

- Utility street lighting products for general application in urban & industrial environments
- Ingress & impact resistant luminaire with indexable, 6-position quick-select head positioning system
- CE, RoHS, TUV, CB, UL, DLC, & SAA international product marks
- The most competitive, high-end solution for projects worldwide



## *Utility Street Lights*



## Street Lighting / Street Lights /

|                               |                       |                       |                       |                       |                       |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Nominal Power / Product Class | 35W                   | 40W                   | 65W                   | 80W                   | 100W                  |
| Nominal Efficacy              | 110lm/W               | 110lm/W               | 110lm/W               | 110lm/W               | 110lm/W               |
| Nominal Output                | 3,850lm               | 4,400lm               | 7,150lm               | 8,800lm               | 11,000lm              |
| Light Engine & Model          | Philips Luxeon TX     | Philips Luxeon TX     | Philips Luxeon TX     | Philips Luxeon TX     | Philips Luxeon TX     |
| Lumen Maintenance (TM21)      | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        |
| LM79 Test Conditions (Abrid.) | Maintained 24°C       | Maintained 24°C       | Maintained 24°C       | Maintained 24°C       | Maintained 24°C       |
| CCT (5000K Standard)          | 5000K, Custom         | 5000K, Custom         | 5000K, Custom         | 5000K, Custom         | 5000K, Custom         |
| CRI (≥70Ra Standard)          | ≥70Ra, Custom         | ≥70Ra, Custom         | ≥70Ra, Custom         | ≥70Ra, Custom         | ≥70Ra, Custom         |
| UGR                           | Contact Office        | Contact Office        | Contact Office        | Contact Office        | Contact Office        |
| Lens(es) (Clear Standard)     | Clear                 | Clear                 | Clear                 | Clear                 | Clear                 |
| Distribution Pattern, IESNA   | I, II, III, V         | I, II, III, V         | I, II, III, V         | I, II, III, V         | I, II, III, V         |
| Distribution Pattern Variants | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   |
| Ingress Resistance            | IP66                  | IP66                  | IP66                  | P66                   | IP66                  |
| Impact Resistance             | IK08                  | IK08                  | IK08                  | IK08                  | IK08                  |
| Ambient Usage Tolerance       | -40°C to 50°C         | -40°C to 50°C         | -40°C to 50°C         | -40°C to 50°C         | -40°C to 50°C         |
| Ambient Storage Tolerance     | -40°C to 80°C         | -40°C to 80°C         | -40°C to 80°C         | -40°C to 80°C         | -40°C to 80°C         |
| Ambient Humidity Tolerance    | 10% to 90% RH         | 10% to 90% RH         | 10% to 90% RH         | 10% to 90% RH         | 10% to 90% RH         |
| PSU Manufacturer              | Mean Well             | Mean Well             | Mean Well             | Mean Well             | Mean Well             |
| PSU Advanced Data             | Contact Office        | Contact Office        | Contact Office        | Contact Office        | Contact Office        |
| Input Voltage                 | 100-277VAC            | 100-277VAC            | 100-277VAC            | 100-277VAC            | 100-277VAC            |
| Input Frequency               | 50-60Hz               | 50-60Hz               | 50-60Hz               | 50-60Hz               | 50-60Hz               |
| Power Factor                  | ≥0.9                  | ≥0.9                  | ≥0.9                  | ≥0.9                  | ≥0.9                  |
| THD                           | <20%                  | <20%                  | <20%                  | <20%                  | <20%                  |
| Product Dimensions (LxWxH)    | 431 x 316 x 136mm     | 431 x 316 x 136mm     | 504 x 316 x 136mm     | 504 x 316 x 136mm     | 577 x 316 x 136mm     |
| Cable Dimension (L)           | Terminal Block        | Terminal Block        | Terminal Block        | Terminal Block        | Terminal Block        |
| Fixture Weight                | 5.3kg                 | 5.3kg                 | 6.1kg                 | 6.1kg                 | 7.3kg                 |
| Fixture Primary Material(s)   | Aluminium Alloy       | Aluminium Alloy       | Aluminium Alloy       | Aluminium Alloy       | Aluminium Alloy       |
| Fixture Finish                | Anodised, Powder Coat | Anodised, Powder Coat | Anodised, Powder Coat | Anodized, Powder Coat | Anodised, Powder Coat |
| Lens(es) Materials            | Polycarbonate         | Polycarbonate         | Polycarbonate         | Polycarbonate         | Polycarbonate         |
| Product Warranty              | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     |





## Street Lighting / Street Lights /

| Nominal Power / Product Class | 120W                  | 135W                  | 160W                  | 200W                  | 230W                  |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Nominal Efficacy              | 110lm/W               | 110lm/W               | 110lm/W               | 110lm/W               | 110lm/W               |
| Nominal Output                | 13,200lm              | 14,850lm              | 17,600lm              | 22,000lm              | 25,300lm              |
| Light Engine & Model          | Philips Luxeon TX     | Philips Luxeon TX     | Philips Luxeon TX     | Philips Luxeon TX     | Philips Luxeon TX     |
| Lumen Maintenance (TM21)      | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        |
| LM79 Test Conditions (Abrid.) | Maintained 24°C       | Maintained 24°C       | Maintained 24°C       | Maintained 24°C       | Maintained 24°C       |
| CCT (5000K Standard)          | 5000K, Custom         | 5000K, Custom         | 5000K, Custom         | 5000K, Custom         | 5000K, Custom         |
| CRI (≥70Ra Standard)          | ≥70Ra, Custom         | ≥70Ra, Custom         | ≥70Ra, Custom         | ≥70Ra, Custom         | ≥70Ra, Custom         |
| UGR                           | Contact Office        | Contact Office        | Contact Office        | Contact Office        | Contact Office        |
| Lens(es) (Clear Standard)     | Clear                 | Clear                 | Clear                 | Clear                 | Clear                 |
| Distribution Pattern, IESNA   | I, II, III, V         | I, II, III, V         | I, II, III, V         | I, II, III, V         | I, II, III, V         |
| Distribution Pattern Variants | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   |
| Ingress Resistance            | IP66                  | IP66                  | IP66                  | IP66                  | IP66                  |
| Impact Resistance             | IK08                  | IK08                  | IK08                  | IK08                  | IK08                  |
| Ambient Usage Tolerance       | -40°C to 50°C         | -40°C to 50°C         | -40°C to 50°C         | -40°C to 50°C         | -40°C to 50°C         |
| Ambient Storage Tolerance     | -40°C to 80°C         | -40°C to 80°C         | -40°C to 80°C         | -40°C to 80°C         | -40°C to 80°C         |
| Ambient Humidity Tolerance    | 10% to 90% RH         | 10% to 90% RH         | 10% to 90% RH         | 10% to 90% RH         | 10% to 90% RH         |
| PSU Manufacturer              | Mean Well             | Mean Well             | Mean Well             | Mean Well             | Mean Well             |
| PSU Advanced Data             | Contact Office        | Contact Office        | Contact Office        | Contact Office        | Contact Office        |
| Input Voltage                 | 100-277VAC            | 100-277VAC            | 100-277VAC            | 100-277VAC            | 100-277VAC            |
| Input Frequency               | 50-60Hz               | 50-60Hz               | 50-60Hz               | 50-60Hz               | 50-60Hz               |
| Power Factor                  | ≥0.9                  | ≥0.9                  | ≥0.9                  | ≥0.9                  | ≥0.9                  |
| THD                           | <20%                  | <20%                  | <20%                  | <20%                  | <20%                  |
| Product Dimensions (LxWxH)    | 577 x 316 x 136mm     | 650 x 316 x 136mm     | 650 x 316 x 136mm     | 723 x 316 x 136mm     | 869 x 316 x 136mm     |
| Cable Dimension (L)           | Terminal Block        | Terminal Block        | Terminal Block        | Terminal Block        | Terminal Block        |
| Fixture Weight                | 7.3kg                 | 8.2kg                 | 8.2kg                 | 9.0kg                 | 11.6kg                |
| Fixture Primary Material(s)   | Aluminium Alloy       | Aluminium Alloy       | Aluminium Alloy       | Aluminium Alloy       | Aluminium Alloy       |
| Fixture Finish                | Anodised, Powder Coat | Anodised, Powder Coat | Anodised, Powder Coat | Anodised, Powder Coat | Anodised, Powder Coat |
| Lens(es) Materials            | Polycarbonate         | Polycarbonate         | Polycarbonate         | Polycarbonate         | Polycarbonate         |
| Product Warranty              | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     |



## Street Lighting / Street Lights /

|                               |                       |                       |
|-------------------------------|-----------------------|-----------------------|
| Nominal Power / Product Class | 240W                  | 280W                  |
| Nominal Efficacy              | 110lm/W               | 110lm/W               |
| Nominal Output                | 26,400lm              | 30,800lm              |
| Light Engine & Model          | Philips Luxeon TX     | Philips Luxeon TX     |
| Lumen Maintenance (TM21)      | L70 ≥60,000Hrs        | L70 ≥60,000Hrs        |
| LM79 Test Conditions (Abrid.) | Maintained 24°C       | Maintained 24°C       |
| CCT (5000K Standard)          | 5000K, Custom         | 5000K, Custom         |
| CRI (≥70Ra Standard)          | ≥70Ra, Custom         | ≥70Ra, Custom         |
| UGR                           | Contact Office        | Contact Office        |
| Lens(es) (Clear Standard)     | Clear                 | Clear                 |
| Distribution Pattern, IESNA   | I, II, III, V         | I, II, III, V         |
| Distribution Pattern Variants | N/A                   | N/A                   |
| Ingress Resistance            | IP66                  | IP66                  |
| Impact Resistance             | IK08                  | IK08                  |
| Ambient Usage Tolerance       | -40°C to 50°C         | -40°C to 50°C         |
| Ambient Storage Tolerance     | -40°C to 80°C         | -40°C to 80°C         |
| Ambient Humidity Tolerance    | 10% to 90% RH         | 10% to 90% RH         |
| PSU Manufacturer              | Mean Well             | Mean Well             |
| PSU Advanced Data             | Contact Office        | Contact Office        |
| Input Voltage                 | 100-227VAC            | 100-227VAC            |
| Input Frequency               | 50-60Hz               | 50-60Hz               |
| Power Factor                  | ≥0.9                  | ≥0.9                  |
| THD                           | <20%                  | <20%                  |
| Product Dimensions (LxWxH)    | 796 x 316 x 136mm     | 869 x 316 x 136mm     |
| Cable Dimension (L)           | Terminal Block        | Terminal Block        |
| Fixture Weight                | 9.9kg                 | 11.6kg                |
| Fixture Primary Material(s)   | Aluminium Alloy       | Aluminium Alloy       |
| Fixture Finish                | Anodised, Powder Coat | Anodised, Powder Coat |
| Lens(es) Materials            | Polycarbonate         | Polycarbonate         |
| Product Warranty              | 5 (10 Ltd.) Years     | 5 (10 Ltd.) Years     |

### Diffusers

This series is available with the following diffusers. Each diffuser will have a varying effect on photometric distribution and intensity. Please refer to downloadable photometrics for exact data.



Clear Optic (Various Beam Angles)



Clear Optic (Various Beam Angles)