TRULY GREEN SOLUTIONS

SKU#: _____ PROJECT NAME: _____ DATE: _____

THINTEK™ WAFER R — Direct Mount Recessed

120~347VAC/0-10V Dimming

DESCRIPTION

The ThinTek™ Wafer series from TGS allows for easy installation from below the ceiling without the need for an existing can and is ideal for shallow ceiling plenum applications. The CCT switch allows for selection between 2700K, 3000K, 3500K, 4000K, and 5000K. With Title 24 certification, 90 CRI, and a variety of sizes and lumen packages, ThinTek™ Wafers provide versatility, reliable performance, and a fast, simple installation process.

APPLICATIONS

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

Intertek ENERGY STAR IC RATED 5 YEAR WARRANTY

FEATURES

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

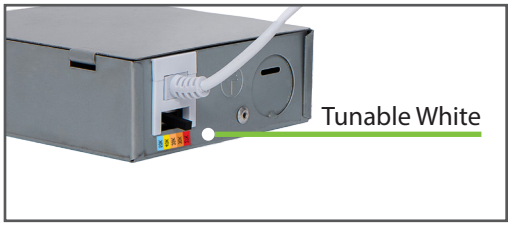
Electrical
Input voltage: 120~347VAC, 60Hz
16W or 25W High Voltage Emergency Battery Backup option available.
12" Power Cable (Standard): Extension Cable option available.

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.
New Construction Kit (3". 4", 6") and New Construction Kit with Hanger Bar (3", 4", 6") option available.

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.



ThinTek™ Mini R
3", 6W (370 lm)
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
0-10V Dimming (10%)

TITLE 24 COMPLIANT JA8-2016-E — TITLE 24 Compliant
90+ CRI — 90+ CRI
WET LOCATION — Wet Location Rated
Tunable White
AIR TIGHT — Air Tight
0-10V — 0-10V Dimming Dims to 10%

Ordering Information

EXAMPLE: TWRF-0308-C-U

Series	Size/Wattage	CCT Switchable	Input Voltage/Control
TWRF - ThinTek Wafer Round Flat	0306 - 3"/6W 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

New Construction Kit	New Construction Kit W/ Hanger Bar	Accessories
TWR-NC (For 3", 4", 6")	TWR-NCH (For 3", 4", 6")	TW-EC (4" Extension Cable) 90016-H (16W High Voltage Emergency Battery Backup) 90025-H (25W High Voltage Emergency Battery Backup)

Specifications and Dimensions subject to change without notice.
Accessories are purchased separately.
***MOQ and longer lead times may apply, please contact customer service for more information.**

9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com
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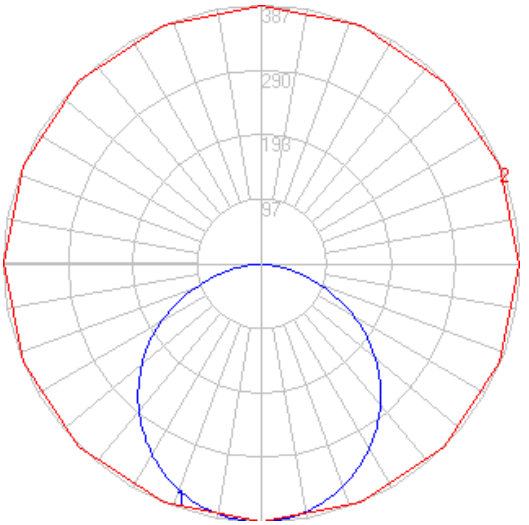
Performance Information

Input Voltage	120~347VAC
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.	-4º~104ºF

Photometric Data

6" 15W

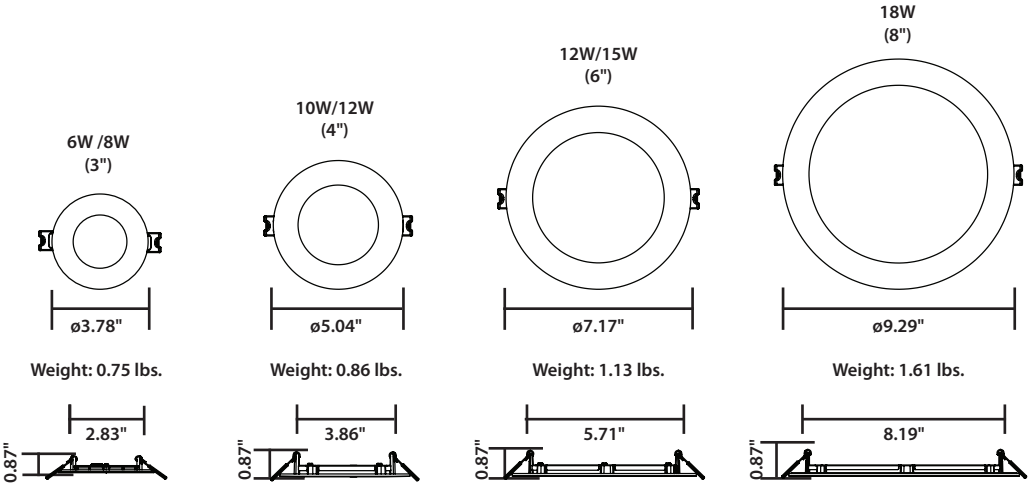
* IESNA LM-63 IES Available

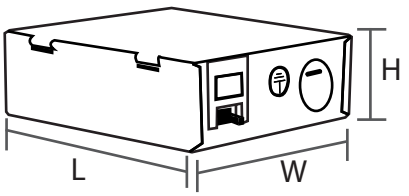


Performance Table

SKU	Size (in)	Wattage (W)	5000K Delivered Lumens (lm)	5000K Efficacy (lm/W)
TWRF-0306-C-U	3	6	370	62
TWRF-0308-C-U	3	8	500	63
TWRF-0410-C-U	4	10	650	65
TWRF-0412-C-U	4	12	850	71
TWRF-0612-C-U	6	12	900	75
TWRF-0615-C-U	6	15	1100	73
TWRF-0818-C-U	8	18	1500	83

Product Dimensions





ThinTek™ Wafer 3" Driver Box Dimension:

Size	L	W	H
3"	5.09"	2.75"	1.40"

ThinTek™ Wafer 4", 6", 8" Driver Box Dimension:

Size	L	W	H
4"	4.25"	3.46"	1.44"

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Installation Kits and Accessories

3", 4", 6"
New Construction Kit
(Option)
[TWR-NC]

3", 4", 6"
New Construction Kit
With Hanger Bar
(Option)
[TWR-NCH]

4" Extension Cable
(Option)
[TW-EC]

High Voltage
Emergency Backup
16W or 25W
(Option)
[90016-H, 90025-H]

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