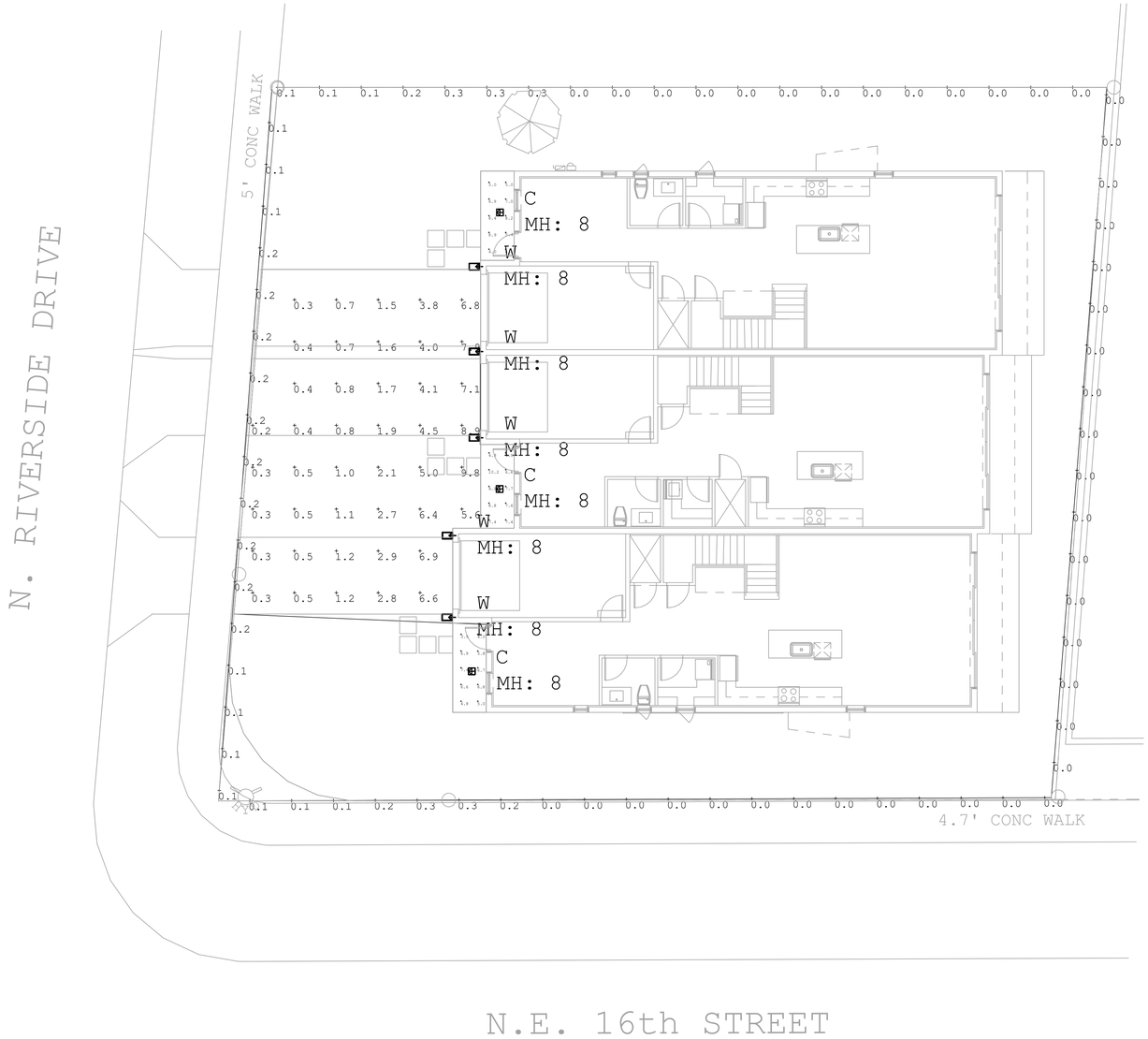
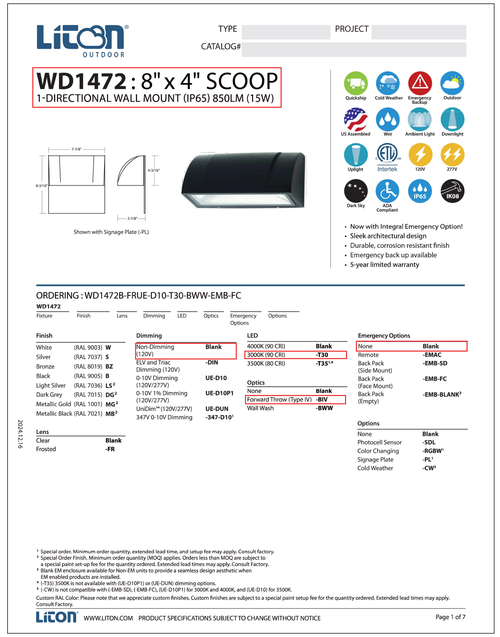


PHOTOMETRIC PLAN

SCALE: 1/8" = 1'-0"



LITON OUTDOOR

TYPE
PROJECT
CATALOG#

WD1472 : 8" x 4" SCOOP
1-DIRECTIONAL WALL MOUNT (IP65) 850LM (15W)

Quickship, Cold Weather, Emergency Backup, Outdoor, US Assembled, Wet, Ambient Light, Downlight, Uplight, Intertek, 120V, 277V, Dark Sky, ADA Compliant, IP65, IK08

Shown with Signage Plate (-PL)

- Now with Integral Emergency Option!
- Sleek architectural design
- Durable, corrosion resistant finish
- Emergency back up available
- 5-year limited warranty

ORDERING : WD1472B-FRUE-D10-T30-BWW-EMB-FC

WD1472 | Finish | Lens | Dimming | LED | Optics | Emergency Options | Options

Finish

White	(RAL 9003)	**W**
Silver	(RAL 7037)	**S**
Bronze	(RAL 8019)	**BZ**
Black	(RAL 9005)	**B**
Light Silver	(RAL 7036)	**LS**[1]
Dark Grey	(RAL 7015)	**DG**[1]
Metallic Gold	(RAL 1001)	**MG**[1]
Metallic Black	(RAL 7021)	**MB**[1]

Lens

Clear	**Blank**
Frosted	**-FR**

Dimming

Non-Dimming (120V)	**Blank**
ELV and Triac Dimming (120V)	**-DIN**
0-10V Dimming (120V/277V)	**UE-D10**
0-10V 1% Dimming (120V/277V)	**UE-D10P1**
UniDim™ (120V/277V)	**UE-DUN**
347V 0-10V Dimming	**-347-D10**[2]

LED

4000K (90 CRI)	**Blank**
3000K (90 CRI)	**-T30**
3500K (80 CRI)	**-T35**[1,4]

Optics

None	**Blank**
Forward Throw (Type IV)	**-BIV**
Wall Wash	**-BWW**

Emergency Options

None	**Blank**
Remote	**-EMAC**
Back Pack (Side Mount)	**-EMB-SD**
Back Pack (Face Mount)	**-EMB-FC**
Back Pack (Empty)	**-EMB-BLANK**[3]

Options

None	**Blank**
Photocell Sensor	**-SDL**
Color Changing	**-RGBW**[1]
Signage Plate	**-PL**[1]
Cold Weather	**-CW**[1]

[1] Special order. Minimum order quantity, extended lead time, and setup fee may apply. Consult factory.
[2] Special Order Finish. Minimum order quantity (MOQ) applies. Orders less than MOQ are subject to a special paint set-up fee for the quantity ordered. Extended lead times may apply. Consult Factory.
[3] Blank EM enclosure available for Non-EM units to provide a seamless design aesthetic when EM enabled products are installed.
[4] -T35: 3500K is not available with (UE-D10P1) or (UE-DUN) dimming options.
[5] (-CW) is not compatible with (-EMB-SDL) (-EMB-FC), (UE-D10P1) for 3000K and 4000K, and (UE-D10) for 3500K.

Custom RAL Color: Please note that we appreciate custom finishes. Custom finishes are subject to a special paint setup fee for the quantity ordered. Extended lead times may apply. Consult Factory.

LITON WWW.LITON.COM PRODUCT SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE Page 1 of 7

2024.12.16

FIXTURE TYPE 'W'

tgs TRULY GREEN SOLUTIONS

SKU#: _____ PROJECT NAME: _____ DATE: _____

ThinTek™ Wafer R | **Direct Mount Recessed**

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.

FEATURES

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

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

Warranty
5 year warranty.
See warranty documentation for more information.

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'.

Installation/ Mounting
Recessed Mounting with adjustable spring loaded retention tabs for secure fixture.
New Construction Kit (4", 6", 8") and New Construction Kit with Hanger Bar (3", 4", 6") option available.

Controls/Dimming
Triac Dimming (Dims to 10%)
Tunable White between 2700K, 3000K, 3500K 4000K 5000K.

120VAC/Triac Dimming

ThinTek™ Wafer R
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

CCT Selectable

Ordering Information

EXAMPLE: TWRF-0308-C-S

Series	Size/Wattage	CCT Switchable	Input Voltage/Control
TWRF - ThinTek Wafer Round Flat	0308 - 3"/8W 0410 - 4"/10W 0412 - 4"/12W 0612 - 6"/12W 0615 - 6"/15W 0818 - 8"/18W	C - 2700K/3000K/3500K/4000K/5000K	S - 120VAC/Triac Dimming

New Construction Kit | New Construction Kit with Hanger Bar | Accessories
TWR-NC (for 4", 6", 8") | TWR-NCH (for 3", 4", 6") | 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 are purchased separately.

1 12022021 9601 Variel Ave | Chatsworth, CA 91311 | Ph: (818) 206-4404 | trulygreensolutions.com © 2021 Truly Green Solutions. All rights reserved.

FIXTURE TYPE 'C'

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	3	TWRF-0612-C-S (2700K)_IESNA20	Single		C	1.000	918	11.6264	34.879
	5	WD1472B-T30	Single	WD1472B-T30	W	1.000	1138	10.42	52.1

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Driveways	Illuminance	Fc	2.72	9.8	0.2	13.60	49.00
Entry 1	Illuminance	Fc	6.29	8.9	4.0	1.57	2.23
Entry 2	Illuminance	Fc	7.53	10.2	4.8	1.57	2.13
Entry 3	Illuminance	Fc	5.79	7.4	3.9	1.48	1.90
Property Line	Illuminance	Fc	0.07	0.3	0.0	N.A.	N.A.

NEW SHEET

DRC

PZ25-12000003

05.21.2025

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ALEX J. CANDELARIA, PE USING A DIGITAL SIGNATURE ON THE DATE AND TIME SHOWN. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Digitally signed by Alex J. Candelaria
DN: C=US, E=acandelaria@aescengineering.com, O="AESC Engineering, LLC", CN=Alex J. Candelaria
Date: 2025.02.11 14:30:11-04'00'

DRC

PZ25-12000003

03.19.2025

AESC ENGINEERING LLC
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ORLANDO, FL, 32801
(407) 288-5724
acandelaria@aescengineering.com

PROFESSIONAL SEAL
ALEX J. CANDELARIA LICENSE No. 89396 STATE OF FLORIDA PROFESSIONAL ENGINEER
ALEX J. CANDELARIA, PE

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SHEET TITLE
SITE PHOTOMETRIC PLAN

PROJECT TITLE
1602 N. Riverside Dr.
TRIPLEX
BROWARD COUNTY, POMPANO BEACH, FL

ISSUE

REV.	DATE	REMARK

JOB #

DRAWN BY AESC

CHECKED BY AESC

SHEET #
E-5