TRTLIGHTING
ROAD & TUNNEL SYSTEMS

ASPECT
Floodlight 32 LED

IP66
Ingress Protection

IK08
Impact Resistance

13kg Weight
(+0.4kg emergency)

Electrical Class I

0.047m² Wind Area

-20 to 50°C Ambient

LED Light Source

MADE IN BRITAIN®

SPECIFICATION

- ✓ LED colour temp. PC-Amber, 2200K, 2700K, 3000K or 4000K
- ✓ Colour rendering index >70 (>55 for PC-Amber)
- ✓ Projected L90 after 100,000 hours
- ✓ Power factor 0.95 at full load
- ✓ High quality LM6 high pressure die cast aluminium components
- ✓ Stainless steel fixing screws with stainless steel inserts
- ✓ Cradle mount fixing suitable for wall and column installations
- ✓ Angular adjustments in 10° steps between 0° and 180°
- ✓ Dual cable entry for loop-in/loop-out mains
- ✓ In-built ventilation (breather) plug for pressure equalisation in the LED module and gear housing
- ✓ CLO available
- ✓ Optional surge protection 10kV/10kA
- ✓ Controls - NEMA 3, 7 and Zhaga book 18 (SR) socket (top & bottom)
- ✓ Lumi-LinQ option
- ✓ Dim level 10-100%
- ✓ Part Night Dimming (PND)
- ✓ Light grey, dark grey or black finish
- ✓ DALI compatible for use with CMS
- ✓ Toughened flat glass cover providing 0% ULOR
- ✓ Fully captive hinged lid with replaceable gear tray
- ✓ Integrated 3-hour emergency

PowerSet

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 Floodlight 32 LED.

ASPECT Floodlight 32 LED

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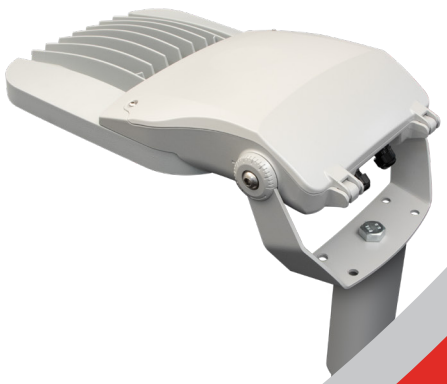
ELECTRICAL CHARACTERISTICS	
System Power	40-100W
LED CCT	PC-Amber*, 2200K, 2700K, 3000K or 4000K
LED CRI	>70 (*>55)
Lumen Output	Up to 14,069lm
Lumen Maintenance	Projected L90 after 100,000 hours
Drive Current	385-989mA
Driver Output	Constant current output with AM dimming
Power Factor (Full Load/Half Load)	0.95/0.90
Operational Voltage	220-240VAC rms
Operating Frequency	50/60Hz
Inrush Current (Apk/50%-S)	65A/160µS
Running Current (max)	0.419A
Surge Protection (COM/DIF)	10kV/6kV
Additional Surge Protection (on request)	10kV/10kA
Lighting Controls Options	NEMA 3, 7, Zhaga book 18 (SR) socket, PND and CMS compatible
Dimming Protocols	DALI
Luminaire Quantity on 16A MCB Type C	20

MECHANICAL CHARACTERISTICS	
Housing Material	High pressure die cast LM6 aluminium
Cover Material	Toughened flat safety glass
Lens Material	PMMA
Housing Finish	Chromate free pre-treatment, polyester powder coat, light grey (RAL9006), dark grey (RAL7022) black (RAL9005), other RAL colours on request
Ingress Protection Rating	IP66
Weight	13kg (add 0.4kg for emergency version)
Wind Area	0.047m²
Impact Resistance Rating	IK08
Mounting Methods	Post top (using adaptors) 76mm, 89mm or 101mm or wall mount
Mounting Inclination	10° increments between 0° and 180°
Photometric Centre	Post top 424mm / wall mount 386mm

ACCESSORIES	
Rear Shield	81BAF70458
Front Shield	81BAF70459
Side Shield	81BAF70510
76mm Post Top Adaptor	83KIT72743
89mm Post Top Adaptor	83KIT72744
101mm Post Top Adaptor	83KIT72745
76mm Twin Arm Post Top Adaptor	83KIT72746
89mm Twin Arm Post Top Adaptor	83KIT72747
101mm Twin Arm Post Top Adaptor	83KIT72748



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 Floodlight 32 LED Datasheet issue May 2023.

FOR MORE INFORMATION

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