IRI TRTLIGHTING

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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





The **PowerSet** module allows on site power adjustment providing maximum flexibility both in-situ and for stock holding. Each module accommodates the selection of any one of the range of UMSUG coded system powers for Aspect Gen2 Zebra 64 LED.

ASPECT GEN2 ZEBRA 64 LED



System Power60-132WLED CCT300K, 400K or 570KLED CRI>70Lumen Output01,830ImLumen MaintenanceProjected L90 after 100,000 hoursDriver Current700mADriver OutputConstant current output with AM dimmingDriver Output0.95/0.90Operational Voltage20-240VAC rmsOperating Frequency80/250µSInrush Current (Max)679mASurge Protection (COM/DIF)10kV/t0KAAdditional Surge Protection (on request)10kV/t0KALighting Controls OptionsNEMA7, Zhaga Book 18 (SSP) socket (top and/or bottom), Photocell, Lumi-Ling, PND and CMS commatible	ELECTRICAL CHARACTERISTICS	
LED CRI>70Lumen Output21,830lmLumen MaintenanceProjected L90 after 100,000 hoursDriver Current700mADriver OutputConstant current output with AM dimmingPower Factor (Full Load/Half Load)0.95/0.90Operational Voltage220-240VAC rmsOperating Frequency50/60HzInrush Current (Apk/50%-µS)80A/250µSRunning Current (Max)579mASurge Protection (COM/DIF)10kV/6kVAdditional Surge Protection (on request)10kV/10kANEMA 7, Zhaga Book 18 (SR) socket (top and/or bottom), Photocell, Lumi-LinQ,	System Power	60-132W
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Driver Current700mADriver OutputConstant current output with AM dimmingPower Factor (Full Load/Half Load)0.95/0.90Operational Voltage220-240VAC rmsOperating Frequency50/60HzInrush Current (Apk/50%-µS)80A/250µSRunning Current (Max)579mASurge Protection (COM/DIF)10kV/6kVAdditional Surge Protection (on request)10kV/10kALighting Controls OptionsNEMA 7, Zhaga Book 18 (SR) socket (top and/or bottom), Photocell, Lumi-LinQ,	Lumen Output	21,830lm
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Lighting Controls Options	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)	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)

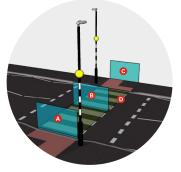
SHIELD OPTIONS

Front	83KIT73648
Rear	83KIT73649
Side	83KIT73651

TR12 FOR ZEBRAS

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

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. Aspect Gen2 Zebra 64 LED Datasheet issue Feb 2025.



POWERSET NFC REMOTE CONTROL



FOR MORE INFORMATION

03INT1907

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