

THORN



Gamma
Basique

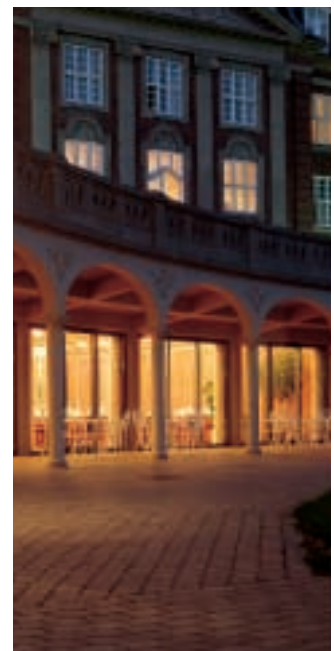


The Gamma Basique range of post top amenity lanterns is the first of a new 'Gamma' collection designed specifically to meet the varied needs and design requirements of amenity and city lighting.

Improved lamp choice, aesthetics and application versatility replace the popular tried and trusted Gamma 6 with a collection that consists of four ranges: - Gamma Basique, Gamma Deco, Gamma Classic and Gamma Modern.

Lantern styles and options have been designed to complement diverse lighting environments, whilst careful attention has been given to safety, security, energy saving, and the avoidance of light pollution.

The main applications for Gamma Basique are precincts, car parks, pedestrian areas, approach roads, residential areas, city developments and urban regeneration projects.



Gamma Basique

Choice is key with this versatile new range. New 'white light' lamp options, two canopy styles and opal or clear reeded bowls make this the 'best value' post top amenity lantern range available.

The problems of vandalism have been equally well addressed with the addition of a special 'vandal proof' version guaranteed to operate after attack and irrespective of any aesthetic damage caused.

- Choice of lamps including 'white light' options to suit differing applications
- Small or large canopy to suit given environment
- Clear or opal reeded bowl for improved aesthetics
- Vandal proof version for high risk areas - delivered fully assembled
- Refractor versions for asymmetric light distribution - controls/directs light and reduces light spill
- NEMA socket or miniature electronic photocell versions for automatic on/off switching
- Quick and easy installation with hinged gear tray
- Choice of RAL colours on request to meet specific design criteria
- Environmentally friendly - material fully recyclable



Lamps

- 70W, 100W HPS-E/T
- High pressure sodium, cap: E27
- 70W CDM-TT Metal Halide, cap: E27
- 80W, 125W MBF High pressure mercury, cap: E27
- 35W SOX Low pressure sodium, cap: By22d
- 42W TC-TEL Compact fluorescent, cap: GX24q-4

Materials/Finish

Bowl/Diffuser:
Injection moulded IK08 acrylic (vandal proof version - Polycarbonate)
Opal reeded or clear reeded finish (vandal proof version - clear reeded only)
Base: Die cast aluminium, dark grey powder coat textured finish
Canopy: Spun aluminium, dark grey powder coat finish with white underside

Installation/Mounting

Post top mounting - 76mm diameter x 76mm long spigot. (Dedicated accessory available to allow 60mm diameter x 100 long spigot mounting).
Recommended mounting height: 4 to 5 metres. Fixes to shaft with 3 x M8 stainless steel screws (supplied). Vandal proof version supplied fully assembled, complete with clear reeded bowl and small canopy.

Standards

Designed and manufactured to comply with EN 60598
ENEC certification in progress
Class 1 electrical
IP65 CE
IK08 (5 joules) shock resistant

Specification

To specify Sate:
Amenity post top lantern made with die cast aluminium base in grey powder coat, IK08 acrylic opal/clear reeded bowl/diffuser and canopy in spun aluminium with dark grey powder coat.
As Thorn Gamma Basique

For ordering guides and data see page 6

Vandal Proof Version



In the fight against luminaire vandalism, Thorn have developed the 'vandal proof' label.

Lanterns are subjected to a series of rigorous tests that have been developed in partnership with an external security laboratory. Only those products that continue to operate after the tests and despite aesthetic damage, are awarded the 'vandal proof' label. Tests include:

- Air rifle bullet (0.177mm) and 15g steel ball catapult shot at 5 meters - equivalent to a shock resistance of 40 joules
- Repeated hammer strikes to the lit part of the lantern
- Vibration test on 5 metre column to simulate repeated shaking
- Attempts to destroy lantern with pocket knife and lighter

Product detail

- Available in clear reeded polycarbonate bowl/diffuser with small canopy
- Delivered fully assembled to ensure strength and resistance to ingress
- For 76mm post top mounting



Ordering Guides

Dimensions

Attachments

Data

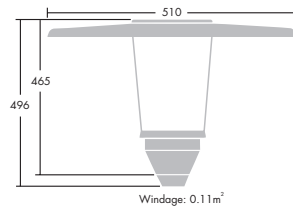


For complete fitting please specify:

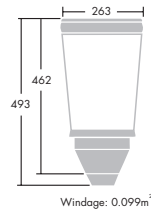
1. Base assembly with gear
2. Bowl/diffuser
3. Canopy



Opal reeded bowl + large canopy



Opal reeded bowl + small canopy

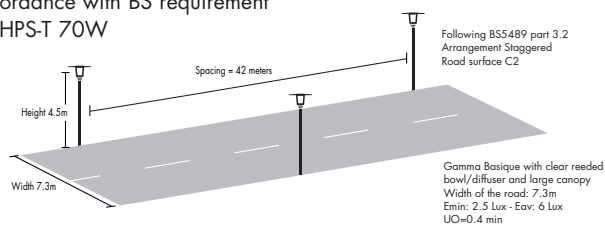


35W SOX



Data

Typical amenity installation, in accordance with BS requirement for HPS-T 70W



Base assemblies with gear

Lamp to be ordered separately.

Lamp Type & Rating	Wgt (kg)	Product Code	UK Cat. No.
HPS-E/T or CDM-TT 70W	3.4	5024478	QGB70HPS/CDM-TT.4
HPS-E/T 100W	3.6	7024991	QGB100HPS.4
HPS-T or CDM-TT with refractor 70W	4.1	5025705	QGB70HPS/CDM-TT.4REF
HPS-T with refractor 100W	4.3	7025706	QGB100HPS.4REF
MBF 80/125W	3.6	5024990	QGB80/125MBF.4
SOX 35W	3.6	1024993	QGB35SOX.4
TC-TEL 42W	2.4	9025707	QGB42CFL.4

Attachments

Description	Wgt (kg)	Product Code	UK Cat. No.
Bowls/Diffuser			
Clear reeded acrylic bowl	1.0	0025711	QGBCBAC
Opal reeded acrylic bowl	1.0	2025712	QGBOBAC
Canopies			
Large canopy:	1.3	7025005	QGBCANOPYL
with Nema socket	1.3	9025006	QGBCANOPYLP
with Miniature photocell	1.3	0025010	QGBCANOPYLPM
Small canopy:	1.0	7024479	QGBCANOPYS
with Nema socket	1.0	2024480	QGBCANOPYSP
with Miniature photocell	1.0	4024481	QGBCANOPYSPM
for SOX35	0.6	1025007	QGBCANOPYSSOX35
for SOX35 with Nema socket	0.6	3025008	QGBCANOPYSPSOX35
for SOX35 with Miniature photocell	0.6	2025011	QGBCANOPYSPMSOX35
Adaptor			
For 60mm diameter mounting	0.4	2024485	QGPT60

Vandal Proof Version

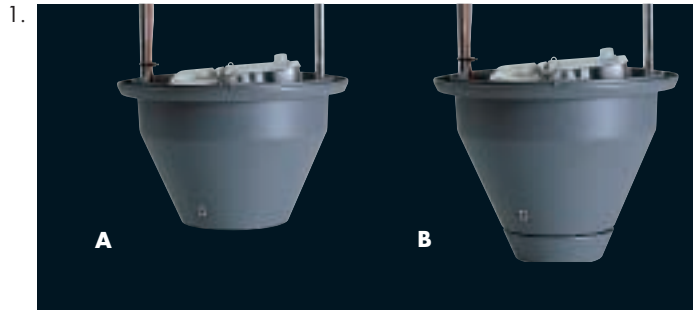
This product is delivered fully assembled, complete with clear reeded polycarbonate bowl/diffuser and small canopy. Lamp to be ordered separately.



Description	Wgt (kg)	Product Code	UK Cat. No.
HPS-E/T or CDM-TT + photocell 70W	5.2	8025715	QGV70HPS/CDM-TT.4P
HPS-E/T or CDM-TT 70W	5.2	6025714	QGV70HPS.4
HPS-E/T + photocell 100W	5.4	5028093	QGV100HPS.4P
HPS-E/T 100W	5.4	3028092	QGV100HPS.4
Spare for Vandal Proof version			
Clear reeded Polycarbonate bowl	1.0	2026566	QGBVPPC

Technical Installation Maintenance

1. **A** 76mm base
B Base with dedicated adaptor for 60mm base mounting
Fixes to shaft with 3 x M8 stainless steel screws



2. Quick and easy connection is obtained by raising the hinged gear tray



3. The terminal block is then exposed for wiring to be completed



4. When connection is complete the gear tray is lowered and secured by retaining catch



5. Top of small canopy showing the Nema photocell socket version

6. Access to photocell and lamp for installation and maintenance

7. Canopy lifts off to reveal photocell and lamp connector detail

THORN

Lighting people and places

Thorn Lighting Limited

UK Sales desk -

Orders/Stock Enquiries

Tel: 08701 610 610
Fax: 08701 610 611

Regional Offices

& Lighting Design Centres

Tel: 08701 610 710
Fax: 08701 610 711

South East - North of London (north)

South East - South of London (south)

Major Projects - Southern (centls)

3 King George Close, Eastern Avenue West,
Romford, Essex RM7 7PP

Midlands (mids)

11 Galena Close, Tamworth,
Staffordshire B77 4AS

South West (southw)

Major Projects - Western (bbcs)

16 Columbus Walk, Atlantic Wharf,
Cardiff, Wales CF10 4TL

Major Projects - Northern (yorks)

Unit 5, Clarke Hall Farm, Aberford Road,
Wakefield, West Yorkshire WF1 4AL

North East (northe)

Trading Estate, Spennymoor,
Co. Durham DL16 7UR

North West (northw)

The Towers, Wilmslow Road, Didsbury,
Manchester M20 2SE

Scotland (scot)

Hamilton Business Centre, Caird Park,
Hamilton, Lanarkshire ML3 0QB

Northern Ireland (northi)

Prince Regent Road, Castlereagh,
Belfast BT5 6QR

e-mail

Each Region has 5 e-mail addresses that are
in a standard format as follows:

(Using 'South West' as an example with its
short code 'southw')

quotes.southw@thornlight.com
orders.southw@thornlight.com
stock.southw@thornlight.com
queries.southw@thornlight.com
enquiries.southw@thornlight.com

Outdoor Lighting

The Towers, Wilmslow Road, Didsbury,
Manchester M20 2SE
Tel: 0161 445 2719
Fax: 0161 448 8015
e-mail: outdoor@thornlight.com

Airfield Lighting

3 King George Close, Eastern Avenue West,
Romford, Essex RM7 7PP
Tel: 01708 776289
Fax: 01708 742322
e-mail: airfield@thornlight.com
www.thornairfield.com

International sales

3 King George Close, Eastern Avenue West,
Romford, Essex RM7 7PP
Tel: 01708 776284
Fax: 01708 741827
e-mail: international.sales@thornlight.com

Spare Parts

Tel: 0191 301 3131
Fax: 0191 301 3038
e-mail: spares@thornlight.com

Technical Support

Tel: 0870 600 8111
Fax: 0191 301 3907
e-mail: technical@thornlight.com

Brochureline Answering Service

Brochures on specific products/ranges
Tel: 01708 776333
Fax: 01708 776381
e-mail: brochures@thornlight.com

Other Offices in:

Australia, Austria, China, Czech Republic,
Denmark, Estonia, Finland, France, Germany,
Hong Kong, Hungary, India, Ireland, Italy,
Latvia, Lithuania, New Zealand, Norway,
Poland, Russia, Singapore and Sweden

www.thornlighting.co.uk



Member of The Lighting
Industry Federation



UK Sales and
Distribution



FM 12233
UK Manufacturing

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.

Publication No: 213(UK) Printed in England - 4/02