

# SUBZERO LED RANGE

# INTEGRATION TECHNOLOGY

## Innovative, Air-cooled UV LED

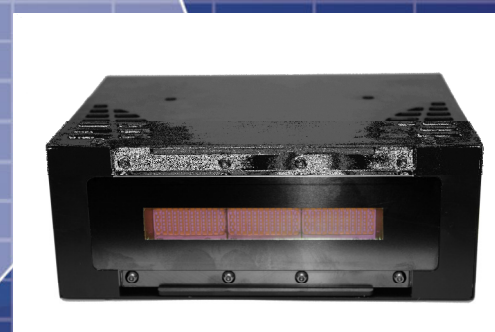
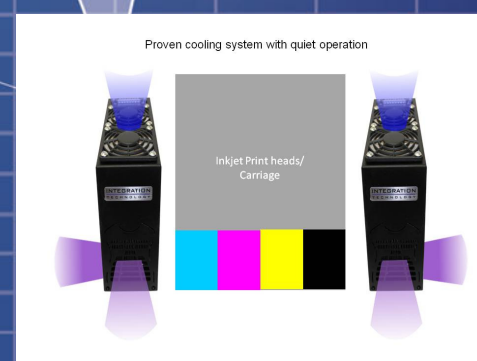
SubZero, the world's leading UV curing systems for wide format graphics now introduces the next generation of the family; SubZero LED.

The Research and Development team at ITL have taken all of the proven features and benefits of their arc systems and incorporated them into a revolutionary new air-cooled UV LED Curing System.

If you are a current UV arc technology user or wanting to take the opportunity the extra benefits UV LED can offer then look no further than the SubZero LED range. SubZero LED will out-perform all competitive UV LED products in this air-cooled category. SubZero LED is a viable, cost effective fully integrated package for any future development programme, as well as being an easy retro fit for all existing platforms using SubZero arc products.

## SubZero LED Standard Features

- 7W/cm<sup>2</sup> @ 395nm (measured 1mm from the surface of the emitting window)
- Variable power 0 - 10 (low – high) 0 – 100%
- Proven air flows that do not disrupt ink jetting
- High flex cable 8m as standard, optional up to 12m available
- Fully field serviceable for extended operating life
- Similar mountings to SubZero arc products
- Models to suit all wide format graphics printers
- Equivalent output performance to SubZero arc products, eg scanning platforms operating at speeds in excess of 1m/sec in a 2 pass mode
- Comprehensive warranty backed by global support direct from Integration Technology and through its Strategic Partner IST Metz



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## Specifications

### SubZero LED 060

Cure length 60mm  
Emitting window 65mm x 14mm  
L 140mm x W 67mm x H 135mm  
LED head weight 1.2kg (2.6 lbs)

### SubZero LED 120

Cure length 120mm  
Emitting window 125mm x 14mm  
L 225mm x W 105mm x L 135mm  
LED head weight 2.1kg (4.6 lbs)

### SubZero LED 180

Cure length 180mm  
Emitting window 185mm x 14mm  
L 285mm x W 105mm x H 135mm  
LED Head weight 3.3kg (7.3 lbs)

### SubZero LED 090

Cure length 90mm  
Emitting window 95mm x 14mm  
L 170mm x W 67mm x H 135mm  
LED head weight 1.4kg (3.1 lbs)

### SubZero LED 150

Cure length 150mm  
Emitting window 155mm x 14mm  
L 255mm x W 105mm x H 135mm  
LED head weight 2.7kg (6.0 lbs)

### SubZero LED 210

Cure length 210mm  
Emitting window 215mm x 14mm  
L 315mm x W 105mm x H 135mm  
LED head weight 3.8kg (8.4 lbs)

## Power Supply\*

SubZero LED 060	100 – 250 Volts AC	50/60 Hz
SubZero LED 090	100 – 250 Volts AC	50/60 Hz
SubZero LED 120	200 – 250 Volts AC	50/60 Hz
SubZero LED 150	200 – 250 Volts AC	50/60 Hz
SubZero LED 180	200 – 250 Volts AC	50/60 Hz
SubZero LED 210	200 – 250 Volts AC	50/60 Hz

\*Subject to number and size of Lamp Heads

Systems as standard are available as single or twin head versions SubZero LED 060 used as an example below.

### SubZero LED 060

Comprising of:  
1 x Power Supply Unit  
1 x 060mm Lamp Head  
1 x 8m High flex cable  
1 x Mains Power Cable (IEC)

### SubZero LED 060 OEM (no plc)

Comprising of:  
1 x Power Supply Unit  
1 x 060mm Lamp Head  
1 x 8m High Flex cable  
1 x Mains Power Cable (IEC)

### SubZero LED 060 Twin

Comprising of:  
1 x Power Supply Unit  
2 x 060mm Lamp Head  
2 x 5m High flex cable  
1 x Mains Power Cable (IEC)

### SubZero LED 060 Twin OEM (no plc)

Comprising of:  
1 x Power Supply Unit  
2 x 060mm Lamp Head  
2 x 8m High Flex cable  
1 x Mains Power Cable (IEC)

Optional Extras available upon request:

Remote Box (on/off and variable power), Alternative cable lengths, Non flexible cable, Lamp head only (customer to furnish power supply, cables and control functionality etc)

Authorized distributor in China: Shenzhen Wisbay M&E Co., Ltd

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Strategic Partner of IST Metz GmbH