

WLS27



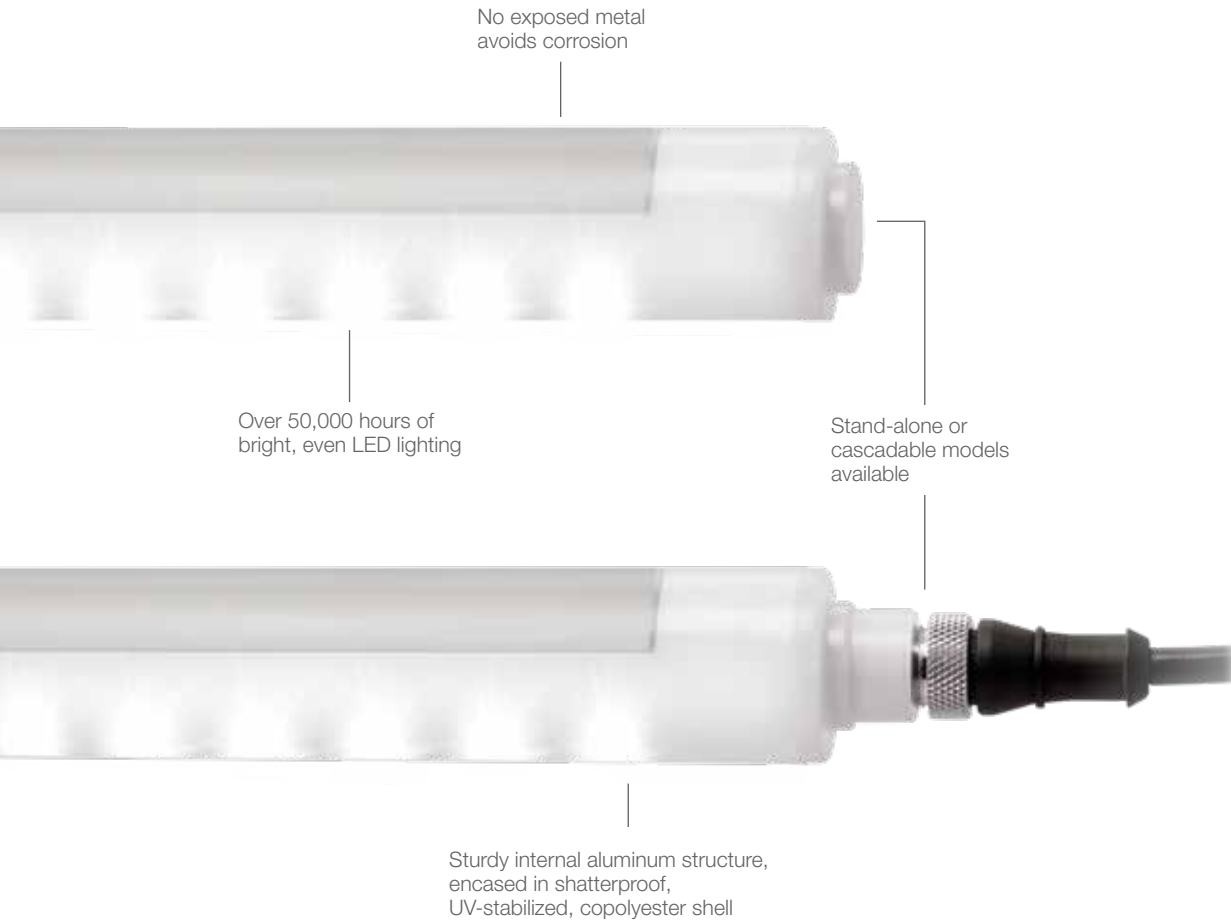
LED Strip Lights

- Rugged, water-resistant IP66, IP67 and IP69K design
- Single-, dual-colored, or multicolored models available
- EZ-STATUS™ models combine illumination and indication
- Ideal for harsh indoor and outdoor applications



Advanced Solutions

- Eight lengths available from 145 to 1130 mm
- Hi/Lo/Off settings are controlled by the wiring pinout
- Available in 6 colors to meet your application needs
- Dual-color and multicolor models controlled by two or three wires

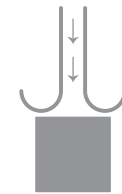


Unique Round Design

- Suitable for laminar airflow applications
- No need for an enclosure



Round design of WLS27 minimizes turbulence



Other models can cause turbulence and may require an enclosure



Cool, Daylight, or Warm White

Red

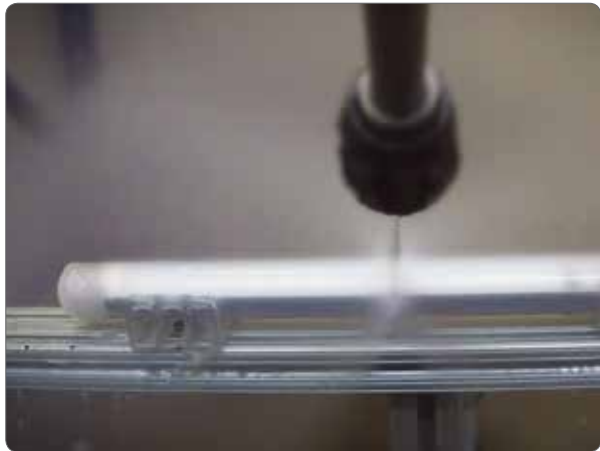
Green

Blue

Yellow

Rugged for Harsh Environments

- Impact resistant for direct use in work areas
- Redundant sealing via o-rings and ultrasonically welded end caps
- Water-, chemical-, and cleaning solvent-resistant IP66, IP67 and IP69K design
- Laser marked—no labels to fall off



Robust



IP69K



Washdown and
Chemical-resistant



Illumination

Light up a space to increase productivity and improve worker ergonomics and safety.

- Low bay task lights bring extra light where needed when high bay or ceiling lights are insufficient or are blocked by structures
- Task lights provide bright, focused light for finer tasks at workstations
- Heavy-duty machine lights allow operators to see into machine enclosures to visually monitor machine processes

Indication

Use colored light to provide visual status updates.

- Tower lights and other indicators can change colors and/or flash when a change in status has occurred
- Let a manager know he or she is needed at a station
- Alert an operator that a machine has jammed or material needs to be refilled

Illumination + Indication

EZ-STATUS® models combine illumination and multiple indication capabilities in a single device.

- Promotes faster responses to status changes
- Improves ergonomics and limits wasted movement
- Reduces the risk of costly mistakes and accidents

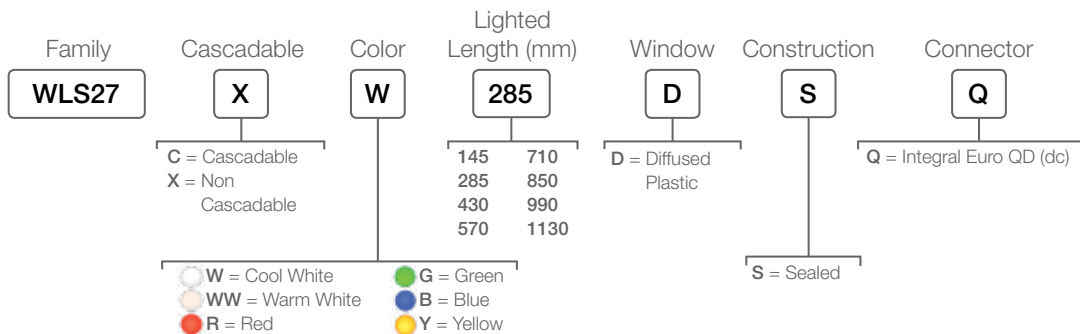
WLS27 Single-Color LED Strip Light

Challenge

- Enclosed area is dark, making it hard for operators to see potential problems
- Machines are exposed to washdown procedures
- Light must not break during operation and cleaning

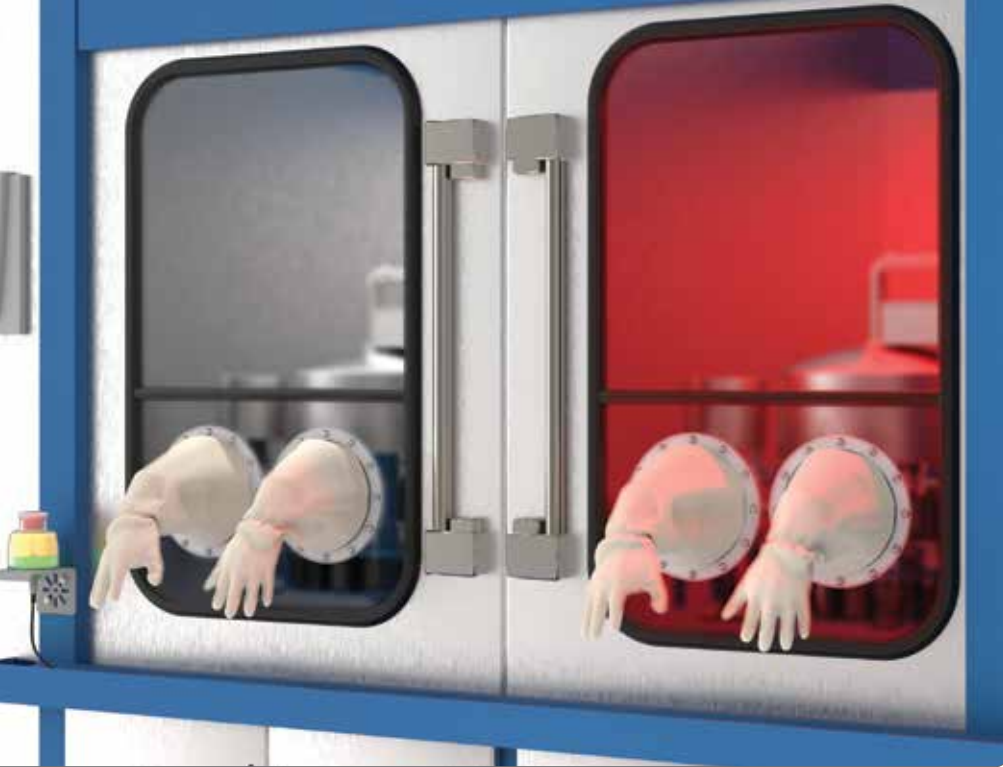
Solution

- Bright LED illumination is rated for 50,000 hours
- Hygienic, IP69K certified housing for food processing and washdown environments
- Rugged design with shatterproof copolyester shell can be installed directly inside of the machine without worry



Length (mm)	Lumens (Typical @ 25 °C)						Typical Wattage* (Watts)
	Cool White	Warm White	Red	Green	Blue	Yellow	
145	325	325	55	180	40	50	4
285	650	650	110	360	80	100	7
430	975	975	165	540	120	150	11
570	1300	1300	220	720	160	200	15
710	1625	1625	275	900	200	250	19
850	1950	1950	330	1080	240	300	22
990	2275	2275	385	1260	280	350	26
1130	2600	2600	440	1440	320	400	30

*Typical operating wattage is measured at 24 V dc



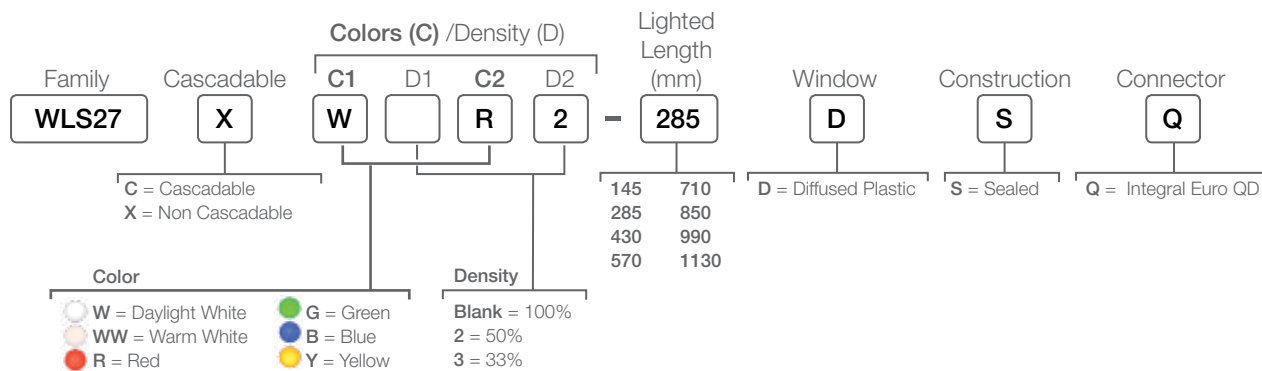
WLS27 Dual-Color LED Strip Light

Challenge

- On large machines, it can take time to determine the source of a problem
- Once a problem is identified, high quality task lighting is required for troubleshooting

Solution

- Dual color lights alert operators to the machine condition and direct them to the location of the problem
- Allows operators to respond more quickly to status changes
- When the guard door opens, the light returns to white task lighting, providing clear visibility for troubleshooting



Length (mm)	Lumens (Typical @ 25 °C)					Typical Wattage* (Watts)
	White	Red	Yellow	Green	Blue	
145	238	100	75	150	55	4
285	475	200	150	300	110	7
430	713	300	225	450	165	11
570	950	400	300	600	220	15
710	1188	500	375	750	275	18
850	1425	600	450	900	330	22
990	1663	700	525	1050	385	26
1130	1900	800	600	1200	440	30

*Typical operating wattage is measured at 24 V dc

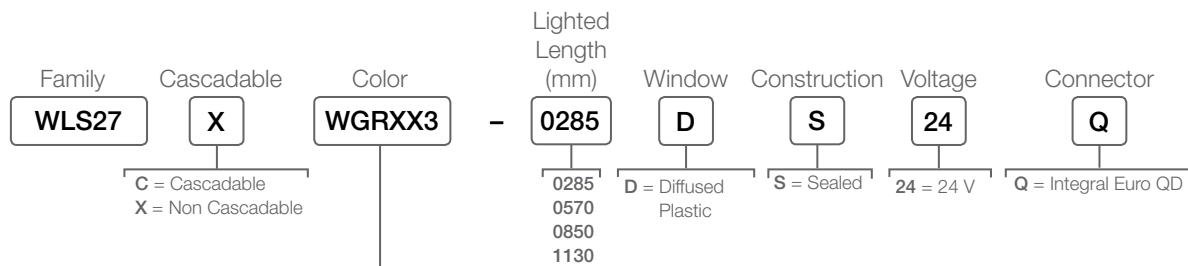
WLS27 Multicolor LED Strip Light with EZ-STATUS™

Challenge

- At workstations, operators may not see tower lights unless they are looking up and in the general direction of the indicator
- Operators may tune out audible alarm cues
- Not seeing or hearing an alert right away slows response time

Solution

- Multicolor task lights provide illumination during normal operation and offer a large variety of color options for status indication
- When an alert occurs, the task light turns RED or BLUE, flooding the whole work space with color

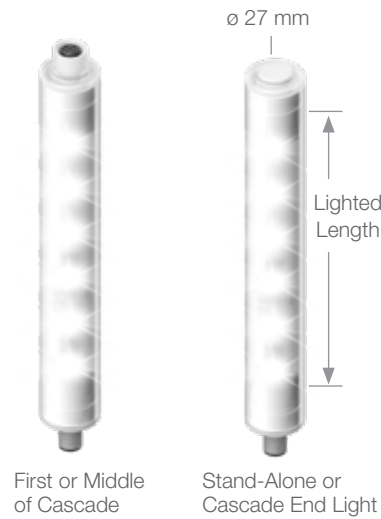


WGRXX3 = White, Green, and Red with override control
 WYRXX3 = White, Yellow, and Red with override control
 GYRXX3 = Green, Yellow, and Red with override control
 WGRYB5 = White, Green, Red, Yellow, and Blue with binary control
 WGRXX6 = White, Green, and Red with I/O Block control
 WYRXX6 = White, Yellow, and Red with I/O Block control
 GYRXX6 = Green, Yellow, and Red with I/O Block control

Length (mm)	Lumens (Typical @ 25 °C)					Typical Wattage* (Watts)
	Daylight White	Red	Green	Blue	Yellow	
285	650	185	400	125	570	7
570	1300	370	800	250	1140	15
850	1950	555	1200	375	1710	22
1130	2600	740	1600	500	2280	30

*Typical operating wattage is measured at 24 V dc

WLS27 LED Strip Lights



First or Middle of Cascade

Stand-Alone or Cascade End Light

Length (mm)	
145	710
285	850
430	990
570	1130

Supply Voltage

Single- or Dual-color: 12 to 30 V dc
Multicolor: 24 V dc

Construction

Clear anodized aluminum inner housing;
FDA-grade copolyester outer housing

Operating/Storage Temperature

Single- or Dual-color: -40 to +70 °C (-40 to +158 °F)
Multicolor: -40 to +50 °C (-40 to +122 °F)

Connections

Integral 4-pin M12 quick disconnect fitting
(4-pin connecting cordset required)

Environmental Rating

IEC IP66, IP67, IP69K per DIN 40050

Vibration and Mechanical Shock

Vibration 10-55 Hz 1.0 mm p-p amplitude per IEC 60068-2-6
Shock 15G 11 ms duration, half sine wave per IEC 60068-2-27

Certifications



Accessories



LMBWLS27EC

LMBWLS27H
Stainless steel

LMBWLS27T
Stainless steel



LMBWLS27U



LMBWLS27SP



WLS28-2MQ
In-Line Motion
Detection Switch with
M12 Connectors
(not sealed—IP50)



WLS28-2PBQ
In-Line Switch with
M12 Connectors
(not sealed—IP50)

IP69K Washdown Cables



4-Pin M12 Euro-Style Washdown Cordset
Straight connector models only

MQDC-WDSS-0406
2 m (6.5')
MQDC-WDSS-0415
5 m (15')
MQDC-WDSS-0430
9 m (30')

4-Pin M12/Euro-Style Double-ended (straight male/straight female connectors)

MQDEC-WDSS401SS
0.3 m (1')
MQDEC-WDSS403SS
1 m (3')
MQDEC-WDSS406SS
2 m (6.5')

Standard Cables



4-Pin M12/Euro-Style Cordsets
Straight connector models listed; for right-angle, add RA to the end of the model number (example, MQDC-406RA)

MQDC-406
2 m (6.5')
MQDC-415
5 m (15')
MQDC-430
9 m (30')

4-Pin M12/Euro-Style Cordsets
Double-ended (straight male/straight female connectors)

MQDEC-401SS
0.3 m (1')
MQDEC-403SS
1 m (3')
MQDEC-406SS
2 m (6.5')

4-Pin M12/Euro-Style Cordsets
Splitter

CSB-M1241M1241
0.3 m (1') male trunk;
2 x 0.3 m (1') female branches

