

Note:

## LED Shatterproof Glass Hybrid Type A+B CCT Adjustable Tube





Application: Supermarket, office, shopping mall, hotel, hospital, school showroom, and more commercial and industrial applications

SPECIFICATION				
Model NO.	HYA-T8-4FT-18W-AB3CCT			
Power	AC120-277V			
Input Voltage	18W			
Luminous Flux	2160lm			
CRI	>80			
Power Factor	>0.9			
ССТ	3500К-4000К-5000К			
Beam Angel	207			
THD	<20%			
IP Rating	IP20			
Operating Temperature	-4°F~+113°F / -20°~+45°			
Finish	White			
Lifespan	Maintains at least 70% light output for up to 50,000 hours			
DLC ID #	S-LRN6BT			

#### **GENERAL DESCRIPTION**

This product offers 3 CCTs in 1 for versatile lighting effects, ensuring compatibility and cost-effectiveness. It also includes a thermal fuse and dedicated leakage protection for safety.

#### FEATURE

- High Energy Efficiency: Save more than 60% energy compared to T8 fluorescent lamps. RoHS Compliant and Mercury-Free, addressing disposal concerns.
- Instant-On Light with No Flicker: Enjoy immediate illumination without any flickering.
- High Uniformity of Light: Experience consistent and evenly distributed lighting.
- Hybrid Series Type A+B for Fast and Easy Installation: Hybrid mode enables seamless installation with or without a ballast, ensuring perfect compatibility and cost-effectiveness.

### **Ordering Guide**

Model NO: HYA-T8-4FT-18W-AB3CCT								
Company Code	Product	Material	Length	Watt	Wiring	ССТ		
НҮА	T8: 4FT A+BTube	Outer film glass	4 FT	18W	A+B: Hybird with or without ballast	3500K 4000K 5000K		



# LED Shatterproof Glass Hybrid Type A+B CCT Adjustable Tube

### DIMENSION

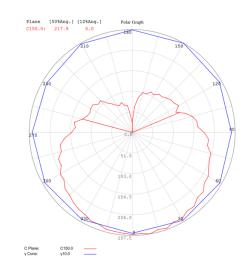


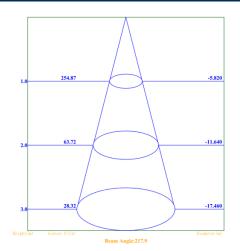
Maximum Overall Length	4FT (in)
А	47.2
В	47.5
С	47.7

#### PACKAGE INFO

Model. No.	HYA-T8-4FT-18W-AB3CCT -35K/40K/50K
Size	4FT
QTY/PACK	25PCS
Package Size	1270x 180x 198mm 50"x 7.1"x 7.8"
Package Weight	6.3kg/13.89lbs
Package CBM	0.045
20GP Capacity	11400
40GP Capacity	30000
40HQ Capacity	36000
45HQ Capacity	40300

#### **PHOTOMETRIC REPORT**



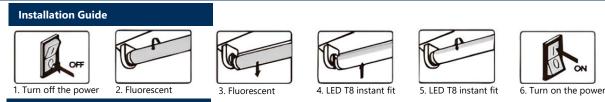




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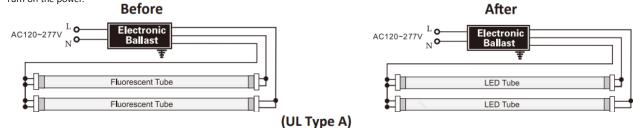
#### INSTALLATION



#### **Plug and Play Procedure**

#### 1. Switch off the power.

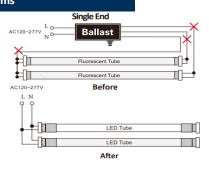
- 2. Remove the diffuser (if provided).
- Take out the fluorescent tubes. Please dispose of them properly as they contain mercury. 3.
- 4 Choose the appropriate CCT, then insert the LED tube into the lighting fixture.
- 5. Install the LED tubes and close the diffuser (if provided).
- 6 Turn on the power.

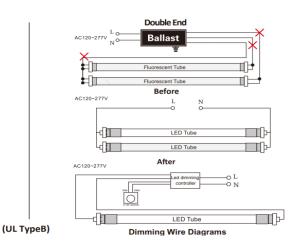


#### **Retrofit Procedure**

- 1. Switch off the power.
- 2. Remove the diffuser (if provided).
- 3. Take out the fluorescent tubes. Please dispose of them properly as they contain mercury.
- 4. Cut the wires according to the diagram.
- 5 Connect the new wires to the branch circuit as indicated.
- 6. Replace the cover over the wiring channel.
- 7. Install the LED tubes and close the diffuser.
- 8. Turn on the power.

### Wire Diagrams





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- These LED tubes should only be installed by a licensed electrician. 1.
- 2. Use these LED tubes indoors only (in damp or dry locations). They are not suitable for wet locations.
- 3. Before installation, ensure that tombstones/lamp holders are in good condition and not defective.
- Verify that the brand and model number of the ballast for the replacement tube are listed in our compatible ballast list. 4
- 5. Check that the ballast is operational and still under warranty before installation.
- 6. Properly position the LED tubes/613 pins into the socket during installation.
- This device is not intended for use with emergency exits. 7.
- 8. These LED tubes cannot be directly used with phase-cut dimmers or 0/1-10V dimmers. Please use a customized 1-10V dimming driver to enable dimming functionality.
- 9. The manufacturer is not responsible for any damage to the product or property due to improper installation. Please refer to the Installation Instructions above for guidance.
- The data is based on tests conducted in controlled conditions, and actual performance may vary depending on operating conditions. Additionally, please be aware that products are subject to change or discontinuation without prior notice.



Project Name: \_\_\_ Date: \_\_\_\_

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# Ballast List For T8 LED Tube

Our tubes are compatible with the listed ballasts. Using our LED Tube with unlisted ballasts may risk damage or losses. We're not liable for such issues if instructions aren't followed. We constantly test and update our compatibility list. If your ballast isn't listed, please contact us for help.

AP-332IP-UNV-M       ADVANCE       1     IOPA-4P32-LW-N       ESPEN     VE232MVHIPLE       2     VE232MVHIPE       3     VE432MVHIPE       4     VE432MVHIPE       5     VE432120HIP       6E     GE322MAX-L/Ultra       2     GE332MAX-N/Ultra       3     GE232MAX-N/Ultra       3     GE232MAX-N/Ultra       3     GE232MAX-N/Ultra       3     GE232MAX-N/Ultra       6     GE332-MVPS-N       5     GE332-MVPS-N       6     GE332-MVPS-N       7     GE432-120RESDIYB       9     GE-240-RS-MV-N       0     GE232-N-347       1     GE132MAX-H/ULTRA       Holco     HOWARD INDUSTRIES       1     EP3/32IS/MV/MC/HE       HOWARD INDUSTRIES     EP3/32IS/MV/MC/HE       1     EP3/32IS/INV/MC/HE       2     KTEB-232RIS-1-TP-SL       2     KTEB-232RIS-1-TP-SL/Ga       0     SRAM       1     QHE 2x32T8/UNV ISN-SC       <		ACCUPRO
ADVANCE     IOPA-4P32-LW-N     ESPEN     VE232MVHIPLE     VE232MVHIPE     VE432MVHIPE     VE432MVHIPE     VE432MVHIPE     VE432MVHIPE     VE432MVHIPE     VE432MVHIPE     VE432MVHIPE     GE     GE     GE32MAX-L/Ultra     GE332MAX-N/Ultra     GE332MAX347-N     GE332-MVPS-N     GE332-MVPS-N     GE332-MVPS-N     GE432-MVPS-N     GE432-MVPS-N     GE432-MVPS-N     GE432-MVPS-N     GE132MAX-H/VLTRA     Holco     GE132MAX-H/ULTRA     Holco     EP3/32IS/L/MV/HE     HOWARD INDUSTRIES     EP3/32IS/MV/MC/HE     KEYSTONE     KTEB-232RIS-1-TP-SL     KTEB-232RIS-1-TP-SL/Ga     OSRAM     QHE 2x32T8/UNV ISN-SC	1	AP-432IP-UNV
IOPA-4P32-LW-N       ESPEN       VE232MVHIPLE       VE232MVHIPE       VE432MVHIPE       VE432MVHIPLE       VE432MVHIPLE       VE432MVHIPLE       VE432MVHIPLE       VE432MVHIPLE       VE432120HIP       GE       GE32MAX-L/Ultra       GE332MAX-N/Ultra       GE332MAX-N/Ultra       GE432MAX347-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-NVPS-N       GE432-NVPS-N       GE232-N-347       GE132MAX-H/ULTRA       Halco       1       EP232IS/L/MV/HE       HOWARD INDUSTRIES       1       EP3/32IS/MV/MC/HE       KEYSTONE       1       KTEB-232RIS-1-TP-SL       2       KTEB-232RIS-1-TP-SL/Ga       OSRAM       1       QHE 2x32T8/UNV ISN-SC       2<	2	AP-332IP-UNV-M
IOPA-4P32-LW-N       ESPEN       VE232MVHIPLE       VE232MVHIPE       VE432MVHIPE       VE432MVHIPLE       VE432MVHIPLE       VE432MVHIPLE       VE432MVHIPLE       VE432MVHIPLE       VE432120HIP       GE       GE232MAX-L/Ultra       GE32MAX-N/Ultra       GE232MAX347-N       GE432MAX347-N       GE332-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-MVPS-N       GE432-NVPS-N       GE432-NVPS-N       GE232-N-347       GE132MAX-H/ULTRA       Halco       1       EP232IS/L/MV/HE       HOWARD INDUSTRIES       1       EP3/32IS/MV/MC/HE       KEYSTONE       1       KTEB-232RIS-1-TP-SL       2       KTEB-232RIS-1-TP-SL/Ga       OSRAM       1     QHE 2x32T8/UNV ISN-SC       2     QHE 3	0	ADVANCE
1   VE232MVHIPLE     2   VE232MVHIPE     3   VE432MVHIPE     4   VE432MVHIPLE     5   VE432120HIP     GE   GE     1   GE232MAX-L/Ultra     2   GE332MAX-N/Ultra     3   GE232MAX-N/Ultra     3   GE232MAX347-N     4   GE432MAX347-N     5   GE332-MVPS-N     6   GE332-MVPS-N     6   GE332-MVPS-N     6   GE332-MVPS-N     7   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	1	
2   VE232MVHIPE     3   VE432MVHIPE     4   VE432MVHIPLE     5   VE432120HIP     6   GE     1   GE232MAX-L/Ultra     2   GE332MAX-N/Ultra     3   GE232MAX-N/Ultra     3   GE232MAX-N/Ultra     3   GE232MAX-N/Ultra     3   GE232MAX347-N     4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     6   GE332-MVPS-N     7   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Holco   I     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE   I     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   I     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC		ESPEN
3   VE432MVHIPE     4   VE432MVHIPLE     5   VE432120HIP     6   GE     1   GE232MAX-L/Ultra     2   GE332MAX-N/Ultra     3   GE232MAX347-N     4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	1	VE232MVHIPLE
4   VE432MVHIPLE     5   VE432120HIP     6   GE     1   GE232MAX-L/Ultra     2   GE332MAX-N/Ultra     3   GE232MAX347-N     4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     HOLCO   HOWARD INDUSTRIES     1   EP3/32IS/L/MV/HE     HOWARD INDUSTRIES   EP3/32IS/MV/MC/HE     1   EP3/32IS/MV/MC/HE     KEYSTONE   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	2	VE232MVHIPE
Substrate     Substrate       5     VE432120HIP       6     GE       1     GE232MAX-L/Ultra       2     GE332MAX-N/Ultra       3     GE232MAX347-N       4     GE432MAX347-N       5     GE232-MVPS-N       6     GE332-MVPS-N       6     GE332-MVPS-N       7     GE432-120RESDIYB       9     GE-240-RS-MV-N       0     GE232-N-347       1     GE132MAX-H/ULTRA       Halco     1       1     EP232IS/L/MV/HE       HOWARD INDUSTRIES       1     EP3/32IS/MV/MC/HE       KEYSTONE       1     KTEB-232RIS-1-TP-SL       2     KTEB-232RIS-1-TP-SL/Ga       OSRAM     1       1     QHE 2x32T8/UNV ISN-SC       2     QHE 3x32T8/UNV ISN-SC	3	VE432MVHIPE
GE     1   GE232MAX-L/Ultra     2   GE332MAX-N/Ultra     3   GE232MAX347-N     4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	4	VE432MVHIPLE
1   GE232MAX-L/Ultra     2   GE332MAX-N/Ultra     3   GE232MAX347-N     4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Holco   HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     HOWARD INDUSTRIES   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	5	VE432120HIP
2   GE332MAX-N/Ultra     3   GE232MAX347-N     4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC		GE
3   GE232MAX347-N     4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   1     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   1     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	1	GE232MAX-L/Ultra
4   GE432MAX347-N     5   GE232-MVPS-N     6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     0   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	2	GE332MAX-N/Ultra
5   GE232-MVPS-N     5   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   1     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   1     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	3	GE232MAX347-N
6   GE332-MVPS-N     7   GE432-MVPS-N     8   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES   EP3/32IS/MV/MC/HE     KEYSTONE   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	4	GE432MAX347-N
7   GE432-MVPS-N     3   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   1     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	5	GE232-MVPS-N
3   GE432-120RESDIYB     9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	6	GE332-MVPS-N
9   GE-240-RS-MV-N     0   GE232-N-347     1   GE132MAX-H/ULTRA     Halco   1     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM   1     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	7	GE432-MVPS-N
0 GE232-N-347 1 GE132MAX-H/ULTRA Halco 1 EP232IS/L/MV/HE HOWARD INDUSTRIES 1 EP3/32IS/MV/MC/HE KEYSTONE 1 KTEB-232RIS-1-TP-SL 2 KTEB-232RIS-1-TP-SL/Ga OSRAM 1 QHE 2x32T8/UNV ISN-SC 2 QHE 3x32T8/UNV ISN-SC	8	GE432-120RESDIYB
1   GE132MAX-H/ULTRA     Halco     1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	9	GE-240-RS-MV-N
Halco1EP232IS/L/MV/HEHOWARD INDUSTRIES1EP3/32IS/MV/MC/HEKEYSTONE1KTEB-232RIS-1-TP-SL2KTEB-232RIS-1-TP-SL/GaOSRAM1QHE 2x32T8/UNV ISN-SC2QHE 3x32T8/UNV ISN-SC	10	GE232-N-347
1   EP232IS/L/MV/HE     HOWARD INDUSTRIES     1   EP3/32IS/MV/MC/HE     KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	11	GE132MAX-H/ULTRA
HOWARD INDUSTRIES       EP3/32IS/MV/MC/HE       KEYSTONE       1     KTEB-232RIS-1-TP-SL       2     KTEB-232RIS-1-TP-SL/Ga       0SRAM     0SRAM       1     QHE 2x32T8/UNV ISN-SC       2     QHE 3x32T8/UNV ISN-SC		Halco
EP3/32IS/MV/MC/HEKEYSTONEKTEB-232RIS-1-TP-SLKTEB-232RIS-1-TP-SL/GaOSRAMQHE 2x32T8/UNV ISN-SCQHE 3x32T8/UNV ISN-SC	1	EP232IS/L/MV/HE
KEYSTONE     1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     0   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC		HOWARD INDUSTRIES
1   KTEB-232RIS-1-TP-SL     2   KTEB-232RIS-1-TP-SL/Ga     2   OSRAM     1   QHE 2x32T8/UNV ISN-SC     2   QHE 3x32T8/UNV ISN-SC	1	EP3/32IS/MV/MC/HE
2 KTEB-232RIS-1-TP-SL/Ga OSRAM 1 QHE 2x32T8/UNV ISN-SC 2 QHE 3x32T8/UNV ISN-SC		KEYSTONE
OSRAM 1 QHE 2x32T8/UNV ISN-SC 2 QHE 3x32T8/UNV ISN-SC	1	KTEB-232RIS-1-TP-SL
1 QHE 2x32T8/UNV ISN-SC   2 QHE 3x32T8/UNV ISN-SC	2	KTEB-232RIS-1-TP-SL/Ga
2 QHE 3x32T8/UNV ISN-SC		OSRAM
	1	QHE 2x32T8/UNV ISN-SC
3 QHE 3x32T8/UNV PSN-SC	2	QHE 3x32T8/UNV ISN-SC
	3	QHE 3x32T8/UNV PSN-SC

	PHILIPS
1	ICN-2P32-N
2	ICN-3P32-N
3	IOP-4P32-LW-N
4	IOPA-1P32-N
5	IOPA-4P32-N
6	IOPA-2P32-LW-N
7	IOP-3P32-N
	SYLVANIA
1	QHE 1x32T8/UNV ISN-SC
2	QHE 3x32T8/UNV ISL-SC
3	QTP 2x32T8/UNV ISL-SC
4	QTP 2x32T8/UNV ISN-SC
5	QT 4X32/120 LP
6	QT 2x32 T8/347 ISL-SC
7	QHE 4x32T8/347 ISN-SC
8	QHE 4x32T8/347 ISL-SC
	TRIAD
1	B232IUNVHP-N
2	B332IUNVHP-A
3	B432IUNVHP-A
4	B232IUNVHP-B
	UNIVERSAL
1	B332IUNVHE-A
2	B432IUNVHE-A
3	B232IUNVEL-N
4	B332IUNVEL-A
5	B232IUNVHEH-A
6	B332PUNVHE-A
7	B4321UNVEL-A
	WORK HORSE
1	WH3-120-C
2	WH3-120-L
	Pacific Fluorescent
1	EB-232IS-120-RES

The data is based on tests conducted in controlled conditions, and actual performance may vary depending on operating conditions. Additionally, please be aware that products are subject to change or discontinuation without prior notice.