

PRODUCT CHANGE

TW Series Illuminated Lens Consolidation

NOTE: See enclosed chart and catalog pages for replacement information for discontinued models.

- Changes effective immediately
- No change to assembled part numbers
- No change to list prices
- Questions or concerns?
Please contact Technical Support, Control Components Division at 800-262-IDEC x7528 or email support@idec.com

IDEC Corporation announces a part number unification and consolidation for the TW Series of switches, affecting illuminated pushbuttons and pilot lights.

The lenses for the illuminated models are being consolidated. Previously, there were separate lenses for incandescent and LED models, but the introduction of the new superbright LED lamps has made this unnecessary. As of May 2002 we are offering only one shade of each color lens for all illuminated TW switches. All new lenses are distinguished by an additional "U" in the part number.

A full range of colors will still be available including amber, green, red, blue, white and yellow, but the shades may differ slightly from previous models. Attached is a complete list of old lenses and the suggested replacements. Cases where the unified lens model will be a different shade/hue are indicated.

The new part numbers affect ONLY sub-assembled orders; there is no change to assembled TW switches. Please be aware that some items previously ordered will be supplied with a different shade/hue of the lens as a result of this consolidation (see list for details).

Contact IDEC Technical Support for more information.



For more information call IDEC at:

1-800-262-IDEC

1175 Elko Drive
Sunnyvale, CA 94089
Fax: 408-745-5258

TW Lens Consolidation

NOTE: All new replacement parts include a “U” for unified. There is no change in list price.

Obsolete Item	Replacement	Description	Color Change?
ALQW2BL-A	ALQW2BLU-A	TW Lens PB Sqr	yes
ALQW2BL-G	ALQW2BLU-G	TW Lens PB Sqr	no
ALQW2BL-R	ALQW2BLU-R	TW Lens PB Sqr	no
ALQW2BL-S	ALQW2BLU-S	TW Lens PB Sqr	no
ALQW2BL-C	ALQW2BLU-W	TW Lens PB Sqr	no
ALQW2BL-W	ALQW2BLU-W	TW Lens PB Sqr	no
ALQW2BLD-Y	ALQW2BLU-Y	TW Lens PB Sqr	no
ALW2BL-A	ALW2BLU-A	TW Lens PB Rnd Extnd Mrkng	yes
ALW2BLD-A	ALW2BLU-A	TW Lens PB Rnd Extnd Mrkng	no
ALW2BL-G	ALW2BLU-G	TW Lens PB Rnd Extnd Mrkng	no
ALW2BLD-G	ALW2BLU-G	TW Lens PB Rnd Extnd Mrkng	yes
ALW2BL-R	ALW2BLU-R	TW Lens PB Rnd Extnd Mrkng	no
ALW2BLD-R	ALW2BLU-R	TW Lens PB Rnd Extnd Mrkng	yes
ALW2BL-S	ALW2BLU-S	TW Lens PB Rnd Extnd Mrkng	no
ALW2BL-C	ALW2BLU-W	TW Lens PB Rnd Extnd Mrkng	no
ALW2BLD-W	ALW2BLU-W	TW Lens PB Rnd Extnd Mrkng	no
ALW2BLD-Y	ALW2BLU-Y	TW Lens PB Rnd Extnd Mrkng	no
ALW2L-A	ALW2LU-A	TW Lens PB Rnd Extnd	yes
ALW2L-G	ALW2LU-G	TW Lens PB Rnd Extnd	no
ALW2L-R	ALW2LU-R	TW Lens PB Rnd Extnd	no
ALW2L-S	ALW2LU-S	TW Lens PB Rnd Extnd	no
ALW2L-W	ALW2LU-W	TW Lens PB Rnd Extnd	yes
ALW2LD-A	ALW2LU-A	TW Lens PB Rnd Extnd	no
ALW2LD-G	ALW2LU-G	TW Lens PB Rnd Extnd	yes
ALW2LD-R	ALW2LU-R	TW Lens PB Rnd Extnd	yes
ALW2LD-W	ALW2LU-W	TW Lens PB Rnd Extnd	no
ALW2LD-Y	ALW2LU-Y	TW Lens PB Rnd Extnd	no
ALW3BL-A	ALW3BLU-A	TW Lens PB 30mm-Mshrm Mrkng	yes
ALW3BL-C	ALW3BLU-W	TW Lens PB 30mm-Mshrm Mrkng	no
ALW3BL-G	ALW3BLU-G	TW Lens PB 30mm-Mshrm Mrkng	no
ALW3BL-R	ALW3BLU-R	TW Lens PB 30mm-Mshrm Mrkng	no
ALW3BL-S	ALW3BLU-S	TW Lens PB 30mm-Mshrm Mrkng	no
ALW3L-A	ALW3LU-A	TW Lens PB 30mm-Mshrm	yes
ALW3L-G	ALW3LU-G	TW Lens PB 30mm-Mshrm	no
ALW3L-R	ALW3LU-R	TW Lens PB 30mm-Mshrm	no
ALW3L-S	ALW3LU-S	TW Lens PB 30mm-Mshrm	no
ALW3L-W	ALW3LU-W	TW Lens PB 30mm-Mshrm	yes
ALW4BL-A	ALW4BLU-A	TW Lens PB 40mm-Mshrm Mrkng	yes
ALW4BL-C	ALW4BLU-W	TW Lens PB 40mm-Mshrm Mrkng	no
ALW4BL-G	ALW4BLU-G	TW Lens PB 40mm-Mshrm Mrkng	no
ALW4BL-R	ALW4BLU-R	TW Lens PB 40mm-Mshrm Mrkng	no
ALW4BL-S	ALW4BLU-S	TW Lens PB 40mm-Mshrm Mrkng	no
ALW4BL-W	ALW4BLU-W	TW Lens PB 40mm-Mshrm Mrkng	no
ALW4L-A	ALW4LU-A	TW Lens PB 40mm-Mshrm	yes
ALW4L-C	none	#N/A	n/a
ALW4L-G	ALW4LU-G	TW Lens PB 40mm-Mshrm	no
ALW4L-R	ALW4LU-R	TW Lens PB 40mm-Mshrm	no
ALW4L-S	ALW4LU-S	TW Lens PB 40mm-Mshrm	no
ALW4L-W	ALW4LU-W	TW Lens PB 40mm-Mshrm	yes
APQW1BL-A	APQW1BLU-A	TW Lens PL Sqr	yes
APQW1BL-C	APQW1BLU-W	TW Lens PL Sqr	no
APQW1BL-G	APQW1BLU-G	TW Lens PL Sqr	no
APQW1BL-R	APQW1BLU-R	TW Lens PL Sqr	no
APQW1BL-S	APQW1BLU-S	TW Lens PL Sqr	no
APQW1BLD-Y	APQW1BLU-Y	TW Lens PL Sqr	no

TW Lens Consolidation

NOTE: All new replacement parts include a “U” for unified. There is no change in list price.

Obsolete Item	Replacement	Description	Color Change?
APW1BLD-A	APW1BLU-A	TW Lens PL Rnd Flsh Mrkng	no
APW1BLD-G	APW1BLU-G	TW Lens PL Rnd Flsh Mrkng	yes
APW1BLD-R	APW1BLU-R	TW Lens PL Rnd Flsh Mrkng	yes
APW1BLD-W	APW1BLU-W	TW Lens PL Rnd Flsh Mrkng	no
APW1BLD-Y	APW1BLU-Y	TW Lens PL Rnd Flsh Mrkng	no
APW1BLN-A	APW1BLU-A	TW Lens PL Rnd Flsh Mrkng	yes
APW1BLN-C	APW1BLU-W	TW Lens PL Rnd Flsh Mrkng	no
APW1BLN-G	APW1BLU-G	TW Lens PL Rnd Flsh Mrkng	no
APW1BLN-R	APW1BLU-R	TW Lens PL Rnd Flsh Mrkng	no
APW1BLN-S	APW1BLU-S	TW Lens PL Rnd Flsh Mrkng	no
APW1LD-A	APW1LU-A	TW Lens PL Rnd Flsh	no
APW1LD-G	APW1LU-G	TW Lens PL Rnd Flsh	yes
APW1LD-R	APW1LU-R	TW Lens PL Rnd Flsh	yes
APW1LD-W	APW1LU-W	TW Lens PL Rnd Flsh	no
APW1LD-Y	APW1LU-Y	TW Lens PL Rnd Flsh	no
APW1LN-A	APW1LU-A	TW Lens PL Rnd Flsh	yes
APW1LN-G	APW1LU-G	TW Lens PL Rnd Flsh	no
APW1LN-R	APW1LU-R	TW Lens PL Rnd Flsh	no
APW1LN-S	APW1LU-S	TW Lens PL Rnd Flsh	no
APW1LN-W	APW1LU-W	TW Lens PL Rnd Flsh	yes
APW2L-A	APW2LU-A	TW Lens PL Dome	yes
APW2L-G	APW2LU-G	TW Lens PL Dome	no
APW2L-R	APW2LU-R	TW Lens PL Dome	no
APW2L-S	APW2LU-S	TW Lens PL Dome	no
APW2L-W	APW2LU-W	TW Lens PL Dome	yes
APW2LD-A	APW2LU-A	TW Lens PL Dome	no
APW2LD-G	APW2LU-G	TW Lens PL Dome	yes
APW2LD-R	APW2LU-R	TW Lens PL Dome	yes
APW2LD-W	APW2LU-W	TW Lens PL Dome	no
APW2LD-Y	APW2LU-Y	TW Lens PL Dome	no
ASLWDDY-A	ASLWLU-A	TW Lens Slctr	no
ASLWDDY-G	ASLWLU-G	TW Lens Slctr	yes
ASLWDDY-R	ASLWLU-R	TW Lens Slctr	yes
ASLWDDY-W	ASLWLU-W	TW Lens Slctr	no
ASLWDDY-Y	ASLWLU-Y	TW Lens Slctr	no
ASLWLD-A	ASLWLU-A	TW Lens Slctr	yes
ASLWLD-G	ASLWLU-G	TW Lens Slctr	no
ASLWLD-R	ASLWLU-R	TW Lens Slctr	no
ASLWLD-S	ASLWLU-S	TW Lens Slctr	no
ASLWLD-W	ASLWLU-W	TW Lens Slctr	yes
AVLW3BL-R	AVLW3BLU-R	TW Lens Estop PLTR 30mm Mshrm Mrkng	no
AVLW3L-R	AVLW3LU-R	TW Lens Estop PLTR 30mm Mshrm	no
AVLW4BL-R	AVLW4BLU-R	TW Lens Estop PLTR 40mm Mshrm Mrkng	no
AVLW4L-R	AVLW4LU-R	TW Lens Estop PLTR 40mm Mshrm	no
AYLW4BL-A	AYLW4BLU-A	TW Lens Estop Psh/Pll 40mm Mshrm Mrkng	yes
AYLW4BL-G	AYLW4BLU-G	TW Lens Estop Psh/Pll 40mm Mshrm Mrkng	no
AYLW4BL-R	AYLW4BLU-R	TW Lens Estop Psh/Pll 40mm Mshrm Mrkng	no
AYLW4BL-S	AYLW4BLU-S	TW Lens Estop Psh/Pll 40mm Mshrm Mrkng	no
AYLW4L-A	AYLW4LU-A	TW Lens Estop Psh/Pll 40mm Mshrm	yes
AYLW4L-G	AYLW4LU-G	TW Lens Estop Psh/Pll 40mm Mshrm	no
AYLW4L-R	AYLW4LU-R	TW Lens Estop Psh/Pll 40mm Mshrm	no
AYLW4L-S	AYLW4LU-S	TW Lens Estop Psh/Pll 40mm Mshrm	no
AYLW4L-W	AYLW4LU-W	TW Lens Estop Psh/Pll 40mm Mshrm	yes



Pilot Lights (Sub-Assembled)

Transformer + Operator + Lamp + Lens = Complete Part



* Transformer not required for full voltage units.

Part Numbers: Pilot Light Operators

Style	Part Number
 Round Dome/ Flush	APW-199
 Square	UPQW-199



1. Bezel included with operator.
2. Lens, lamp, and transformer must be ordered separately when applicable.
3. Same operator is used for full voltage as for transformer completed units.

Part Numbers: Pilot Light Lenses

Style	Part Number	
	Non-Marking	Marking
Dome	APW2LU-②	—
Round Flush	APW1LU-②	APW1BLU-②
Square Flush	—	APQW1BLU-②





1. In place of ②, specify the lens color code from table below.
2. Non-marking lenses have a ribbed lens to enhance light dispersion. Marking lenses include an engravable insert.

② Lens/LED Color Code

Color	Code
Amber	A
Green	G
Red	R
Blue	S
White	W
Yellow	Y

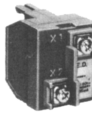
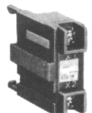
Part Numbers: Lamps

Type	Voltage	Current	Part Number
 LED	6V AC/DC	20mA	LSTD-6②
	12V AC/DC	20mA	LSTD-1②
	24V AC/DC	20mA	LSTD-2②
	120V AC	10mA	LSTD-H2②
	240V AC		LSTD-M4②
 Incandescent	6.3V AC/DC, 1W		IS-6
	12V AC/DC, 1W		IS-12
	24V AC/DC, 1W		IS-24
	30V AC/DC, 1W		IS-30



1. In place of ②, specify the LED color code from table below.
2. The LED contains a current-limiting resistor and diode bridge.

Part Numbers: Transformers

Description	Appearance	Primary Voltage (50/60Hz)	Part Number
Transformers		120V	TW-T126
		240V	TW-T246
		480V	TW-T486
		120V	TW-T126S
		240V	TW-T246S



All Transformers step down to 6V.

Illuminated Pushbuttons (Sub-Assembled) con't

Part Numbers: Lenses



Style	Part Number	
	Non-Marking	Marking
Round Extended 	ALW2LU-②	ALW2BLU-②
Square Extended 	—	ALQW2BLU-②
Ø 1-37/64 (Ø 40mm) Mushroom * 	ALW4LU-②	ALW4BLU-②
Ø 1-5/32 (Ø 29mm) Mushroom * 	ALW3LU-②	ALW3BLU-②
Ø 1-37/64 (Ø 40mm) Pushlock Turn Reset ** 	AVLW4LU-R	AVLW4BLU-R
Ø 1-37/64 (Ø 40mm) Push Pull * 	AYLW4LU-②	AYLW4BLU-②



In place of ②, specify the lens color code from table on the bottom right.

* = Not available in yellow. ** = Available in red ONLY.

Part Numbers: Lamps

Type	Voltage	Current	Part Number
LED 	6V AC	20mA	LSTD-6②
	12V AC/DC	20mA	LSTD-1②
	24V AC/DC	20mA	LSTD-2②
	120V AC	10mA	LSTD-H2②
	240V AC		LSTD-M4②
Incandescent 	6.3V AC/DC, 1W		IS-6
	12V AC/DC, 1W		IS-12
	24V AC/DC, 1W		IS-24



1. In place of ②, specify the LED color code.

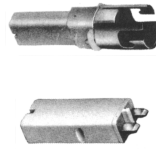
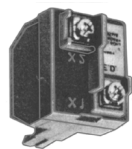
2. The LED contains a current-limiting resistor and a protection diode.

② LED/Lens Color Code

Color	Code
Amber	A
Green	G
Red	R
Blue	S
White	W
Yellow	Y

Illuminated Selector Switches (Sub-Assembled)

Adaptor* + Contact Block + Operator + Lamp/Lead Holder † + Lamp + Lens = Complete Part



A



- * AC adaptor is used with LED units, and a transformer is used with incandescent units
Full voltage LED, or incandescent units require a full voltage adaptor (TW-DA1).
- † Lamp holder is not included with operators, order separately.
Lead holder is used when using 3 or more contact blocks. Order separately.

Part Numbers: Operators

Positions	Description	Part Number
2	Maintained	ASLW200
	Spring return from right	ASLW2100
	Spring return from left	ASLW2200
3	Maintained, cam 1	ASLW300-1
	Maintained, cam 2	ASLW300-2
	Maintained, cam 3	ASLW300-3
	Spring return from right, cam 1	ASLW3100-1
	Spring return from right, cam 2	ASLW3100-2
	Spring return from left, cam 1	ASLW3200-1
Spring return from left, cam 2	ASLW3200-2	
3	Spring return from left/right, cam 1	ASLW3300-1
	Spring return from left/right, cam 2	ASLW3300-2



Different cams produced different contact action. For details, see Contact Arrangements on page A-146.

Part Numbers: Lamps (LED)

Type	Voltage	Current	Part Number
LED	6V AC	20mA	LSTD-6②
	12V AC/DC	20mA	LSTD-1②
	24V AC/DC	20mA	LSTD-2②
	120V AC	10mA	LSTD-H2②
	240V AC		LSTD-M4②
Incandescent	6.3V AC/DC, 1W		IS-6
	12V AC/DC, 1W		IS-12
	24V AC/DC, 1W		IS-24



- In place of ②, specify the LED color code.
- The LED contains a current-limiting resistor and a protection diodes.

Part Numbers: Lenses (Knobs)

Description	Part Number
Knob	ASLWLU-②



② LED/Lens Color Code

Color	Code
Amber	A
Green	G
Red	R
Blue	S
White	W
Yellow	Y