

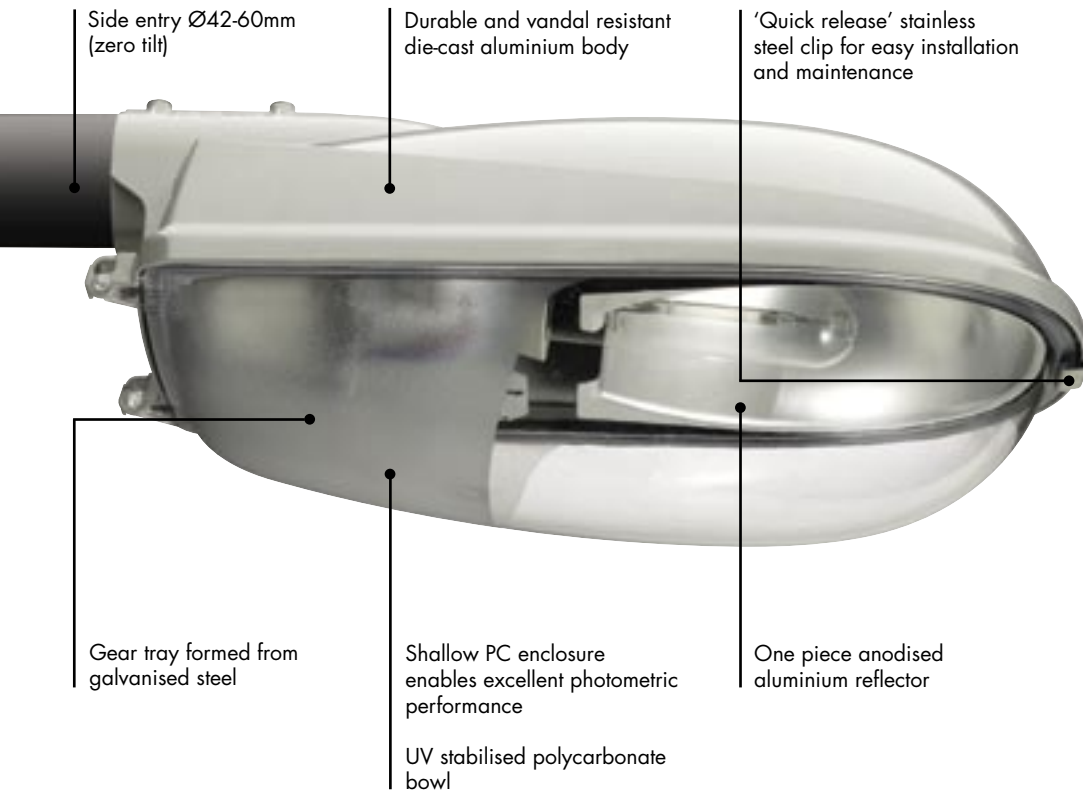
THORN

Jet

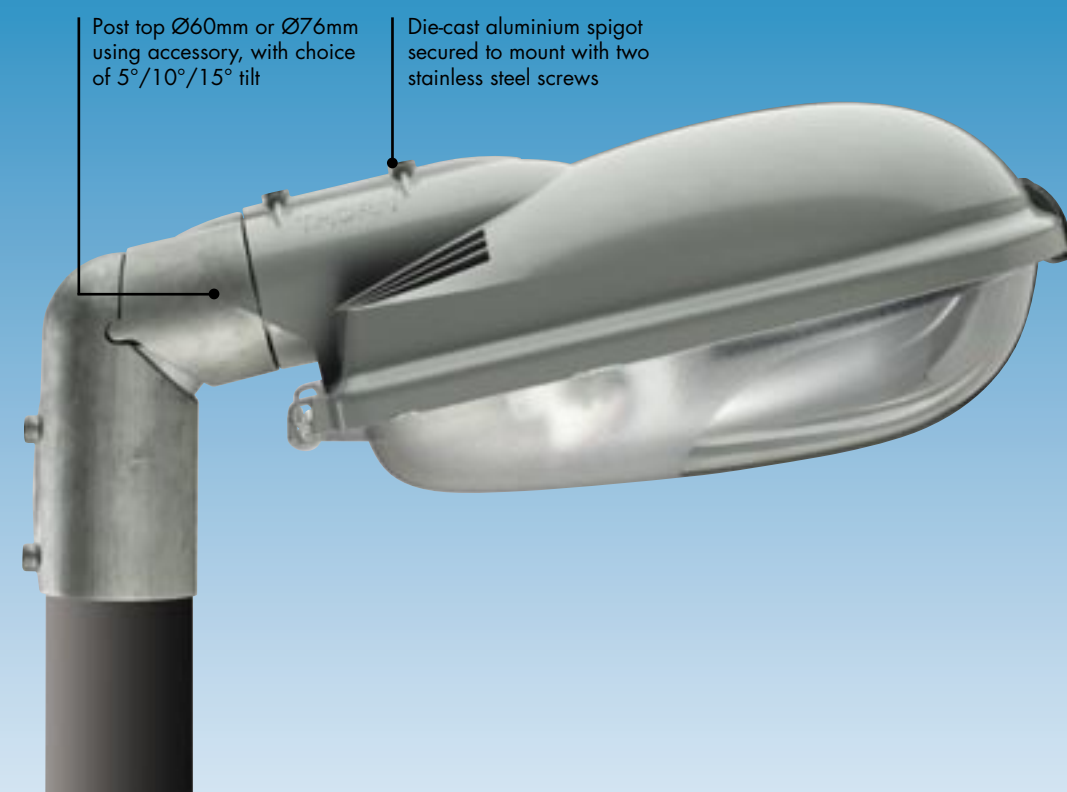
Compact aluminium
IP65 street lanterns



Unrivalled product technology and in-house design innovation allow Jet to exploit the benefits of aluminium construction, high optical performance and product durability - redefining 'best value'



- Gear and optics are all contained in the IP65 housing
- Wide range of lamp options suitable for many applications including car parks, minor and major roads, residential areas and public spaces
- Easy adjustable lamp settings allow perfect light distribution control
- 'Soft' cut-off, suitable for residential areas. Enclosure is in UV stabilised polycarbonate
- Nema socket also available
- Delivered ready to install, complete with factory-fitted integral gear tray, and all supplied in a single carton
- Fully recyclable materials



Tiltable spigot



Jet 2

Jet 1 & 2

Materials/Finish

Body: die cast LM24 aluminium, powder coated finish (RAL 9006)
 Enclosure: UV stabilized polycarbonate
 Gaskets: neoprene, black finish
 Gear tray/lampholder: galvanised steel
 Reflector: high purity punched aluminium
 Screw fixings: stainless steel
 Clip: stainless steel

Installation/Mounting

Suitable for side entry Ø42-60mm. Cable gland for 8mm to 13mm diameter cable.
 Mounting accessory post top Ø60mm or Ø76mm with 5°/10°/15° step tilting angle.
 Spigot depth side entry 100mm, post top 100mm.
 Access to lamp from below via hinged enclosure released by single stainless steel toggle clip.
 Replacement of lamp possible in seconds without tools. Access to integral gear tray via enclosure.
 Gear tray secured to body by two screws. Delivered ready to install, complete with factory-fitted integral gear tray, all supplied in a single carton (without lamp).

Standards

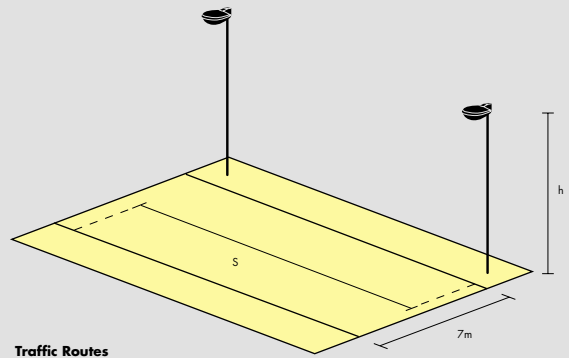
Designed and manufactured to comply with EN 60598-2-3

⊕ Class I Electrical
 ⊞ Class II Electrical
 Ta -20°C/+ 35°C
 IK08 impact resistance
 Optical and gear compartment:
 ⚡⚡⚡ IP65



Specification

To specify state:
 Aluminium IP65 compact street lantern for 50 - 150W, HST high pressure sodium tubular/ 70 - 150W, HIT-CE ceramic metal halide/80 - 125W, HME high pressure mercury/42 - 70W, TC-TEL compact fluorescent lamps. For side entry mounting Ø42-60mm, with zero tilt, or post top Ø60mm or Ø76mm (mounting accessory) with 5°/10°/15° optional tilt angle.
 As Thorn Jet.

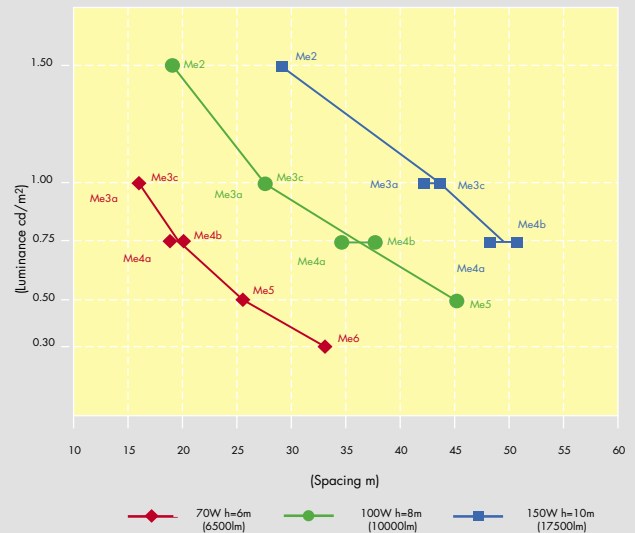


Traffic Routes

New EN 13201 requirements

	L ave (cd/m ²)	U0 Min.	U1 Min.	Tl Max (%)	SR
Me2	1.5	0.4	0.7	10	0.5
Me3a	1	0.4	0.7	15	0.5
Me3b	1	0.4	0.6	15	0.5
Me3c	1	0.4	0.5	15	0.5
Me4a	0.75	0.4	0.6	15	0.5
Me4b	0.75	0.4	0.5	15	0.5
Me5	0.5	0.35	0.4	15	0.5
Me6	0.3	0.35	0.4	15	N/A

Layout: Single sided
Overhang: 0m
Tilting: 5°
R Table: R3
Maintenance factor: 0.80



1.



2.



3.



4.

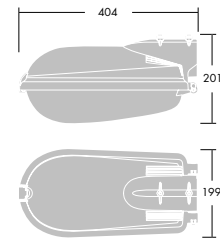
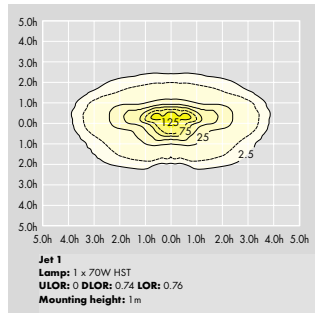
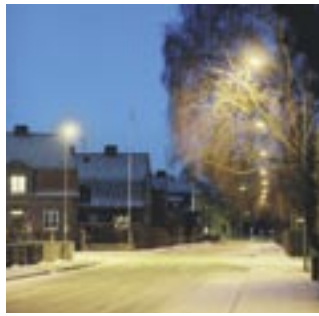


5.



6.

1. Timeless style and compact technical design
2. Full IP65, optic and gear are highly dust and water resistant
3. Fully removable gear tray for HID or TC-TEL lamps
- 4 & 5. Easy access to lamp and gear for quick installation and maintenance
6. Photocell version



Windage: 0.052m²

Jet 1

Lamps

50, 70W, HST (ST) high pressure sodium tubular. Cap: E27

70W, HIT-CE (MT) ceramic metal halide. Cap: E27

80W, HME (QE) high pressure mercury. Cap: E27

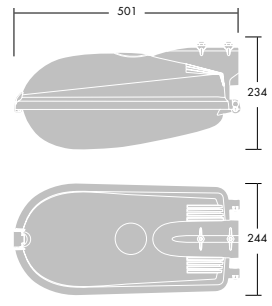
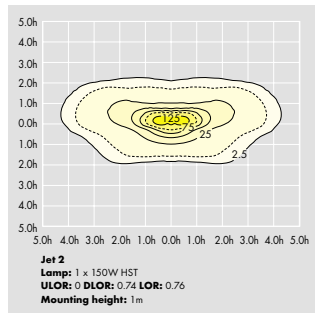
42W, TC-TEL (FSMH) compact fluorescent. Cap: GX24q-4

57W, TC-TEL (FSMH) compact fluorescent. Cap: GX24q-5

Ordering Guide Lamps to be ordered separately

Description	Ilcos Code	Socket	Weight (kg)	SAP Code CL2	CL1	CL1 Nema Socket
230V wire wound ballasts						
JET1 50W HST	ST	E27	3.9	96219212	96219208	
JET1 70W HST/HIT-CE	ST	E27	4.1	96219213	96219209	
JET1 80W HME	QE	E27	3.7	96219214	96219210	
240V wire wound ballasts						
JET1 50W HST	ST	E27	4.0		96219216	96219220
JET1 70W HST/HIT-CE	ST	E27	4.2		96219217	96219221
JET1 80W HME	QE	E27	3.7		96219218	96219222
230/240V with electronic ballasts						
JET1 42W TC-TEL	FSMH	GX24q-4	3.0	96219228	96219224	96219226
JET1 57W TC-TEL	FSMH	GX24q-5	2.9	96219229	96219225	96219227
Attachments						
Ø60MM POST TOP SPIGOT			0.9	96219232		
Ø76MM POST TOP SPIGOT			0.9	96219665		

CL1 - Class I Electrical, CL2 - Class II Electrical



Windage: 0.065m²

Jet 2

Lamps

100 -150W, HST (ST) high pressure sodium tubular. Cap: E40

100 - 150W, HIT-CE (MT) ceramic metal halide. Cap: E40

125W, HME (QE) high pressure mercury. Cap: E27

70W, TC-TEL (FSMH) compact fluorescent. Cap: GX24q-6

Ordering Guide Lamps to be ordered separately

Description	Ilcos Code	Socket	Weight (kg)	SAP Code CL2	CL1	CL1 Nema Socket
230V wire wound ballasts						
JET2 100W HST/HIT-CE	ST/MT	E40	5.5	96220109	96220104	
JET2 150W HST/HIT-CE	ST/MT	E40	6.1	96220111	96220105	
JET2 125W HME	QE	E27	5.1	96220112	96220107	
240V wire wound ballasts						
JET2 100W HST/HIT-CE	ST/MT	E40	5.6		96220113	96220117
JET2 150W HST/HIT-CE	ST/MT	E40	6.3		96220114	96220118
JET2 125W HME	QE	E27	5.2		96220115	96220119
230/240V with electronic ballasts						
JET2 70W TC-TEL	FSMH	GX24q-6	4.1	96220127	96220125	96220126
Attachments						
Ø60MM POST TOP SPIGOT			0.9	96219232		
Ø76MM POST TOP SPIGOT			0.9	96219665		

*For flat glass version please contact your local Thorn Lighting office

CL1 - Class I Electrical, CL2 - Class II Electrical



THORN

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