

ASPECT GEN2 ZEBRA 48 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 is an innovative luminaire configuration solution that puts complete control in your hands. Using a simple remote control, end users can effortlessly program power levels, lumen output, Constant Light Output (CLO), and Part Night Dimming regimes, all without opening the luminaire.

Designed exclusively for TRT Lighting products, PowerSet NFC (and its manual counterpart, PowerSet) streamlines commissioning, reduces stock holding, and delivers ultimate flexibility in lighting performance.

ELECTRICAL CHARACTERISTICS

System Power	46-104W
LED CCT	3000K, 4000K or 5700K
LED CRI	>70
Lumen Output	Up to 16,697lm
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

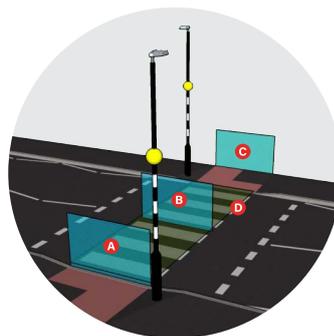
Front	83KIT73648
Rear	83KIT73649
Side	83KIT73651

POWERSET NFC REMOTE CONTROL

03INT1907

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% U_o



FOR MORE INFORMATION

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www.trtlighting.co.uk