



## Forbury

### Forbury Bollard, c/w Integrated LEDs, 4000K

The Forbury offers an affordable product with high lumen efficiency and a long life. The bollards are made from die-cast aluminium with a polycarbonate diffuser. They are available in black or grey with a choice of two heights.

**FOR11M-BLK** (06547)

## Specification

Voltage	110-240Vac 50/60Hz
Current (mA)	51
Rated Power (W)	11
CCT Words	Cool White
CCT (K)	4000
Total Luminous Flux (lm)	340
Beam Angle(°)	90°
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	54000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.93
Ambient Temperature Range (°C)	-20 to 50
Weight (kg)	3
In-rush current (peak/duration) (A)	47.4A/400us
Protection Rating	Class I
IK Rating	IK10
IP Rating	IP65
Displacement Factor	N/A
High Luminance Light Source (Y/N)	N
On-Site Warranty	None
Useful Luminous Flux (lm)	880

## Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	DLS
Light Source Cap Type (or other interface)	Connector

Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	9
Energy Efficiency Class	F
Useful Luminous Flux (lm)	880
Beam Angle correspondence (in 360°/120°/90°)	120
CCT	4000
On-Mode Power (Pon) (W)	9
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	3
Width (mm)	35
Depth (mm)	35
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.386
Chromaticity Co-Ordinates (Y)	0.382
Peak Luminous Intensity (DLS) (cd)	380
Beam Angle (DLS)	110
Beam Angle (min)(DLS)	105
Beam Angle (max) (DLS)	115
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96

Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Storboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	36Vdc 250mA

## Technical Drawings

