



COMBINED FAMILY SPECIFICATION

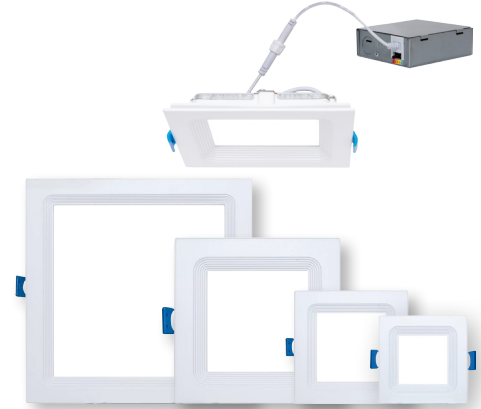
## THINTEK™ WSR

Field Selectable Recessed Mount Square Baffled Downlight

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**ThinTek™ WSR** - 120V Baffled Downlight

**ThinTek™ WSR** - 120-347V Baffled Downlight



**120VAC/Triac Dimming**

## ThinTek™ Wafer SR

## Direct Mount Recessed

### DESCRIPTION

The Thintek™ Wafer series is a versatile and efficient solution for commercial and residential spaces, that can be installed in shallow plenum areas with as little as two inches of ceiling space. Thintek™ Wafer is IC-rated with a thermally protected driver box, which can be installed in a wide variety of ceilings and joists with ease. The CCT selection switch allows for a selection between 2700K, 3000K, 3500K, 4000K, and 5000K. With Title 24 certification, 90 CRI, and a variety of sizes, shapes, and lumen packages, the ThinTek™ Wafer provides increased functionality, reliable performance, and a fast, simple installation process.

### APPLICATIONS

Residential, Institution, Hospitality, Retail, Offices, Schools, Hospitals, Airports and Hallways.

### FEATURES

#### Construction

Die-cast aluminum housing and PC lens.  
Air-tight IC Rated.

#### Electrical

Input voltage: 120VAC, 60Hz  
25W High Voltage Emergency Battery Backup option available.  
12" Power Cable (Standard): Extension Cable option available in 3' or 10'.

#### Optical System

Glare controlling lens for comfortable light distribution.  
Provides a 110° beam angle.

#### Installation/ Mounting

Recessed Mounting with adjustable spring loaded retention tabs for secure fixture.

#### Warranty

5 year warranty.  
See warranty documentation for more information.

#### Controls/Dimming

Triac Dimming (Dims to 10%) See page 3 (Dimmer Compatibility List)  
Tunable White between 2700K, 3000K, 3500K 4000K, 5000K.

#### ThinTek™ Wafer SR

3", 8W (500 lm)  
4", 10W (650 lm)  
4", 12W (850 lm)  
6", 12W (900 lm)  
6", 15W (1100 lm)  
8", 18W (1500 lm)

**Projected L70: 50,000+ hours**  
**Warranty: 5 Years**  
**Phase/ TRIAC Dimming (10%)**



TITLE 24  
Compliant



90+ CRI



Wet Location  
Rated



Tunable White



Air Tight



Phase/Triac  
Dimming  
Dims to 10%



Adjustable Spring Loaded  
Retention Tabs  
For Canless Installation



Tunable White

## Ordering Information

### EXAMPLE: TWSR-0306-C-S

Series	Size/Wattage	CCT Switchable	Input Voltage/Control
TWSR - ThinTek Wafer Square Regressed	0308 - 3"/8W 0410 - 4"/10W 0615 - 6"/15W 0818 - 8"/18W	C - 2700K/3000K/3500K/4000K/5000K	S - 120VAC/Triac Dimming
Accessories			
TW-EC03 (3' Extension Cable) TW-EC10 (10' Extension Cable) 90025-H (25W High Voltage Emergency Battery Backup)			

Specifications and Dimensions subject to change without notice.

\*MOQ and longer lead times may apply, please contact customer service for more information.

Accessories options are purchased separately.

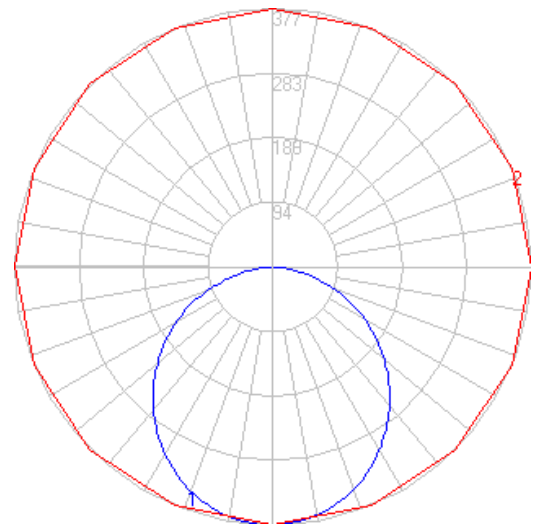
## Performance Information

Input Voltage	120VAC
Input Frequency	60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	>90
Available CCT	2700K, 3000K, 3500K, 4000K, 5000K
Projected L70	50,000+ hours
Power Factor	>0.9
THD	<20%
Dimming	Triac /Phase Dimming (Compatible Dimmer List Available)
Operating Temp.	-4°~104°F

## Photometric Data

6" 15W

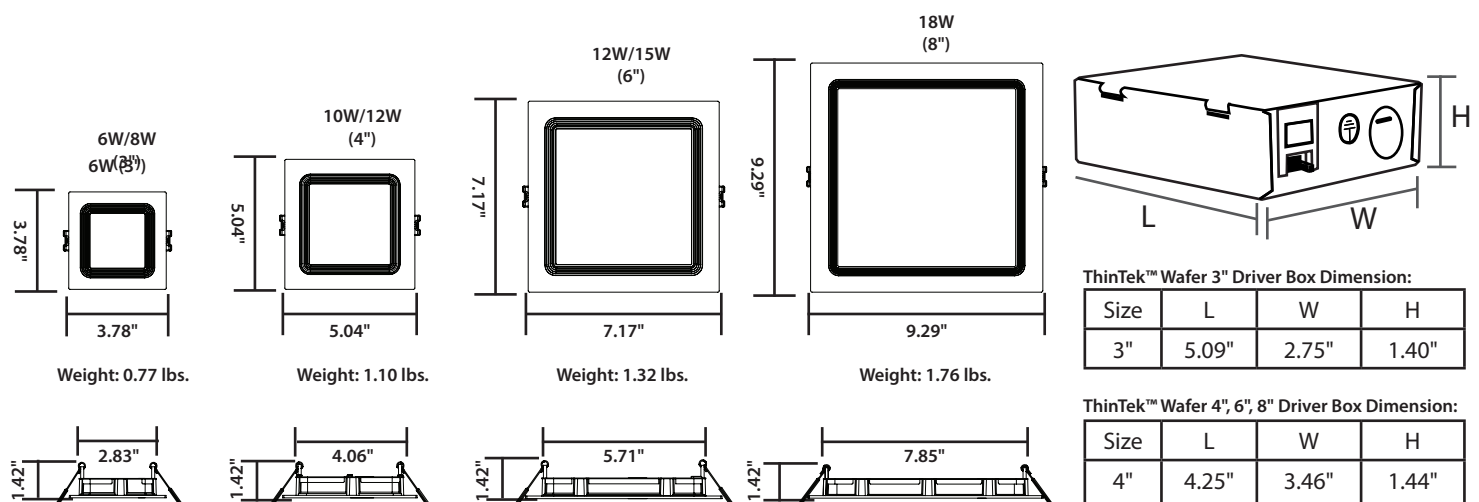
\* IESNA LM-63 IES Available



## Performance Table

SKU	Size (in)	Wattage (W)	5000K	
			Delivered Lumens (lm)	Efficacy (lm/W)
TWSR-0308-C-S	3	8	500	63
TWSR-0410-C-S	4	10	650	65
TWSR-0412-C-S	4	12	850	71
TWSR-0612-C-S	6	12	900	75
TWSR-0615-C-S	6	15	1100	73
TWSR-0818-C-S	8	18	1500	83

## Product Dimensions



## Installation Kits and Accessories



**3' or 10'  
Extension Cable  
(Option)  
[TW-EC03, TW-EC10]**

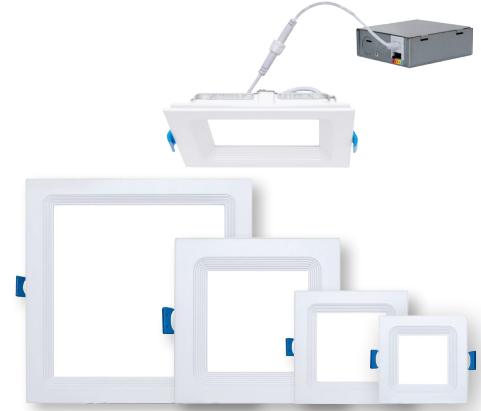


**High Voltage  
Emergency Backup  
25W  
(Option)  
[90025-H]**

## Dimmer Compatibility List

### Recommended dimmers

Lutron	Leviton	EATON
DVCL-153PR-WH CTCL-153PDH-WH TGCL-153PH-WH MACL-153MH-WH P-PKG1W-WH-R	R62-06674-P0W R12-06672-1LW R50-IPL06-10M	SAL06P-LA-K



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### APPLICATIONS

Residential, Institution, Hospitality, Retail, Offices, Schools, Hospitals, Airports and Hallways.

### FEATURES

#### Construction

Die-cast aluminum housing and PC lens.  
Air-tight IC Rated.

#### Electrical

Input voltage: 120~347VAC, 60Hz  
25W High Voltage Emergency Battery Backup option available.  
12" Power Cable (Standard): Extension Cable option available in 3' or 10'.

#### Optical System

Glare controlling lens for comfortable light distribution.  
Provides a 110° beam angle.

#### Installation/ Mounting

Recessed Mounting with adjustable spring loaded retention tabs for secure fixture.

#### Warranty

5 year warranty.  
See warranty documentation for more information.

#### Controls/Dimming

0-10V Dimming (Dims to 10%)  
Tunable White between 2700K, 3000K, 3500K 4000K, 5000K.



**120~347VAC/0-10V Dimming**

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**Projected L70: 50,000+ hours**  
**Warranty: 5 Years**  
**0-10V Dimming (10%)**



TITLE 24  
Compliant



90+ CRI



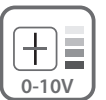
Wet Location  
Rated



Tunable White



Air Tight



0-10V  
Dimming  
Dims to 10%

## Ordering Information

### EXAMPLE: TWSR-0308-C-U

Series	Size/Wattage	CCT Switchable	Input Voltage/Control
TWSR - ThinTek Wafer Square Regressed	0308 - 3"/8W 0410 - 4"/10W 0412 - 4"/12W 0612 - 6"/12W 0615 - 6"/15W 0818 - 8"/18W	C - 2700K/3000K/3500K/4000K/5000K	U - 120~347VAC/ 0-10VDimming
Accessories			
TW-EC03 (3' Extension Cable) TW-EC10 (10' Extension Cable) 90025-H (25W High Voltage Emergency Battery Backup)			

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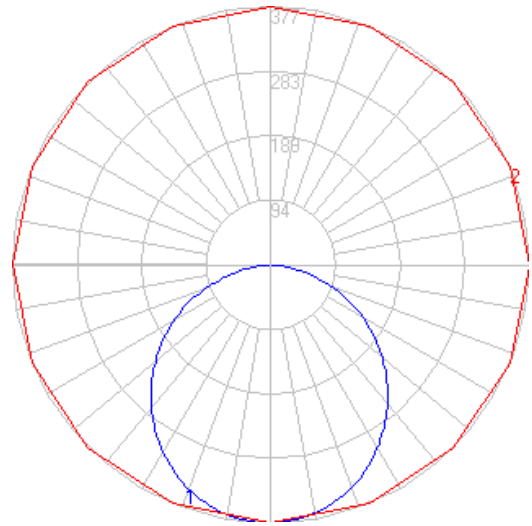
## Performance Information

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Input Frequency	60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	>90
Available CCT	2700K, 3000K, 3500K, 4000K, 5000K
Projected L70	50,000+ hours
Power Factor	>0.9
THD	<20%
Dimming	0-10V Dimming (Dims To 10%)
Operating Temp.	-4°~104°F

## Photometric Data

6" 15W

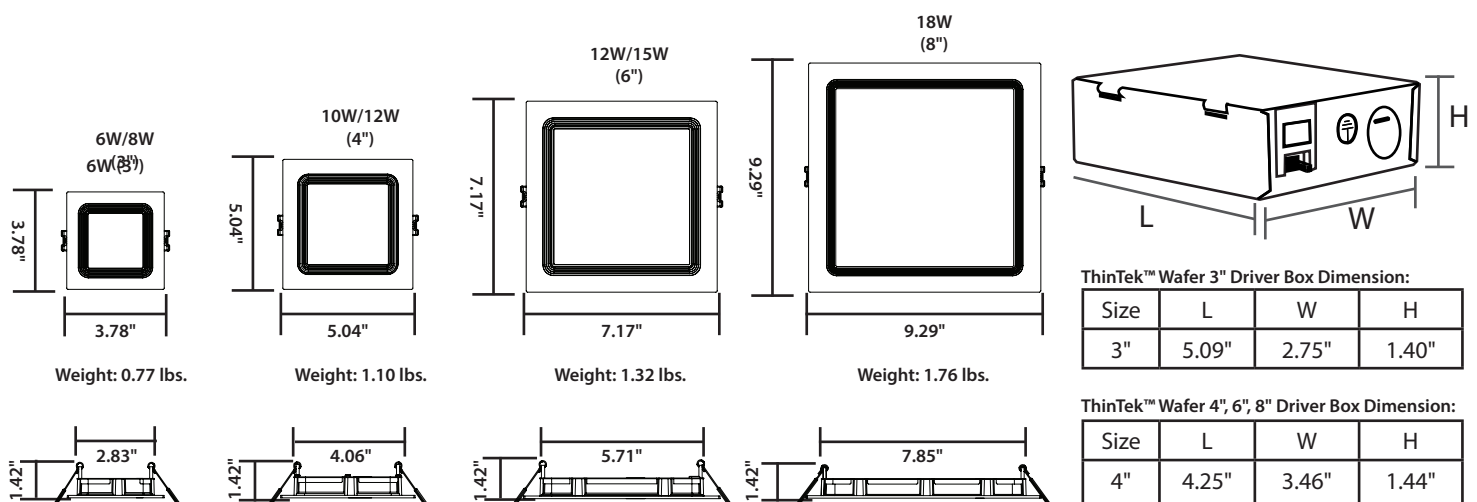
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## Product Dimensions



**Installation Kits and Accessories**

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**3' or 10'  
Extension Cable  
(Option)  
[TW-EC03, TW-EC10]**



**High Voltage  
Emergency Backup  
25W  
(Option)  
[90025-H]**