



T8 REPLACEMENT LED TUBES

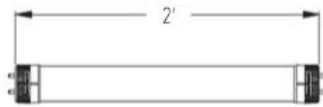
# NORIBACHI PRODUCT FAMILY BROCHURE



# T8 LED TUBES

## PRODUCT FAMILY BROCHURE

### T8.2



#### Performance Ratings and Certifications

UL 1598  
 UL 8750  
 CSA C22.2#250.0  
 CSA C22.2#250.13

#### Performance Summary

Lumens: 1,000 – 1,100 lm  
 Lumens Per Watt (Typical): 100 – 110 LPW  
 Power Consumption: 10 W  
 Light Engine: Rated Lifetime of 50,000+ hours.  
 CRI: Minimum 80 CRI.  
 CCT (Typical): 3000K, 4000K, 5000K.  
 Operating Temperature: -20°C to +40°C  
 Manufactured in the U.S. with parts from U.S. and imported.

#### Electrical Characteristics

Voltage: 120-277 V  
 Frequency: 50-60 Hertz

#### New Construction or Retrofit

- Make any existing fluorescent lighting array LED.
- Improve current lighting output, color, durability and ambiance.
- Features a wide beam angle, soft light and no glare.
- Internal LED driver that works with or without instant-start and programmable electronic ballast

#### Options

- IDR – Internal Driver
- EDR – Remote Driver
- CL- Clear Lens
- FL – Frosted Lens

#### Note

Specifications subject to change without notice.  
 Actual performance may differ as a result of end-user environment application. Actual wattage may differ by +/- 8%.

Fixture	Size	Lumens	Watts	Voltage	Color Temp
<b>T8.2</b>	2'	1,000	10	120 - 277VAC	3000K (warm white)
	2'	1,050	10	120 - 277VAC	4000K (neutral white)
	2'	1,100	10	120 - 277VAC	5000K (cool white)

Warranty:  
 Five-Year Limited Warranty. Full Warranty Terms Available At [www.noribachi.com/products/warranty](http://www.noribachi.com/products/warranty)

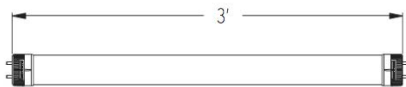
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# T8 LED TUBES

## PRODUCT FAMILY BROCHURE

### T8.3



#### Performance Ratings and Certifications

UL 1598  
 UL 8750  
 CSA C22.2#250.0  
 CSA C22.2#250.13

#### Performance Summary

Lumens: 1,200 – 1,400 lm  
 Lumens Per Watt (Typical): 100 – 116 LPW  
 Power Consumption: 12 W  
 Light Engine: Rated Lifetime of 50,000+ hours.  
 CRI: Minimum 80 CRI.  
 CCT (Typical): 3000K, 4000K, 5000K.  
 Operating Temperature: -20°C to +40°C  
 Manufactured in the U.S. with parts from U.S. and imported.

#### Electrical Characteristics

Voltage: 120-277 V  
 Frequency: 50-60 Hertz

#### New Construction or Retrofit

- Make any existing fluorescent lighting array LED.
- Improve current lighting output, color, durability and ambiance.
- Features a wide beam angle, soft light and no glare.
- Internal LED driver that works with or without instant-start and programmable electronic ballast

#### Options

- IDR – Internal Driver
- EDR – Remote Driver
- CL- Clear Lens
- FL – Frosted Lens

#### Note

Specifications subject to change without notice.  
 Actual performance may differ as a result of end-user environment application. Actual wattage may differ by +/- 8%.

Fixture	Size	Lumens	Watts	Voltage	Color Temp
<b>T8.3</b>	3'	1,200	12	120 - 277VAC	3000K (warm white)
	3'	1,300	12	120 - 277VAC	4000K (neutral white)
	3'	1,400	12	120 - 277VAC	5000K (cool white)

Warranty:  
 Five-Year Limited Warranty. Full Warranty Terms Available At [www.noribachi.com/products/warranty](http://www.noribachi.com/products/warranty)

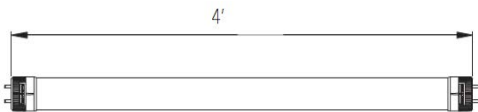
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# T8 LED TUBES

## PRODUCT FAMILY BROCHURE

### T8.4



#### Performance Ratings and Certifications

UL 1598  
 UL 8750  
 CSA C22.2#250.0  
 CSA C22.2#250.13

#### Performance Summary

Lumens: 1,980 – 2,200 lm  
 Lumens Per Watt (Typical): 110 – 122 LPW  
 Power Consumption: 18 W  
 Light Engine: Rated Lifetime of 50,000+ hours.  
 CRI: Minimum 80 CRI.  
 CCT (Typical): 3000K, 4000K, 5000K.  
 Operating Temperature: -20°C to +40°C  
 Manufactured in the U.S. with parts from U.S. and imported.

#### Electrical Characteristics

Voltage: 120-277 V  
 Frequency: 50-60 Hertz

#### New Construction or Retrofit

- Make any existing fluorescent lighting array LED.
- Improve current lighting output, color, durability and ambiance.
- Features a wide beam angle, soft light and no glare.
- Internal LED driver that works with or without instant-start and programmable electronic ballast

#### Options

- IDR – Internal Driver
- EDR – Remote Driver
- CL- Clear Lens
- FL – Frosted Lens

#### Note

Specifications subject to change without notice.  
 Actual performance may differ as a result of end-user environment application. Actual wattage may differ by +/- 8%.

Fixture	Size	Lumens	Watts	Voltage	Color Temp
<b>T8.4</b>	4' (FL)	1,980	18	120 - 277VAC	3000K (warm white)
	4' (CL)	2,000	18	120 - 277VAC	3000K (warm white)
	4'	2,100	18	120 - 277VAC	4000K (neutral white)
	4'	2,200	18	120 - 277VAC	5000K (cool white)

#### Warranty:

Five-Year Limited Warranty. Full Warranty Terms Available At [www.noribachi.com/products/warranty](http://www.noribachi.com/products/warranty)

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# T8 LED TUBES

## PRODUCT FAMILY BROCHURE

### T8.5



#### Performance Ratings and Certifications

UL 1598  
 UL 8750  
 CSA C22.2#250.0  
 CSA C22.2#250.13

#### Performance Summary

Lumens: 2,200 - 2,400 lm  
 Lumens Per Watt (Typical): 110 LPW  
 Power Consumption: 22 W  
 Light Engine: Rated Lifetime of 50,000+ hours.  
 CRI: Minimum 80 CRI.  
 CCT (Typical): 3000K, 4000K, 5000K.  
 Operating Temperature: -20°C to +40°C  
 Manufactured in the U.S. with parts from U.S. and imported.

#### Electrical Characteristics

Voltage: 120-277 V  
 Frequency: 50-60 Hertz

#### New Construction or Retrofit

- Make any existing fluorescent lighting array LED.
- Improve current lighting output, color, durability and ambiance.
- Features a wide beam angle, soft light and no glare.
- Internal LED driver that works with or without instant-start and programmable electronic ballast

#### Options

- IDR – Internal Driver
- EDR – External Driver
- CL- Clear Lens
- FL – Frosted Lens

#### Note

Specifications subject to change without notice.  
 Actual performance may differ as a result of end-user environment application. Actual wattage may differ by +/- 8%.

Fixture	Size	Lumens	Watts	Voltage	Color Temp
<b>T8.5</b>	5'	2,200	22	120 - 277VAC	3000K (warm white)
	5'	2,300	22	120 - 277VAC	4000K (neutral white)
	5'	2,400	22	120 - 277VAC	5000K (cool white)

Warranty:  
 Five-Year Limited Warranty. Full Warranty Terms Available At [www.noribachi.com/products/warranty](http://www.noribachi.com/products/warranty)

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# T8 LED TUBES

## PRODUCT FAMILY BROCHURE

### T8.8



#### Performance Ratings and Certifications

UL 1598  
 UL 8750  
 CSA C22.2#250.0  
 CSA C22.2#250.13

#### Performance Summary

Lumens: 4,100 – 5,300 lm  
 Lumens Per Watt (Typical): 113 – 117 LPW  
 Power Consumption: 36 W or 45 W  
 Light Engine: Rated Lifetime of 50,000+ hours.  
 CRI: Minimum 80 CRI.  
 CCT (Typical): 3000K, 4000K, 5000K.  
 Operating Temperature: -20°C to +40°C  
 Manufactured in the U.S. with parts from U.S. and imported.

#### Electrical Characteristics

Voltage: 120-277 V  
 Frequency: 50-60 Hertz

#### New Construction or Retrofit

- Make any existing fluorescent lighting array LED.
- Improve current lighting output, color, durability and ambiance.
- Features a wide beam angle, soft light and no glare.
- Internal LED driver that works with or without instant-start and programmable electronic ballast

#### Options

- IDR – Internal Driver
- EDR- External Driver
- CL- Clear Lens
- FL – Frosted Lens

#### Note

Specifications subject to change without notice.  
 Actual performance may differ as a result of end-user environment application. Actual wattage may differ by +/- 8%.

Fixture	Size	Lumens	Watts	Voltage	Color Temp
<b>T8.8</b>	8'	4,100	36	120 - 277VAC	2800K-3300K (warm white)
	8'	4,200	36	120 - 277VAC	3800K-4300K (neutral white)
	8'	4,100	36	120 - 277VAC	4800K-5300K (cool white)
	8'	5,100	45	120 - 277VAC	2800K-3300K (warm white)
	8'	5,200	45	120 - 277VAC	3800K-4300K (neutral white)
	8'	5,300	45	120 - 277VAC	4800K-5300K (cool white)

Warranty:  
 Five-Year Limited Warranty. Full Warranty Terms Available At [www.noribachi.com/products/warranty](http://www.noribachi.com/products/warranty)

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# T8 LED TUBES

## PRODUCT FAMILY BROCHURE

### Available Tubes

Fixture	Size	Lumens	Watts	Voltage	Color Temp
<b>T8.2</b>	2'	1,000	10	120 - 277VAC	3000K (warm white)
	2'	1,050	10	120 - 277VAC	4000K (neutral white)
	2'	1,100	10	120 - 277VAC	5000K (cool white)
<b>T8.3</b>	3'	1,200	12	120 - 277VAC	3000K (warm white)
	3'	1,300	12	120 - 277VAC	4000K (neutral white)
	3'	1,400	12	120 - 277VAC	5000K (cool white)
<b>T8.4</b>	4' (FL)	1,980	18	120 - 277VAC	3000K (warm white)
	4' (CL)	2,000	18	120 - 277VAC	3000K (warm white)
	4'	2,100	18	120 - 277VAC	4000K (neutral white)
	4'	2,200	18	120 - 277VAC	5000K (cool white)
<b>T8.5</b>	5'	2,200	22	120 - 277VAC	3000K (warm white)
	5'	2,300	22	120 - 277VAC	4000K (neutral white)
	5'	2,400	22	120 - 277VAC	5000K (cool white)
<b>T8.8</b>	8'	4,100	36	120 - 277VAC	2800K-3300K (warm white)
	8'	4,200	36	120 - 277VAC	3800K-4300K (neutral white)
	8'	4,100	36	120 - 277VAC	4800K-5300K (cool white)
	8'	5,100	45	120 - 277VAC	2800K-3300K (warm white)
	8'	5,200	45	120 - 277VAC	3800K-4300K (neutral white)
	8'	5,300	45	120 - 277VAC	4800K-5300K (cool white)

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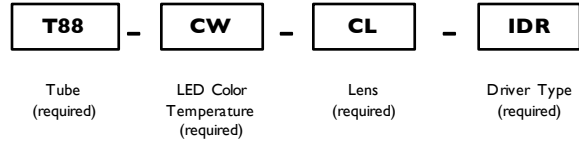


# T8 LED TUBES

## PRODUCT FAMILY BROCHURE

### How to Order

Sample Order Code: Only include the optional upgrades you need.



Numbering Order	Specification	Required or Optional	Allowed Values	Description
1	Tube	Required	T8.2	For T8.2 models
			T8.3	For T8.3 models
			T8.4	For T8.4 models
			T8.5	For T8.5 models
			T8.8	For T8.8 models
2	LED Color Temperature	Required	CW	Standard Cool white LEDs (5000K)
			NW	Neutral White LEDs (4000K)
			WW	Warm White LEDs (3000K)
3	Lens	Required	CL	Clear Lens
			FL	Frosted Lens
4	Driver Type	Required	IDR	Internal Driver
			EDR	Remote Driver

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