

THORN

Qba

Compact projector for discreet facade illuminations



Qba

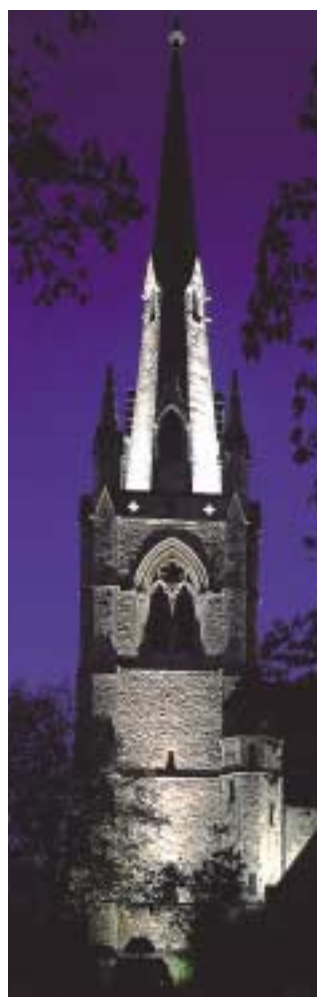
A compact discharge projector for the feature lighting of building facades, architectural details, monuments and statues



Qba is a simple yet modern floodlight, available in two sizes and featuring precision reflector systems which can provide intensive or extensive, asymmetrical, or double-asymmetrical beam patterns. The luminaire itself is designed to blend discreetly into modern or traditional building surroundings and is mounted using a cleverly concealed stirrup.

Qba is available as standard in grey powder coated finish or to order in brick red or pale sand finishes where a visual blend with the building is important. All other RAL colours are also available on request.

In addition to the lighting effect choices offered by the reflector systems, accessories such as colour filters, louvre, visor and barndoors further extend the possibilities for lighting design.



Definition

Performance

Reflector Beam shape

Symmetric (Intensive)



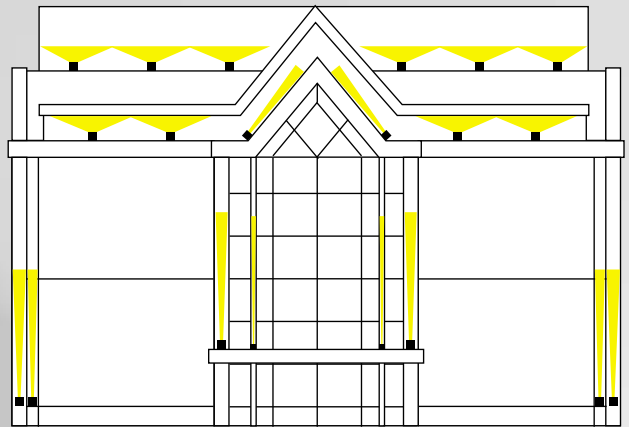
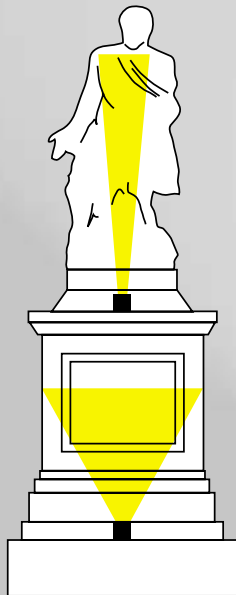
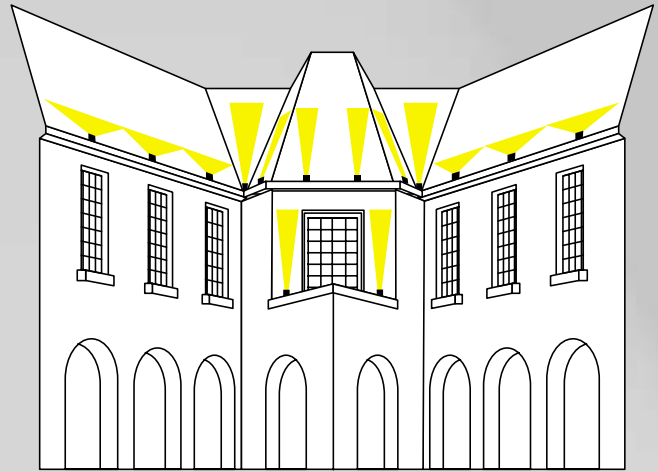
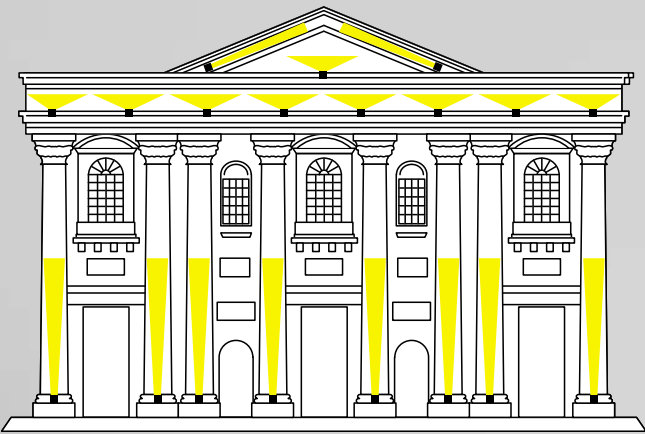
Symmetric (Extensive)



Asymmetric



Double-Asymmetric





Lamp Types and Wattages

- ☛ 35/70W/150W HIT metal halide (MT), cap: G12 or HIT-CE (MT//C), cap: G12
- ☛ 70W/150W HIT-DE double ended metal halide (MD) or HIT-DE-CE (MD//C), cap: Rx7s
- ☛ 70W/150W HST-DE high pressure sodium (SD), cap: Rx7s

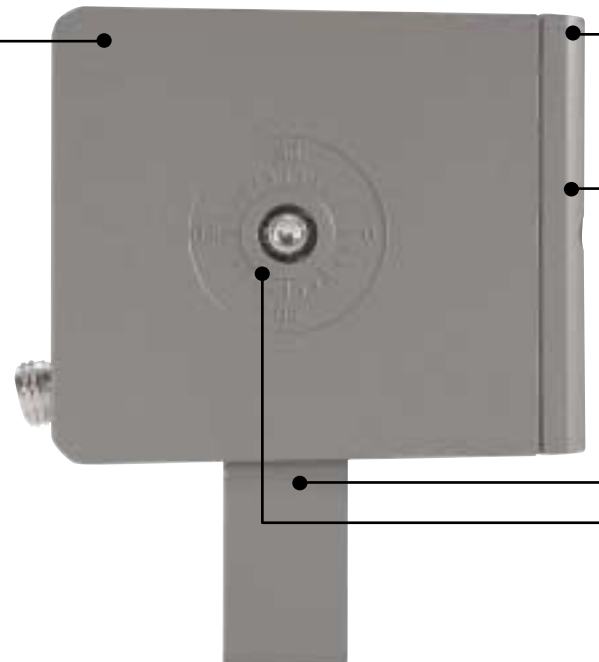
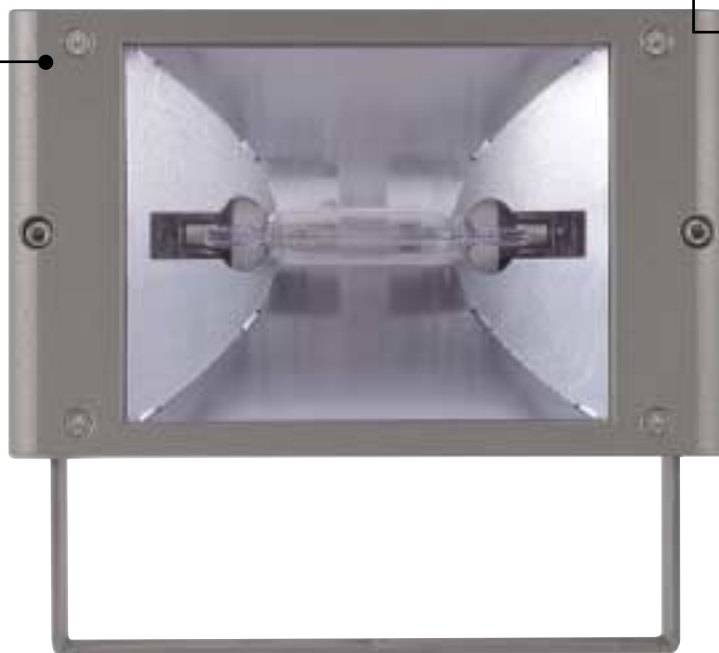
Materials/Finish

Body: Die-cast aluminium, grey powder coated finish (close to RAL9007). Brick red and pale sand colour versions on request.
 Body screws: stainless steel
 Front lens: 4mm toughened glass
 Attachment retaining screws: Nickel plated brass
 Accessory frames: die cast aluminium

- Robust, die-cast aluminium body
- Two body sizes:
Size 1: 35 & 70W Size 2: 150W
- Choice of radial reflectors with intensive or extensive symmetrical beam, or cylindrical parabolic reflector with asymmetrical or double-asymmetrical distribution
- Choice of metal halide or high pressure sodium lamps, 35W to 150W



- Rectangular compact projector provides anonymity in building facade applications
- Rounded edges and concealed stirrup for contemporary and functional styling
- Alternative colours available to order for use on buildings where a visual blend is important



Installation/Mounting

Floodlight is adjustable on a short stirrup. Aiming simplified by indicator on stirrup, locked via central 8mmØ Allen screw. Easy access to lamp via 2 Allen screws. Lamp replacement possible without removing attachments. Control gear compartment, with rear access panel, entry via two Allen screws. Cable gland for 7.5-13mm² cable. Additional knock out provided for through wiring.

Standards

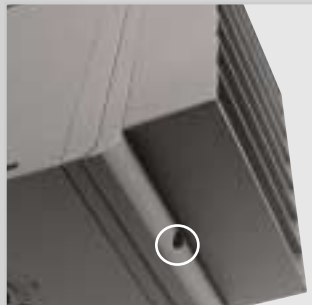
Designed and manufactured to comply with EN 60598.
 ⚡⚡⚡ IP65 CE
 IK08 (6 joules)
 850° hot wire. Ta (max) 25°C
 Electrical Class 1

Specification

To specify state:
 Rectangular compact projector in die-cast aluminium with concealed stirrup and asymmetrical/double-asymmetrical/radially intensive/radially extensive optical system for HIT, HIT-DE or HPS-DE lamps. As Thorn Qba



- Easy access to lamp without removing accessories
- Accessory frame integrates into the body's round edges for design continuity
- Through wiring facility

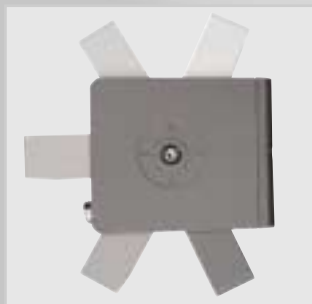


- Wide selection of accessories which can be "stacked" on to the floodlight body to provide a variety of lighting effects including:

- Visor
- Wire guard
- Barndoor
- Louvre
- Colour filters



- Concealed stirrup
- Aiming simplified by indicator on stirrup



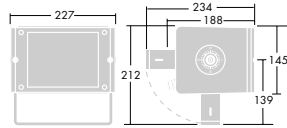
Ordering guide

Dimensions

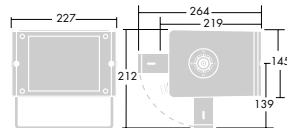
Accessories



Size 1



Size 2



Ordering Guide Lamps to be ordered separately

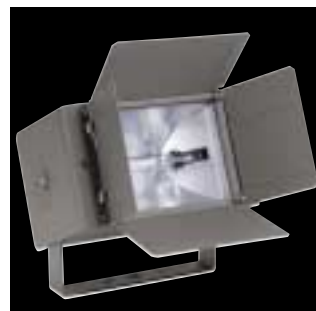
Description	Lamp type and Wattage	Weight (kg)	Cat. No.
Symmetrical Distribution			
Size 1			
Extensive	35W HIT, G12 cap	4.7	QBA1REXTHIT35.4
Intensive	35W HIT, G12 cap	4.7	QBA1RINTHIT35.4
Extensive	70W HIT, G12 cap	4.9	QBA1REXTHIT70.4
Intensive	70W HIT, G12 cap	4.9	QBA1RINTHIT70.4
Size 2			
Extensive	150W HIT, G12 cap	6.3	QBA2REXTHIT150.4
Intensive	150W HIT, G12 cap	6.3	QBA2RINTHIT150.4
Asymmetrical Distribution			
Size 1			
	70W HPS-DE, RX7s cap	4.9	QBA1CAHPSDE70.4
	70W HIT-DE, RX7s cap	4.9	QBA1CAHITDE70.4
Size 2			
	150W HPS-DE, or HIT-DE, RX7s cap	6.3	QBA2CADE150.4
Double-Asymmetrical Distribution			
Size 1			
	70W HPS-DE, RX7s cap	4.9	QBA1CDAHPSDE70.4
	70W HIT-DE, RX7s cap	4.9	QBA1CDAHITDE70.4
Size 2			
	150W HPS-DE, or HIT-DE, RX7s cap	6.3	QBA2CDADE150.4
Accessories			
	Qba visor attachment	0.5	QBAVIS
	Qba wire guard attachment	0.5	QBAWG
	Qba barn door attachment (set of 4)	0.6	QBABD
	Qba louvre attachment	0.7	QBALV
	Qba colour filter attachment, blue	0.4	QBAFILB
	Qba colour filter attachment, red	0.4	QBAFILR
	Qba colour filter attachment, green	0.4	QBAFILG
	Qba colour filter attachment, yellow	0.4	QBAFILY
	Qba short stirrup accessory for close wall mounting	0.5	QBAWB



Visor



Wire guard



Barndoors



Louvre



Colour filter, blue



Colour filter, green



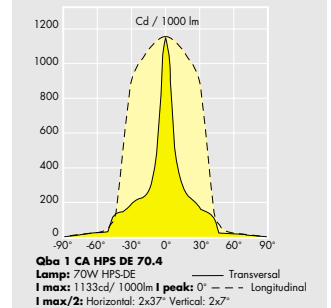
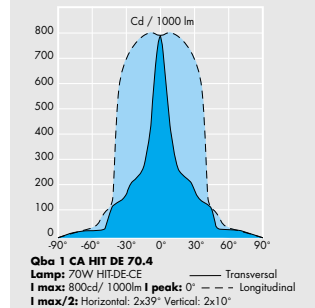
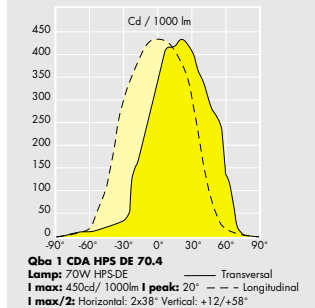
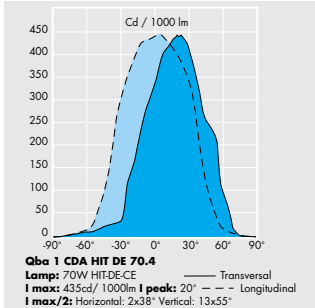
Colour filter, yellow



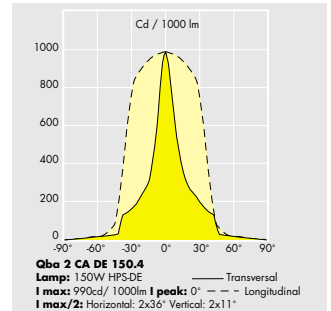
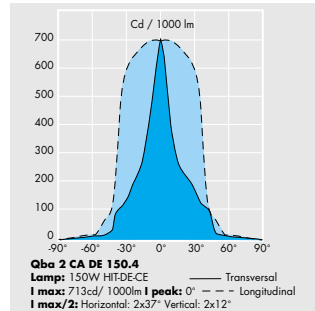
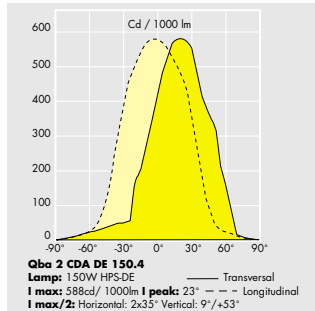
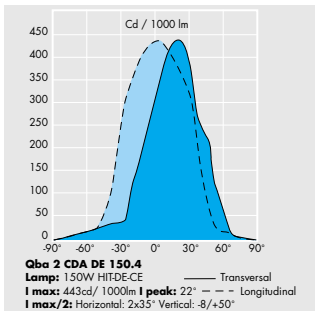
Colour filter, red

Photometric data

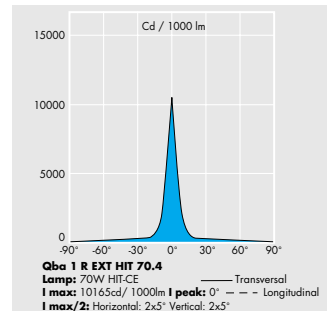
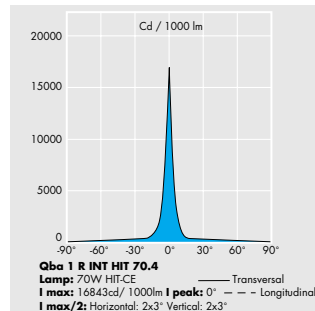
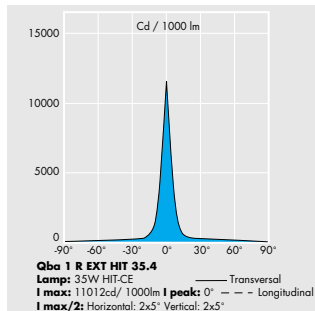
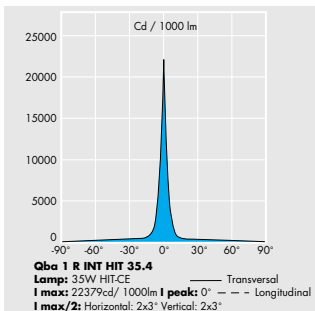
Cabling detail



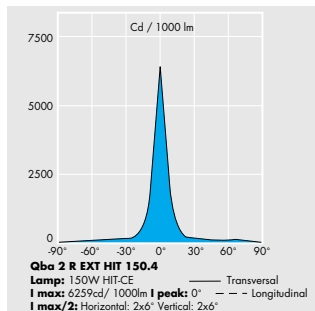
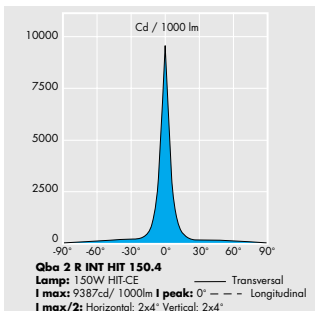
Qba C - Size 1



Qba C - Size 2



Qba R - Size 1



Qba R - Size 2



1. Extra knock out provided for through wiring
2. Rear access to control gear

THORN

Lighting people and places

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www.thornlighting.co.uk



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Industry Federation



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Reg: 2916/0
Manufacturing & Distribution

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