

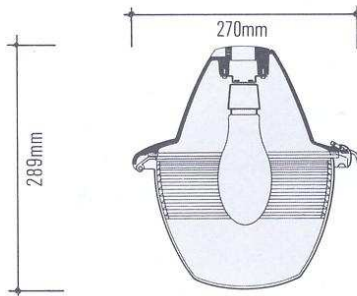
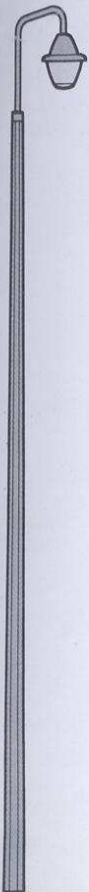


The Beta 4 luminaire is for minor road or area lighting with a 70W high pressure sodium or 80W mercury lamp, and can be mounted on THORN 5m aluminium columns.

The top entry canopy is die cast aluminium, with a hinged two part cover bowl comprising an outer

enclosure and an inner slip fitted refractor ring, both in clear anti vandal polycarbonate. Bowl closure is by a stainless steel toggle catch.

The Beta 4 provides a symmetrical light distribution. Control gear is mounted remote from the luminaire.

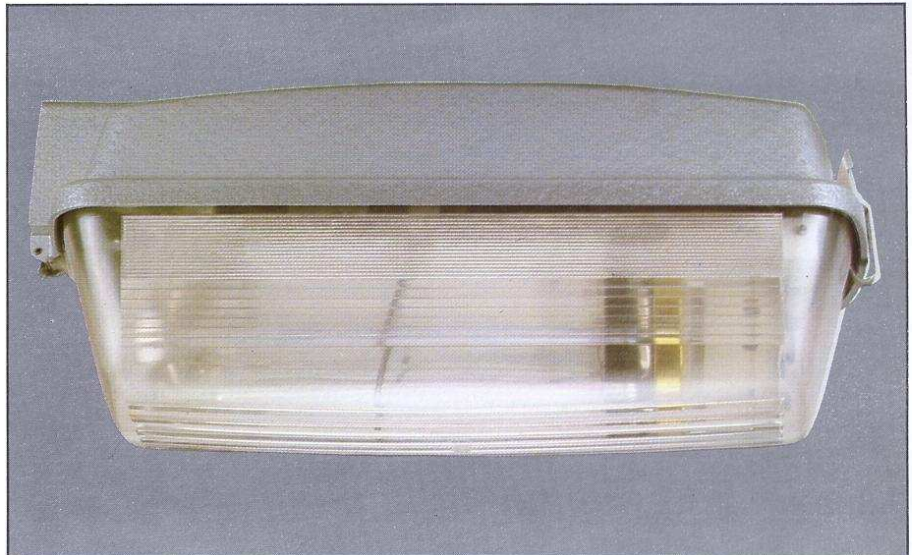


Maximum weight: 1.70 kg
Windage area: 0.047m²
Recommended mounting height: 5m
Mounting: Top entry for 3/4" BSP thread x 18mm

Range

Lamp	W	Lantern catalogue no.
SON	70	QB4V/1200E27
MBF	80	QB4V/1200E27





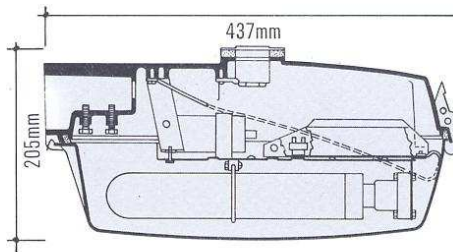
The Beta 5 is designed for use with a 35W SOX lamp and employs a pulse ignitor circuit for use on 240V 50Hz supply. For alternative voltages leaky field transformer gear is used.

The Beta 5 may also be used with an 18W SOX lamp producing a low level of accommodation light.

The Beta 5 can be supplied in multiple variations: with or less gear, alternative mountings, and facility

for NEMA photocell switch control, all suitable for use on Thorn 5m aluminium columns.

The canopy is pressure die cast aluminium with a hinged overlamp reflector/gear tray. The cover bowl is in injection moulded vandal-resistant material with integral moulded interior refractor prisms.



Luminaire	With gear	Less gear
Maximum width: mm	160	160
Maximum weight: kg	7.64	3.11
Windage area: m ²	0.070	0.070
Recommended mounting height: m	5	5
Mounting:	Side entry for 34mm ø (1" BSP) x 85mm or 27mm ø (3/4" BSP) x 85mm Top entry for 1" BSP threaded x 18mm or 3/4" BSP threaded x 18mm	



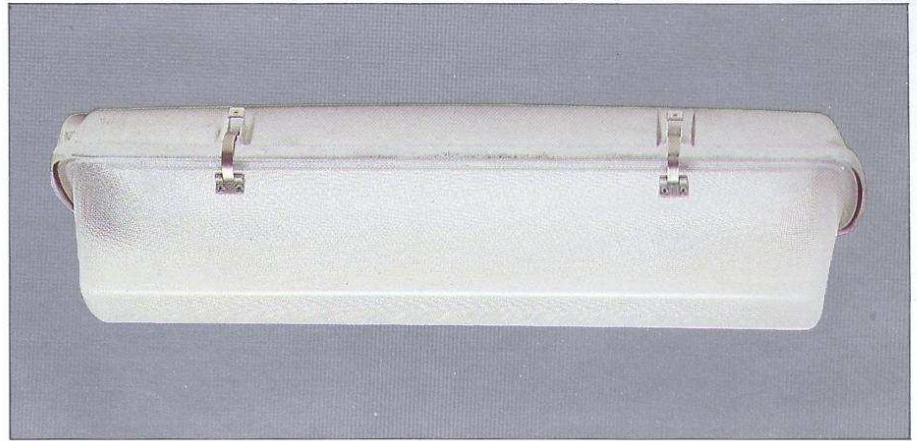
Range

Lamp	W	V	Hz	Lantern catalogue no.	Type	
SOX	35	240	50	QB5V/3/4"B1035.4A	S/E 3/4" BSP	With gear
		200/250	50	QB5V/3/4"B1035.T		
SOX	35	240	50	QB5V/1"B1035.4A	S/E 1" BSP	With gear
		200/250	50	QB5V/1"B1035.T		
SOX	35	240	50	QB5V/3/4"TB1035.4A	T/E 3/4" BSP	With gear
		200/250	50	QB5V/3/4"TB1035.T		
SOX	35	240	50	QB5V/1"TB1035.4A	T/E 1" BSP	With gear
		200/250	50	QB5V/1"TB1035.T		
SOX	35	—	—	QB5V/3/4"1035	S/E 3/4" BSP	Less gear
		—	—	QB5V/1"1035	S/E 1" BSP	
		—	—	QB5V/3/4"1035	T/E 3/4" BSP	
		—	—	QB5V/1"1035	T/E 1" BSP	

For lanterns with NEMA photocell socket insert P before 1035 (less gear lanterns) or B1035 (with gear lanterns) in catalogue number.

For lanterns with 18W SOX lamp (240V 50Hz only) replace B1035.4A in catalogue number by B1018.4



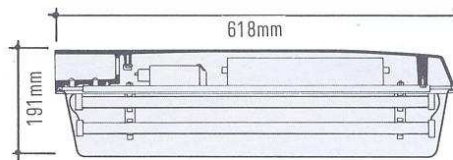


The Beta 6 for minor road lighting utilises two 40W 600mm long fluorescent tubes, and is complete with instant start integral control gear, all suitable for mounting on THORN 5m aluminium column reference QCO.

The canopy is die cast aluminium with an overlamp reflector/gear tray. The cover bowl is prismatic patterned acrylic, providing a broad beam light

distribution. Alternatively a clear anti vandal bowl may be used. Stainless steel toggle catches secure the bowl to the canopy.

A NEMA socket for photocell switch control can be supplied fitted and wired into the luminaire as an optional extra.

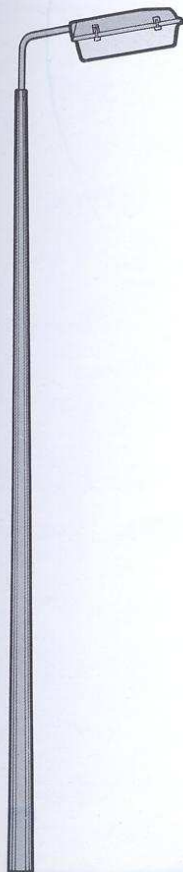


Maximum width: 171mm
 Maximum weight: 7.65kg
 Windage area: 0.128m²
 Recommended mounting height: 5m
 Mounting: Side entry for 42mm \varnothing (1 1/4" BSP) x 105mm

Range

Lamp	W	Length: mm	V	Hz	Lantern catalogue no.
MCF	2 x 40	600	240	50	QB6D/B2240.4

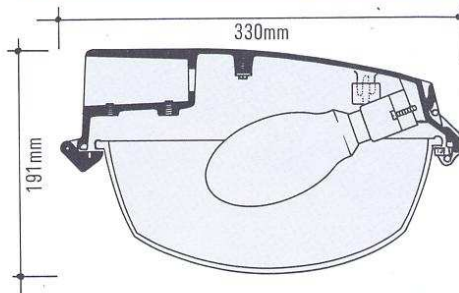
For lanterns with anti vandal cover bowl change D to V in catalogue number.
 For lanterns with NEMA photocell socket insert P before B in catalogue number.





The Beta 7 is a minor road lighting luminaire of robust construction for use with a 70W high pressure sodium or 80 or 125W mercury lamp, and can be mounted on THORN 5m aluminium columns.

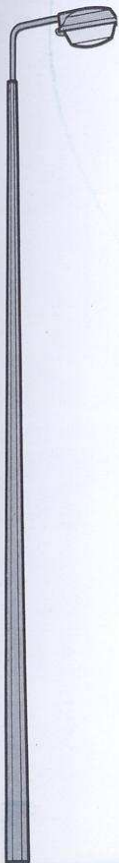
The canopy is die cast aluminium, and a heat resisting glass refractor bowl with stainless steel hinge and toggle catch complete the assembly. Alternatively a clear anti vandal bowl may be used. Control gear is mounted remote from the luminaire.

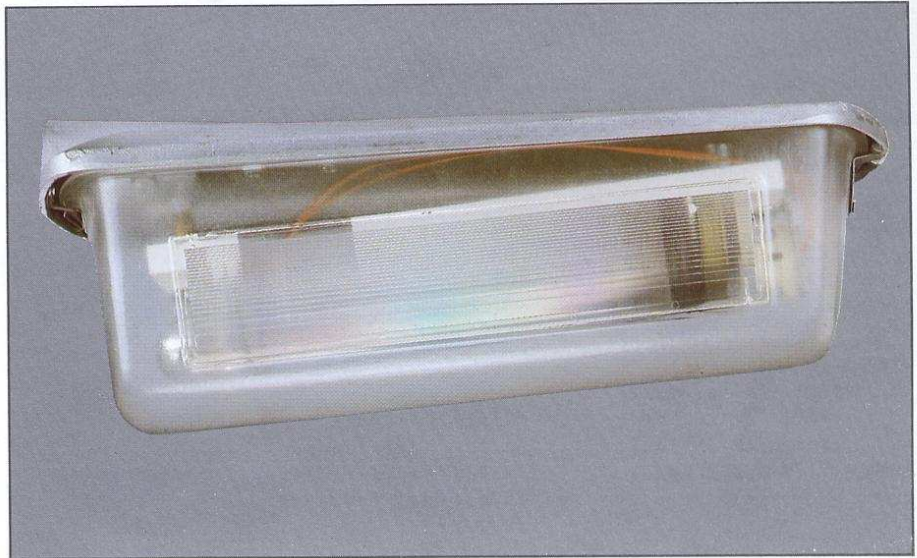


Luminaire	With glass bowl	With anti-vandal bowl
Maximum width : mm	270	270
Maximum weight : kg	3.74	2.15
Windage area : m ²	0.047	0.047
Recommended mounting height : m	5	5
Mounting : Side entry for 34mm ø (1" BSP) x 85mm		

Range

Lamp	W	Lantern catalogue no.	Type
SON	70	QB7G/1125 E27	With glass bowl
		QB7V/1125 E27	With anti vandal bowl
MBF	80 or 125	QB7G/1125 E27	With glass bowl
		QB7V/1125 E27	With anti vandal bowl



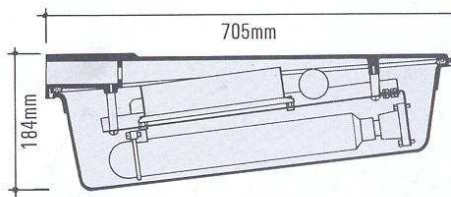


The Beta 8 is for minor road lighting with a 55W SOX low pressure sodium lamp and is suitable for mounting on THORN 5m aluminium columns.

stabilised acrylic with interior, sealed refractor plates. Alternatively a vandal-resistant bowl may be used. A stainless steel hinge and clips secure the bowl to the canopy.

Available in two basic versions, with remote or integral control gear, the luminaire comprises a die cast aluminium canopy with an overlamp reflector/gear tray, and a cover bowl in ultra violet

A NEMA socket for photocell switch control can be supplied fitted into the luminaire as an optional extra.



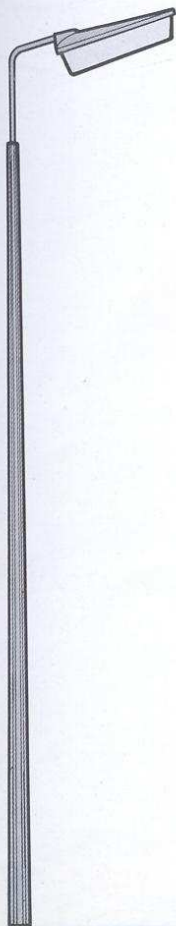
Luminaire	With gear	Less gear
Maximum width : mm	242	242
Maximum weight : kg	8.49	4.08
Windage area : m ²	0.086	0.086
Recommended mounting height : m	5	5
Mounting : Side entry for 34mm ø (1" BSP) x 100mm		

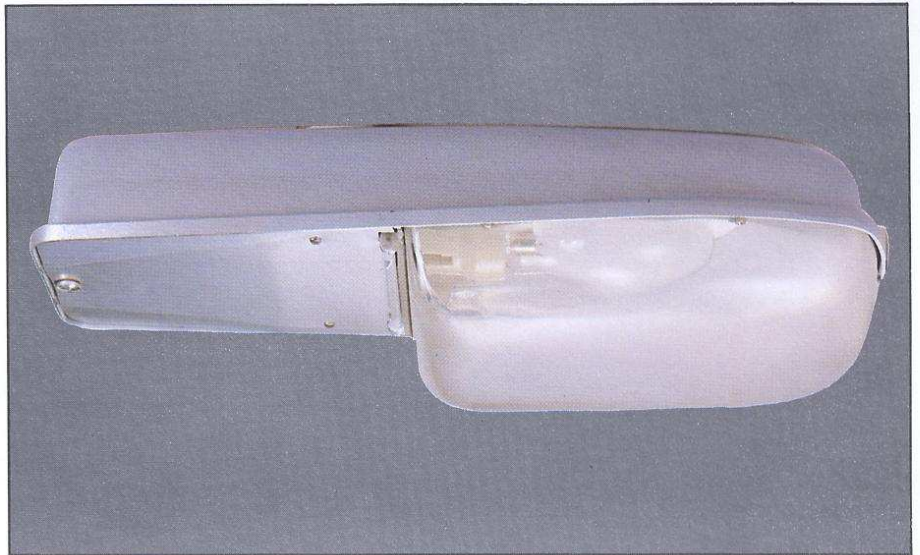
Range

Lamp	W	V	Hz	Lantern catalogue no.	Type
SOX	55	240	50	QB8D/B1055.4	With gear
		200/250	50	QB8D/B1055.T	
SOX	55	—	—	QB8D/1055	Less gear

For lanterns with anti vandal cover bowl change D to V in catalogue number.

For lanterns with NEMA photocell socket insert P after QB8D/ in catalogue number.



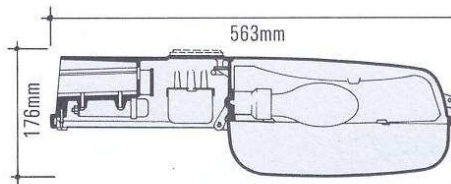


The Beta 79 for minor road lighting is a high quality luminaire of superior design for use with a 70W high pressure sodium or 80 or 125W mercury lamp. It is suitable for mounting on THORN 5m aluminium columns.

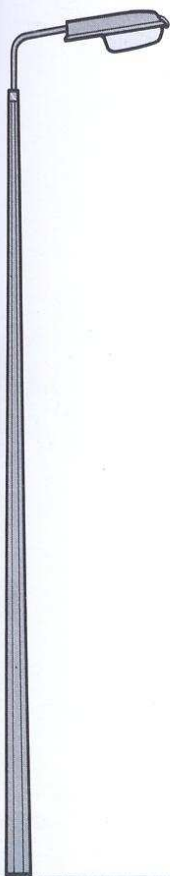
The same basic canopy can be supplied complete with control gear or less gear, and comprises a single piece aluminium pressure die casting with the lamp compartment divided and sealed off from the end support/gear housing. Optical control is by

a pair of side mounted anodised aluminium reflectors, and the bowl enclosure is in anti vandal polycarbonate with integral moulded hook-on fixture. A single plastic toggle catch secures the enclosure. Alternatively the bowl and toggle are completely removable so that the luminaire may be used as an open type unit if required.

The Beta 79 can also be supplied complete with a NEMA socket for photocell switch control.



Luminaire	With gear	Less gear
Maximum width : mm	242	242
Maximum weight : kg	5.96	4.37
Windage area : m ²	0.075	0.075
Recommended mounting height : m	5	5
Mounting : Side entry for 34mm \varnothing (1" BSP) x 105mm or 48mm \varnothing (1 1/2" BSP) x 105mm		



Range

Lamp	W	V	Hz	Lantern catalogue no.	Type
SON	70	220/240	50	QB79V/WNB1070.T	With gear
		220/240	60	QB79V/WNB1070.2.6	
MBF	80	220	50	QB79V/WB1080.2	With gear
		240	50	QB79V/WB1080.4	
		200/250	50	QB79V/WB1080.T	
MBF	125	220	50	QB79V/WB1125.2	With gear
		240	50	QB79V/WB1125.4	
		200/250	50	QB79V/WB1125.T	
		220/270	60	QB79V/WB1125.T	
SON	70	—	—	QB79V/W1200	Less gear
MBF	80 or 125	—	—	QB79V/W1200	Less gear

For lanterns with NEMA photocell socket insert P after QB79V/W in catalogue number.

For lanterns with 48mm (1 1/2 inch BSP) entry add MF 20327 before QB79 in catalogue number.

