

# Verso Boost

-  **IP66** Ingress Protection
-  **IK08** Lens / **IK10** Housing
-  **12.4kg** Weight
-  **LED** Light Source
-  **Class I** Remote Driver
-  **Class II** Housing
-  **-20°C** Minimum Ambient
-  **50°C** Maximum Ambient

## SPECIFICATION

- LED colour temperature of 3000k, 4000k or 5700k
- Colour rendering index >70
- In excess of 100,000 hour lifetime
- Up to 127lm/W
- Power Factor 0.97
- Light weight / low profile black anodised extruded aluminium luminaire
- Dedicated optical assemblies
- Rear or end entry connections for housing
- Dedicated clamp brackets
- Total galvanic isolation from mounting structure
- Bayonet lock connectors
- Remote Driver enclosure
- DALI / 1-10V / Power Line dimming compatible
- Dim level 10-100% (30-100% Power Line)

## RANGE OVERVIEW

| System Power | Broad Optic | Narrow optic | Asymetric optic | CCT                  | Lumen Output   | CRI | System Efficiency |
|--------------|-------------|--------------|-----------------|----------------------|----------------|-----|-------------------|
| 139W         | ✓           | ✓            | ✓               | 3000k,4000k or 5700k | Up to 17,238lm | >70 | Up to 124lm/W     |
| 203W         | ✓           | ✓            | ✓               | 3000k,4000k or 5700k | Up to 25,856lm | >70 | Up to 127lm/W     |
| 276W         | ✓           | ✓            | ✓               | 3000k,4000k or 5700k | Up to 34,475lm | >70 | Up to 125lm/W     |

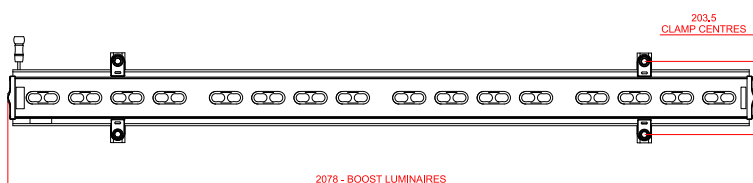
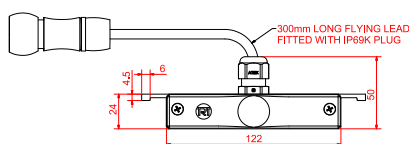
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## ELECTRICAL CHARACTERISTICS

|                                          |                                                                                                       |                                                                                                       |                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| System Power                             | 139W                                                                                                  | 203W                                                                                                  | 276W                                                                                                  |
| LED Type                                 | Luxeon M                                                                                              | Luxeon M                                                                                              | Luxeon M                                                                                              |
| LED Quantity                             | 16                                                                                                    | 24                                                                                                    | 32                                                                                                    |
| LED CCT                                  | 3000k/4000k/5700k                                                                                     | 3000k/4000k/5700k                                                                                     | 3000k/4000k/5700k                                                                                     |
| LED CRI                                  | >70 as standard                                                                                       | >70 as standard                                                                                       | >70 as standard                                                                                       |
| Driver Type                              | Philips Xitanium 150W 0.7A Prog+ 230V-H sXt                                                           | Philips Xitanium 100W Prog+ 0.7A GL-Z sXt                                                             | Philips Xitanium 150W 0.7A Prog+ 230V-H sXt                                                           |
| Driver Qty                               | 1                                                                                                     | 2                                                                                                     | 2                                                                                                     |
| Lumen Output                             | 17,238lm                                                                                              | 25,856lm                                                                                              | 34,475lm                                                                                              |
| Lumen Maintenance                        | L90 @ 100,000 hours                                                                                   | L90 @ 100,000 hours                                                                                   | L90 @ 100,000 hours                                                                                   |
| Drive Current                            | 700mA                                                                                                 | 700mA                                                                                                 | 700mA                                                                                                 |
| Driver Efficiency                        | 92% @ full load 230Vrms                                                                               | 92% @ full load 230Vrms                                                                               | 92% @ full load 230Vrms                                                                               |
| Power Factor                             | 0.98                                                                                                  | 0.972                                                                                                 | 0.98                                                                                                  |
| Luminaire Efficacy                       | 124lm/W                                                                                               | 127lm/W                                                                                               | 125lm/W                                                                                               |
| Operational Voltage                      | 220-240V                                                                                              | 120-277V                                                                                              | 220-240V                                                                                              |
| Operating Frequency                      | 50/60 Hz                                                                                              | 50/60 Hz                                                                                              | 50/60 Hz                                                                                              |
| Inrush Current                           | 125A @ 230Vrms (per driver)                                                                           | 80A @ 230Vrms (per driver)                                                                            | 125A @ 230Vrms (per driver)                                                                           |
| Max. driver qty on MCB 16A Type B        | 9                                                                                                     | 9                                                                                                     | 9                                                                                                     |
| Running Current                          | 0.59A                                                                                                 | 0.873A                                                                                                | 1.2A                                                                                                  |
| Basic Surge Protection                   | 4kV(comm)/4kV(diff)                                                                                   | 4kV(comm)/4kV(diff)                                                                                   | 4kV(comm)/4kV(diff)                                                                                   |
| Additional Surge Protection (on request) | 10kV                                                                                                  | 10kV                                                                                                  | 10kV                                                                                                  |
| Dimming Protocols                        | DALI /1-10V/Power Line                                                                                | DALI /1-10V/Power Line                                                                                | DALI /1-10V/Power Line                                                                                |
| Dim Level                                | 10-100% (30-100% Power Line)                                                                          | 10-100% (30-100% Power Line)                                                                          | 10-100% (30-100% Power Line)                                                                          |
| Insulation Class                         | Class II (Housing) Class I (Remote Driver)                                                            | Class II (Housing) Class I (Remote Driver)                                                            | Class II (Housing) Class I (Remote Driver)                                                            |
| Connections                              | Driver to luminaire LSF0H Silicone or fire proof cable supplied with IP68/69K bayonet lock connectors | Driver to luminaire LSF0H Silicone or fire proof cable supplied with IP68/69K bayonet lock connectors | Driver to luminaire LSF0H Silicone or fire proof cable supplied with IP68/69K bayonet lock connectors |

## MECHANICAL CHARACTERISTICS

|                            |                                               |
|----------------------------|-----------------------------------------------|
| Housing and cover material | Extruded Aluminium 6063T6                     |
| Lens Material              | PMMA (Polymethylmethacrylate)                 |
| Clamp Material             | LM6 High Pressure Die Cast Aluminium          |
| Clamp Insulator Material   | Nylon                                         |
| Gasket Material            | Closed Cell Silicone                          |
| Housing Finish             | Black Anodised AA25                           |
| Clamp Finish               | Polyester Powder Coat (RAL9017)               |
| Ingress Protection Rating  | IP66                                          |
| Weight                     | 12kg (12.4kg with fixing clamps & insulators) |
| Impact Resistance          | IK10 Body / IK08 Lens                         |



All information detailed within this datasheet is accurate at the date of issue.  
The information provided is subject to change at our discretion.  
If any questions arise or extra information is required, please contact TRT Lighting directly.