KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

DESCRIPTION

LED Wafer | Fire Rated | 120V Input | Forward Phase Dimming
2700/3000/3500/4000/5000K | White Housing



5 YEAR WARRANTY

PRODUCT FEATURES

- Keystone Color Select technology (2700/3000/3500/4000/5000K)
- Utilizes a remote driver with built-in junction box and quick disconnect; eliminates the need for a traditional multi-piece fixture setup
- CEC Compliant Flicker Rate (CEC JA10 std.)
- Ideal for new construction, remodel, and retrofit applications
- Flat body allows fit for shallow ceilings
- Available in smooth and recessed smooth trims
- Powered by Keystone TRIAC dimming LED driver, 10-100% dimming
- Ambient operating temperature -20°C/-4°F to 40°C/104°F
- Tested to UL263/ASTM E119 standard for fire resistance (2 hours)
- Suitable for use in wet locations
- Power factor >0.90
- THD: <20%
- FCC Part 15, Subpart B, Class B
- Compliant with ENERGY STAR Downlights v1.0 requirements

**** TAA options available. See *Ordering Information* below**

PERFORMANCE SPECIFICATIONS OVERVIEW

Catalog Number	Wattage	Preset CCT	Lumens	Efficacy	Input Voltage	CRI	Beam Angle	Style	Lifetime
KT-WDLED6.5-F3A-9CSF-FDIM	6.5	5000K	580	90 lm/W	120V	>90	110°	Slim	50,000hrs
KT-WDLED6.5-F3B-9CSF-FDIM	6.5	5000K	580	90 lm/W				Recessed	
KT-WDLED11-F4A-9CSF-FDIM	11	5000K	929	87 lm/W				Slim	
KT-WDLED11-F4B-9CSF-FDIM	11	5000K	929	87 lm/W				Recessed	
KT-WDLED15-F6A-9CSF-FDIM	15	5000K	1,327	92 lm/W				Slim	
KT-WDLED15-F6B-9CSF-FDIM	15	5000K	1,327	92 lm/W				Recessed	

* Preset to (5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

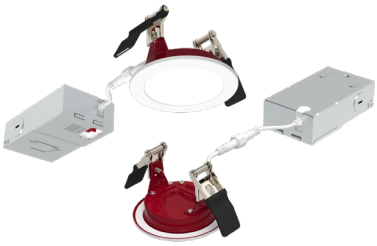
PERFORMANCE SPECIFICATIONS DETAILED

Catalog Number	Nominal Size	Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-WDLED6.5-F3A-9CSF-FDIM	3"	6.5W	2700K	557	86 lm/W	120V	Foward Phase	>90
			3000K	578	90 lm/W			
			3500K	595	94 lm/W			
			4000K	597	94 lm/W			
			5000K	580	90 lm/W			
KT-WDLED6.5-F3B-9CSF-FDIM	3"	6.5W	2700K	557	86 lm/W	120V	Foward Phase	>90
			3000K	578	90 lm/W			
			3500K	595	94 lm/W			
			4000K	597	94 lm/W			
			5000K	580	90 lm/W			
KT-WDLED11-F4A-9CSF-FDIM	4"	11W	2700K	919	86 lm/W	120V	Foward Phase	>90
			3000K	957	90 lm/W			
			3500K	991	94 lm/W			
			4000K	988	94 lm/W			
			5000K	929	87 lm/W			
KT-WDLED11-F4B-9CSF-FDIM	4"	11W	2700K	919	86 lm/W	120V	Foward Phase	>90
			3000K	957	90 lm/W			
			3500K	991	94 lm/W			
			4000K	988	94 lm/W			
			5000K	929	87 lm/W			
KT-WDLED15-F6A-9CSF-FDIM	6"	15W	2700K	1,270	88 lm/W	120V	Foward Phase	>90
			3000K	1,313	92 lm/W			
			3500K	1,364	96 lm/W			
			4000K	1,378	97 lm/W			
			5000K	1,327	92 lm/W			
KT-WDLED15-F6B-9CSF-FDIM	6"	15W	2700K	1,270	88 lm/W	120V	Foward Phase	>90
			3000K	1,313	92 lm/W			
			3500K	1,364	96 lm/W			
			4000K	1,378	97 lm/W			
			5000K	1,327	92 lm/W			

KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

PRODUCT IMAGES



KT-WDLED6.5-F3A-9CSF-FDIM



KT-WDLED11-F4A-9CSF-FDIM

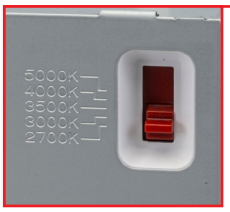


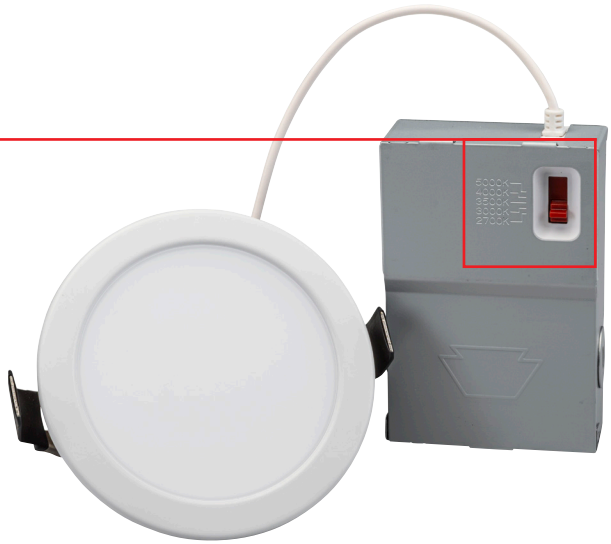
KT-WDLED15-F6A-9CSF-FDIM

KEY FEATURES

This fixture is equipped with field-adjustable Keystone Color Select technology.

1. Ensure power is off to the fixture.
2. Adjust dipswitch to desired setting.



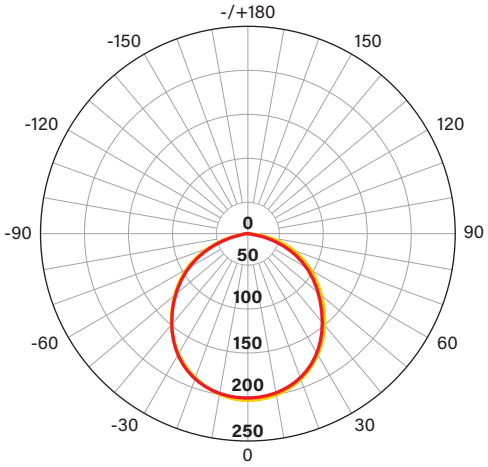


KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

PHOTOMETRIC SPECIFICATIONS (KT-WDLED6.5-F3A-9CSF-FDIM)

POLAR CANDELA DISTRIBUTION

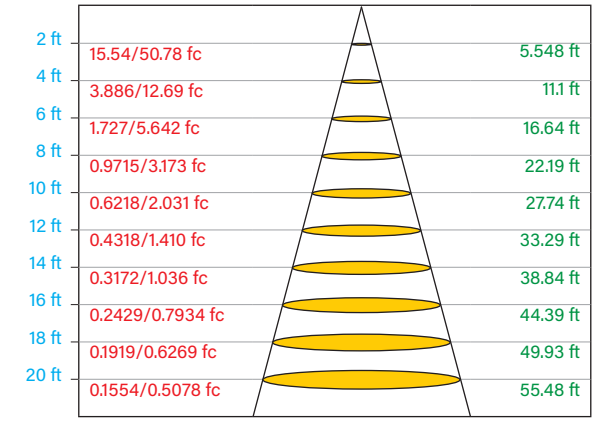


Beam Angle (50%): 108.5°

Unit: cd
C0/C180–108.5
C90/270–108.4

LUX DISTANCE CURVE

Flux Out: 398.4 lm



Height **Eavg/Emax** **Angle: 108.42°** **Diameter**

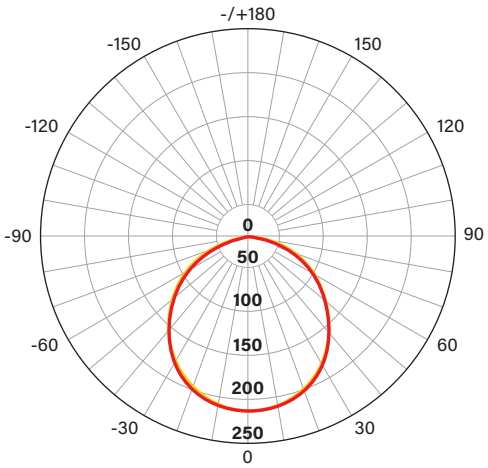
Curves show illuminated area and average illumination when lamp is at various distances.

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	155.5	28.0%
0-40	252.7	45.5%
0-60	440.6	79.3%
60-90	115.2	20.7%
70-100	48.3	8.7%
90-120	0.0	0.0%
0-90	555.9	100.0%
90-180	0.0	0.0%
0-180	555.9	100.0%

PHOTOMETRIC SPECIFICATIONS (KT-WDLED6.5-F3B-9CSF-FDIM)

POLAR CANDELA DISTRIBUTION

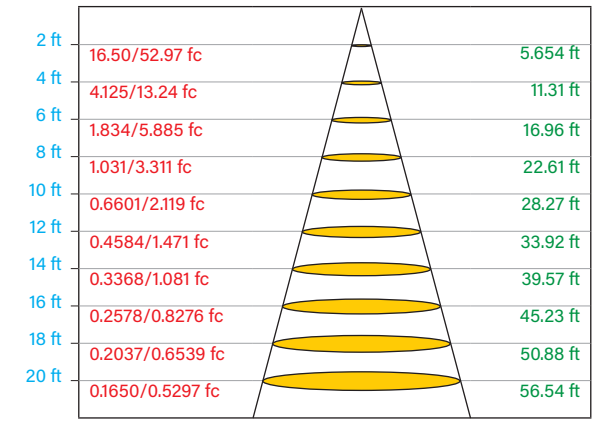


Beam Angle (50%): 109.5°

Unit: cd
C0/C180–109.5
C90/270–109.4

LUX DISTANCE CURVE

Flux Out: 422.9 lm



Height **Eavg/Emax** **Angle: 109.44°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	163.5	28.7%
0-40	267.0	46.8%
0-60	467.2	81.9%
60-90	103.4	18.1%
70-100	36.2	6.3%
90-120	0.0	0.0%
0-90	570.6	100.0%
90-180	0.0	0.0%
0-180	570.6	100.0%

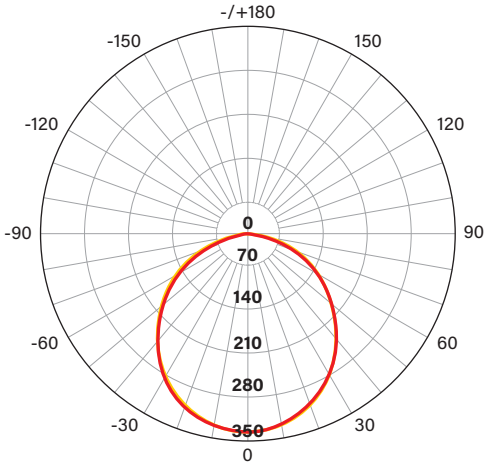
(Photometric Specifications continued on next page*)*

KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

PHOTOMETRIC SPECIFICATIONS (KT-WDLED11-F4A-9CSF-FDIM)

POLAR CANDELA DISTRIBUTION

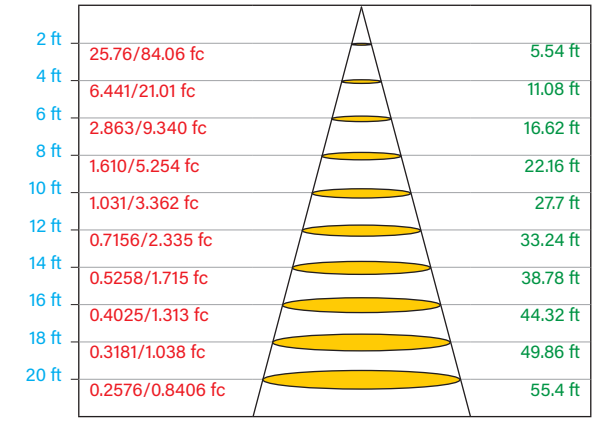


Beam Angle (50%): 108.4°

Unit: cd
C0/C180–108.3
C90/C270–108.4

LUX DISTANCE CURVE

Flux Out: 660.3 lm



Height **Eavg/Emax** **Angle: 108.34°** **Diameter**

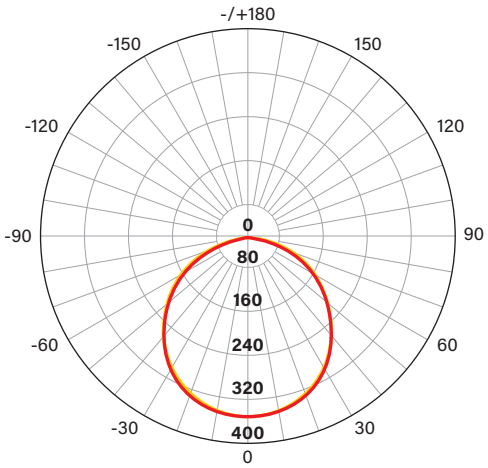
Curves show illuminated area and average illumination when lamp is at various distances.

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	256.8	27.9%
0-40	417.9	45.5%
0-60	730.2	79.4%
60-90	188.9	20.6%
70-100	78.2	8.5%
90-120	0.0	0.0%
0-90	919.0	100.0%
90-180	0.0	0.0%
0-180	919.0	100.0%

PHOTOMETRIC SPECIFICATIONS (KT-WDLED11-F4B-9CSF-FDIM)

POLAR CANDELA DISTRIBUTION

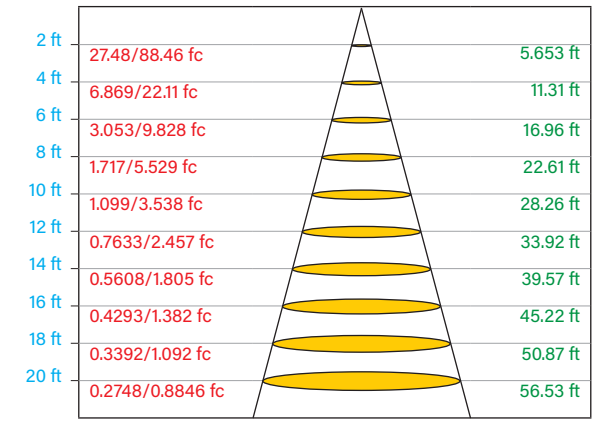


Beam Angle (50%): 109.5°

Unit: cd
C0/C180–109.5
C90/C270–109.4

LUX DISTANCE CURVE

Flux Out: 704.2 lm



Height **Eavg/Emax** **Angle: 109.43°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	272.7	28.4%
0-40	445.0	46.3%
0-60	778.5	81.0%
60-90	182.5	19.0%
70-100	67.8	7.1%
90-120	0.0	0.0%
0-90	961.1	100.0%
90-180	0.0	0.0%
0-180	961.1	100.0%

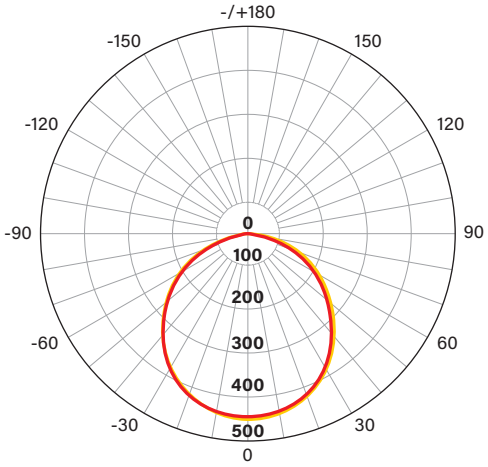
(Photometric Specifications continued on next page*)*

KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

PHOTOMETRIC SPECIFICATIONS (KT-WDLED15-F6A-9CSF-FDIM)

POLAR CANDELA DISTRIBUTION

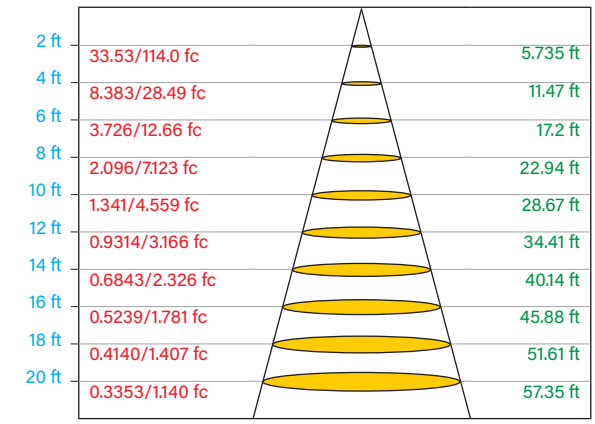


Beam Angle (50%): 110.2°

Unit: cd
C0/C180–110.2
C90/C270–110.2

LUX DISTANCE CURVE

Flux Out: 926.1 lm



Height **Eavg/Emax** **Angle: 110.21°** **Diameter**

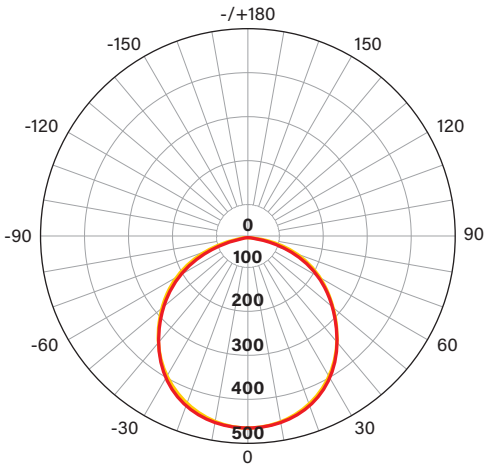
Curves show illuminated area and average illumination when lamp is at various distances.

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	351.5	27.7%
0-40	571.9	45.0%
0-60	1003.1	79.0%
60-90	267.2	21.0%
70-100	113.4	8.9%
90-120	0.0	0.0%
0-90	1270.3	100.0%
90-180	0.0	0.0%
0-180	1270.3	100.0%

PHOTOMETRIC SPECIFICATIONS (KT-WDLED15-F6B-9CSF-FDIM)

POLAR CANDELA DISTRIBUTION

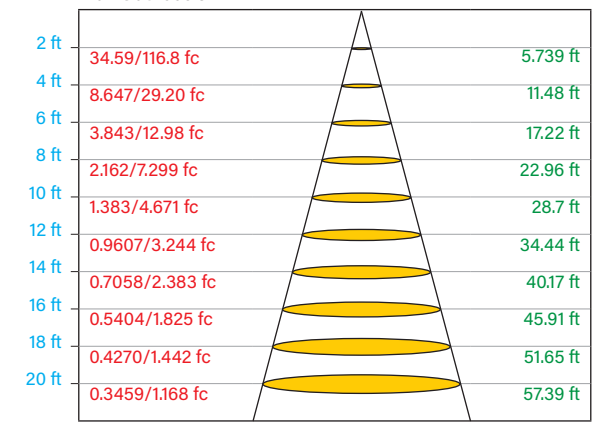


Beam Angle (50%): 110.3°

Unit: cd
C0/C180–110.3
C90/C270–110.2

LUX DISTANCE CURVE

Flux Out: 955.3 lm



Height **Eavg/Emax** **Angle: 110.25°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

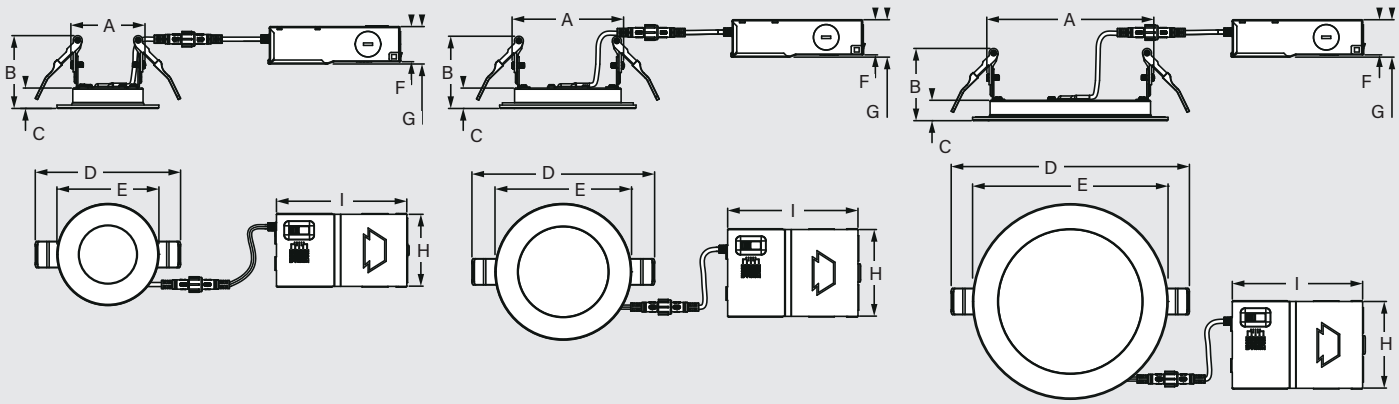
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	361.4	28.0%
0-40	589.8	45.7%
0-60	1034.1	80.1%
60-90	257.3	19.9%
70-100	102.3	7.9%
90-120	0.0	0.0%
0-90	1291.3	100.0%
90-180	0.0	0%
0-180	1291.3	100.0%

KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

PHYSICAL SPECIFICATIONS



KT-WDLED6.5-F3A-9CSF-FDIM KT-WDLED6.5-F3B-9CSF-FDIM	
Fixture Dimensions	
A	2.63"
B	2.13" - 2.50"
C	0.69"
D	4.44"
E	3.56"
Driver Dimensions	
F	1.25"
G	1.31"
H	2.50"
I	4.50"

KT-WDLED11-F4A-9CSF-FDIM KT-WDLED11-F4B-9CSF-FDIM	
Fixture Dimensions	
A	3.88"
B	2.13" - 2.50"
C	0.69"
D	7.69"
E	6.81"
Driver Dimensions	
F	1.25"
G	1.31"
H	3.00"
I	4.50"

KT-WDLED15-F6A-9CSF-FDIM KT-WDLED15-F6B-9CSF-FDIM	
Fixture Dimensions	
A	5.81"
B	2.13" - 2.50"
C	0.69"
D	5.75"
E	4.75"
Driver Dimensions	
F	1.25"
G	1.31"
H	3.00"
I	4.50"

KT-WDLEDXX-FXX-9CSF-FDIM

FIRE RATED LED WAFER DOWNLIGHT

ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY	UPC	EASY CODE
KT-WDLED6.5-F3A-9CSF-FDIM	6pcs	843654172668	RVQ-12
KT-WDLED6.5-F3A-9CSF-FDIM /TAA		TBD	TBD
KT-WDLED6.5-F3B-9CSF-FDIM		843654172675	MFO-41
KT-WDLED6.5-F3B-9CSF-FDIM /TAA		TBD	TBD
KT-WDLED11-F4A-9CSF-FDIM		843654172682	RTI-75
KT-WDLED11-F4A-9CSF-FDIM /TAA		TBD	TBD
KT-WDLED11-F4B-9CSF-FDIM		843654172699	YJQ-84
KT-WDLED11-F4B-9CSF-FDIM /TAA		TBD	TBD
KT-WDLED15-F6A-9CSF-FDIM		843654172705	KAW-73
KT-WDLED15-F6A-9CSF-FDIM /TAA		TBD	TBD
KT-WDLED15-F6B-9CSF-FDIM		843654172712	WKA-99
KT-WDLED15-F6B-9CSF-FDIM /TAA		TBD	TBD

CATALOG NUMBER BREAKDOWN

KT-WDLEDXX-FXX-9CSF-FDIM

1 2 3 4 5 6 7 8 9 10 11

1 **Keystone Technologies**
2 **Wafer Downlight LED Fixture**
3 **Max Wattage**
4 **Fire Rated**
5 **Nominal Size**
6 **Style Designation**
7 **90 CRI**
8 **Color Select**
9 **Color Select Designation**
10 **Forward Phase Dimming**
11 **TAA Compliant**

9 Color Select Designation

F	2700/3000/3500/4000/5000K

11 TAA Compliant

/TAA	Made in Cambodia