

ASPECT GEN2

ZEBRA 64 LED



IP66
Ingress Protection



IK08
Impact Resistance



9.4kg Weight



Electrical Class I



0.1505m² Wind Area



-20 to 30°C Ambient
(50°C with derated
lumen output)



LED Light Source



TM66 Score
2.7 (Excellent)



SPECIFICATION

- ✓ LED colour temperature 3000K, 4000K or 5700K
- ✓ Colour rendering index >70
- ✓ Projected L90 after 100,000 hours
- ✓ Power factor >0.95 at full load
- ✓ 1000 hour salt spray compliant, polyester powder coat finish in light grey, dark grey, black or a bespoke colour
- ✓ Marine grade high pressure die cast LM6 aluminium components
- ✓ Stainless steel fixing screws with stainless steel inserts in pivot
- ✓ Toughened ultra efficient safety glass cover (polycarbonate cover optional)
- ✓ Quick release canopy for ease of upgrade
- ✓ Lumi-LinQ wireless exterior lighting control system (optional)
- ✓ Controls - NEMA 7, Zhaga Book 18 (SR) socket (top and/or bottom) and Photocell
- ✓ CLO available
- ✓ PowerSet NFC for external programming of power output, CLO and dimming regimes (manual version available)
- ✓ Part Night Dimming (PND) with manual override option
- ✓ Dim level 10-100%
- ✓ DALI compatible for use with CMS
- ✓ Optional surge protection 10kV/10kA
- ✓ Patented MountSet: Universal system providing post top 60mm or 76mm / side entry 34mm, 42mm, 60mm or 76mm mounting
- ✓ Post top inclination of 0°, +5° and +10°
- ✓ Side entry inclination of -10°, -5°, 0°, +5° and +10°
- ✓ Tool-less access (vandal-proof fixings optional)
- ✓ UMSUG codes available for full product range



PowerSet NFC enables fast adjustment of power and lumen output via a simple handheld remote, eliminating the need to open the luminaire. Exclusive to TRT, it simplifies setup, reduces stock holding, and maximises flexibility.

ELECTRICAL CHARACTERISTICS

| | |
|--|---|
| System Power | 60-132W |
| LED CCT | 3000K, 4000K or 5700K |
| LED CRI | >70 |
| Lumen Output | Up to 21,830lm |
| Lumen Maintenance | Projected L90 after 100,000 hours |
| Driver Current | 700mA |
| Driver Output | Constant current output with AM dimming |
| Power Factor (Full Load/Half Load) | 0.95/0.90 |
| Operational Voltage | 220-240VAC rms |
| Operating Frequency | 50/60Hz |
| Inrush Current (Apk/50%-μS) | 80A/250μS |
| Running Current (Max) | 579mA |
| Surge Protection (COM/DIF) | 10kV/6kV |
| Additional Surge Protection (on request) | 10kV/10kA |
| Lighting Controls Options | NEMA 7, Zhaga Book 18 (SR) socket (top and/or bottom), Photocell, Lumi-LinQ, PND and CMS compatible |
| Controls Protocols | DALI-2 (parts 251 & 253), D4i (optional) |

MECHANICAL CHARACTERISTICS

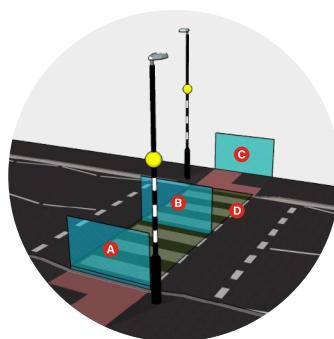
| | |
|---------------------------|---|
| Housing Material | Marine grade high pressure die cast LM6 aluminium components |
| Cover Material | Toughened ultra efficient safety glass cover (polycarbonate cover optional) |
| Lens Material | PMMA and polycarbonate options |
| Housing Finish | Chromate free pre-treatment, polyester powder coat light grey (RAL9006), dark grey (RAL7022), black (RAL9005) or bespoke colours on request |
| Ingress Protection Rating | IP66 |
| Weight | 9.4kg |
| Wind Area | 0.1505m ² |
| Impact Resistance Rating | IK08 (IK10 with polycarbonate cover) |
| Mounting Methods | Post top 60mm or 76mm/side entry 34mm, 42mm, 60mm or 76mm |
| Mounting Inclination | -10°, -5°, 0°, +5° and +10 |
| Photometric Centre | 449.3mm (to centre of PCB) |

SHIELD OPTIONS

| SHIELD OPTIONS | | POWERSET NFC REMOTE CONTROL | 03INT1907 |
|----------------|------------|-----------------------------|-----------|
| Front | 83KIT73648 | | |
| Rear | 83KIT73649 | | |
| Side | 83KIT73651 | | |

TR12 FOR ZEBRAS

- A** Front of Kerb (Vertical Grid)
2 times road average
- B** Centre of Crossing (Vertical Grid)
2 times road average
- C** Rear of Waiting Area (Vertical Grid)
1.5 times road average
- D** Crossing Carpet
(Horizontal Illuminance)
3.5 times average for road and 60% Uo



FOR MORE INFORMATION

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