	26	Y	1449	b.a.g	MLS80.1/54.2FR-11/220-240	37	Y
1449	OSRAM	QTP5 1x49	26	Y	1449	b.a.g	BCS80.2FX-11/220-240	37	Y
1449	OSRAM	QTP5 2x49	26	Y	1449	Vossloh	Type ELXc 180.634	37	Y
1449	OSRAM	QT-FIT5 2x49	26	Y	1449	Vossloh	Type ELXc 280.637	37	Y
1449	PHILIPS	HF-Pi 1 28/35/49/54 TL5 EII 220-240	26	Y	1149	OSRAM	QT-FIT 5/8 1x54-58	27	Y
1449	PHILIPS	HF-Pi 1 28/35/49/80 TL5 EII 220-240	26	Y	1149	OSRAM	QTi 1x28/54/35/49 GII	27	Y
1449	PHILIPS	HF-Pi 2 28/35/49/54 TL5 EII 220-240	26	Y	1149	OSRAM	QTi 2x28/54/35/49 GII	27	Y
1449	PHILIPS	HF-Pi 2 28/35/49/80 TL5 EII 220-240	26	Y	1149	OSRAM	QTP-OPTIMAL 1x54-58	27	Y
1449	PHILIPS	HF-P 149 TL5 HO III IDC	26	Y	1149	PHILIPS	HF-P 154/155 TL5 HO/PL-L III IDC	27	Y
1449	PHILIPS	HF-P 249 TL5 HO III IDC	26	Y	1149	PHILIPS	HF-P 254/255 TL5 HO/PL-L III IDC	27	Y
1449	PHILIPS	HF-P x1 249 TL5 EII 220-240	26	Y	1149	PHILIPS	HF-Pi 1 28/35/49/54 TL5 EII 220-240	27	Y
1449	PHILIPS	HF-S 149 TL5 II	26	Y	1149	PHILIPS	HF-Pi 2 28/35/49/54 TL5 EII 220-240	27	Y
1449	PHILIPS	HF-S 249 TL5 II	26	Y	1149	TRIDONIC	PC 1x54 T5 PRO Ip	27	Y
1449	TRIDONIC	PC 1x49 T5 TOP Ip	26	Y	1149	TRIDONIC	PC 2x54 T5 PRO Ip	27	Y
1449	TRIDONIC	PC 1x49 T5 PRO Ip	26	Y	1149	TRIDONIC	PC 1x54 T5 TOP Ip	27	Y
1449	TRIDONIC	PC 2x49 T5 TOP Ip	26	Y	1149	b.a.g	BCS54.1FR-01/220-240	27	Y
1449	OSRAM	QTP5 1x80	37	Y	1149	b.a.g	MLS80.1FR-11/220-240	27	Y
1449	OSRAM	QTi 1x35/49/80 GII	37	Y	1149	b.a.g	MLS80.1/54.2FR-11/220-240	27	Y
1449	OSRAM	QTi 2x35/49/80 GII	37	Y	1149	b.a.g	MLS80.1/54.2FR-11/220-240	27	Y
1449	OSRAM	QT-FQ 2x80	37	Y	1149	Philips	HF-S 154 TL5 II	27	Y
1449	PHILIPS	HF-P 1 80 TL5/PL-L III IDC	37	Y	1149	Philips	HF-P 154/155 TL5 HO/PL-L III IDC	27	Y
1449	PHILIPS	HF-S 1 80 TL5/PL-L II	37	Y	1149	vossloh	Type ELXc 154.864	27	Y
1449	PHILIPS	HF-P 2 80 TL5/PL-L III IDC	37	Y	1149	b,a,g	BCS54.1FX-11/220-240	27	Y
1449	TRIDONIC	PC 1x80 T5 PRO Ip	37	Y					

Aura Opti T5 Long Life HO / HE HF, Compatibility list

Length (mm)	Brand	Model	OPTI T5 (W)	Compatibility Y/N	Length (mm)	Brand	Model	OPTI T5 (W)	Compatibility Y/N
1449	OSRAM	QT-FIT5 1x14-35	18.5	Y	1449	TRIDONIC	PC 2x35 T5 TOP Ip	18.5	Y
1449	OSRAM	QT-FIT5 2x14-35	18.5	Y	1449	b.a.g	BCS35.1FX-11/220-240	18.5	Y
1449	OSRAM	QTP5 1x14-35	18.5	Y	1149	OSRAM	QTP5 1x14-35	16.0	Y
1449	OSRAM	QTP5 2x14-35	18.5	Y	1149	OSRAM	QTP5 2x14-35	16.0	Y
1449	OSRAM	QTi 1x35/49/80 GII	18.5	Y	1149	OSRAM	QT-FIT5 1x14-35	16.0	Y
1449	OSRAM	QTi 2x35/49/80 GII	18.5	Y	1149	OSRAM	QT-FIT5 2x14-35	16.0	Y
1449	OSRAM	QTi 1x28/54/35/49 GII	18.5	Y	1149	PHILIPS	HF-P 1 14-35 TL5 HE III IDC	16.0	Y
1449	OSRAM	QTi 2x28/54/35/49 GII	18.5	Y	1149	PHILIPS	HF-P 2 14-35 TL5 HE III IDC	16.0	Y
1449	PHILIPS	HF-P 1 14-35 TL5 HE III IDC	18.5	Y	1149	PHILIPS	HF-Pi 1 28/35/49/54 TL5 EII 220-240	16.0	Y
1449	PHILIPS	HF-P 2 14-35 TL5 HE III IDC	18.5	Y	1149	PHILIPS	HF-Pi 2 28/35/49/54 TL5 EII 220-240	16.0	Y
1449	PHILIPS	HF-Pi 1 28/35/49/54 TL5 EII 220-240	18.5	Y	1149	TRIDONIC	PC 1x14-35 T5 PRO Ip	16.0	Y
1449	PHILIPS	HF-Pi 2 28/35/49/54 TL5 EII 220-240	18.5	Y	1149	TRIDONIC	PC 2x14-35 T5 PRO Ip	16.0	Y
1449	PHILIPS	HF-S 1 28-35 TL5 II	18.5	Y	1149	TRIDONIC	PC 1x14-35 T5 TOP Ip	16.0	Y
1449	TRIDONIC	PC 1x14-35 T5 PRO Ip	18.5	Y	1149	TRIDONIC	PC 2x14-35 T5 TOP Ip	16.0	Y
1449	TRIDONIC	PC 2x14-35 T5 PRO Ip	18.5	Y	1149	TRIDONIC	PC 2/14-35/49/54 T5 PRO-M Ip	16.0	Y
1449	TRIDONIC	PC 1x14-35 T5 TOP Ip	18.5	Y	1149	OSRAM	QTi 1x28/54/35/49 GII	16.0	Y
1449	TRIDONIC	PC 2/14-35/49/54 T5 PRO-M Ip	18.5	Y	1149	OSRAM	QTi 2x28/54/35/49 GII	16.0	Y