

Certification and Approval

Certification Code
 Certification number
 Certification standard
 Protection

EEx de II 2 GD IIC T5
 SIR A 00 ATEX 1047
 EN 60079-0, 1, 7
 IP 66

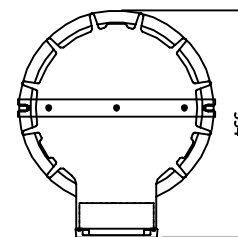
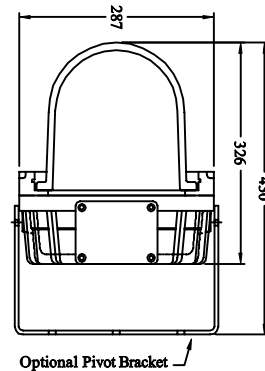


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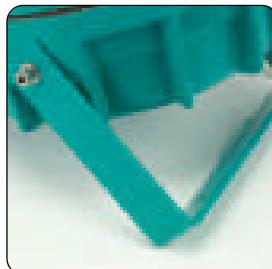
Features Options

Up to 100,000 hours life expectancy
 Optional internal and/or external Reflector
 Immediate ignition and re-ignition
 Fixed or directional mounting options
 Integral EEx e Terminal chamber

Sealed and flying lead fitted
 Optional internal /external Reflector
 Coloured glass option
 Fixed or directional mounting options



Terminal Block Access



Swivel Stirrup mounting



Threaded flame path

Technical Data

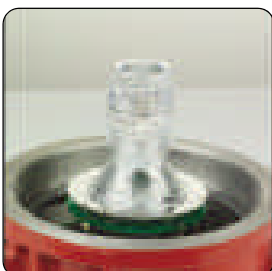
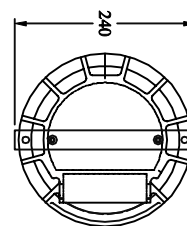
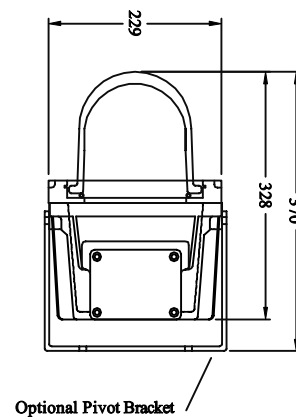
Supply Voltage	220-240v, 50/60Hz
Operating Temperature	-25°C to +40 °C
Control Gear	High frequency generator driving induction lamp within the luminaire
Lamp Options	55w or 85w induction lamp
Cable Entries	2 x M20 – ISO (1 plugged) as Standard Other threads available.
Terminals	4 (4mm) wire and earth with looping facility Cable crimping required at installation when looping
Mounting Facility	Back mounted fixing strap
Access	Terminals accessed via terminal cover retained by cap screws Lamp and gear accessed via removable glass dome
Material	Corrosion resistant marine grade aluminium body and bezel Toughened Borosilicate glass dome
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours
Accessories	Internal or external reflector Pivot bracket for directional control Pendant mount Wire Guard
Weight	15.0Kgs
Features	Ultra long life Flicker free start Low energy consumption Constant light independent of voltage fluctuations Automatic safety cut out in case of lamp failure

Certification and Approval

Certification Code	EEx de II 2 GD IIC T3 and 4 (See lamp tables for T rating)
Certification number	SIRA 00 ATEX 1048
Certification standard	EN 60079-0, 1,7
Protection	IP 66

Features Options

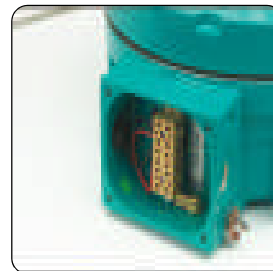
- | | |
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| <ul style="list-style-type: none"> Rotating Beacon Xenon flashing unit IIC as standard Heavy Duty construction Integral EEx e terminal chamber FOR AMBIENT TEMPERATURE "T" RATINGS SEE TABLES AT REAR OF CATALOGUE | <ul style="list-style-type: none"> Range of fresnel colours or glass colouring Long Life LED options Range of warning and flash options High ambient version |
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Xenon Flash with Fresnel



LED cluster



Terminal block housing

Technical Data

Supply Voltage	Beacons 240v Warning Lights AC – 24 to 277 50/60Hz DC also
Operating Temperature	-45°C to +70 °C
Control Gear (when Fitted)	Electronic flasher unit Rotating Reflector drive
Lamp Options	Beacons: 150w GLS max (ES, E27 or BC) 25w SL (ES, E27 or BC), 20w PLCE Rotating 55w of 70w (supplied)
Cable Entries	2 x M20 – ISO (1 plugged) as Standard Other threads available.
Terminals	4 (4mm) wire and earth with looping facility Cable crimping required at installation when looping
Mounting Facility	Back mounted fixing strap
Access	Terminals accessed via terminal cover retained by cap screws Lamp and gear accessed via removable glass dome
Material	Corrosion resistant marine grade aluminium body and bezel Toughened Borosilicate glass dome
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours
Accessories	Internal or external reflector Pivot bracket for directional control Pendant mount Wire Guard Glass colouring available
Weight	9.0Kgs
Features	Flashing Xenon – Output 195,000CD peak OR Rotating Reflector beacon. 70°C ambient option available IIC as standard Heavy Duty Construction

Certification and Approval

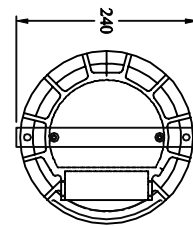
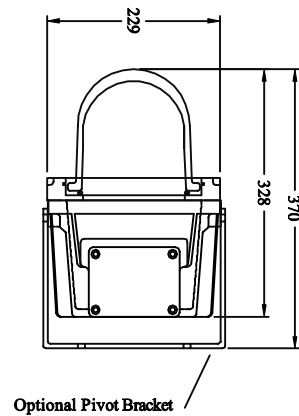
Certification Code	EEx de II 2 GD IIC T3 and 4 (See lamp tables for T rating)
Certification number	SIRA 00 ATEX I 048
Certification standard	EN 60079-0, I, 7
Protection	IP 66

Features Options

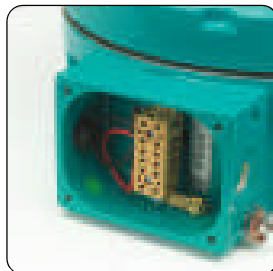
Range of lamp sources available
 IIC as standard
 Heavy duty construction
 Integral EEx e Terminal chamber

Range of lamp sources
 Low and high temperature versions
 Internal and external reflectors
 Coloured glass range

FOR AMBIENT TEMPERATURE "T" RATINGS SEE TABLES AT REAR OF CATALOGUE



610 Threaded flame path



Terminal block access



610 blue lens

Technical Data

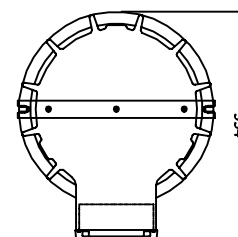
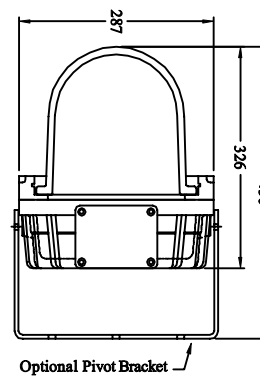
Supply Voltage	240v 50Hz Check for alternative voltages
Operating Temperature	-45°C to +70 °C
Control Gear (when Fitted)	Ballast, ignitor and capacitor can be fitted within the luminaire
Lamp Options	Certified with elliptical lamps (Lamps not provided) 50w, 70w, 110w SON-E and 70w SON-R 50w, 80w ,125w HPMV/MBF 25w SL or 20w PLCE 150w GLS with ES (E27) lamp holder. BC holder also available
Cable Entries	2 x M20 – ISO (1 plugged) as Standard Other threads available.
Terminals	4 (4mm) wire and earth with looping facility Cable crimping required at installation when looping
Mounting Facility	Back mounted fixing strap
Access	Terminals accessed via terminal cover retained by cap screws Lamp and gear accessed via removable glass dome
Material	Corrosion resistant marine grade aluminium body and bezel Toughened Borosilicate glass dome
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours
Accessories	Internal or external reflector Pivot bracket for directional control Pendant mount Wire Guard
Weight	9kg to 12kgs lamp dependant
Features	70°C ambient option available IIC as standard Heavy duty construction

Certification and Approval

Certification Code	EEx de II 2 GD IIC T2 – T6 (See lamp tables for T rating)
Certification number	SIRA 00 ATEX I047
Certification standard	EN 60079-0, I, 7
Protection	IP 66

Features Options

<p>Large lamp option range High Ambient options available Rapid re lamping and gear access Integral EEx e Terminal chamber FOR AMBIENT TEMPERATURE “T” RATINGS SEE TABLES AT REAR OF CATALOGUE</p>	<p>Large range of lamp options Low and high temperature versions Coloured glass range</p>
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Terminal block access



620 External reflector



Swivel stirrup mounting

Technical Data

Supply Voltage	240v 50Hz Check for alternative voltages
Operating Temperature	-20°C to +40 °C standard supply For operation at -45°C or up to 90°C consult sales office prior to ordering
Control Gear (when Fitted)	Ballast, ignitor and capacitor can be fitted within the luminaire
Lamp Options	Certified with elliptical lamps (Lamps not provided) 150w SON-E and 250w SON-I 125w and 250w HPMV/MBF Up to 300w GLS, 25w SL or 20w PLCE
Cable Entries	2 x M20 – ISO (1 plugged) as Standard Other threads available.
Terminals	4 (4mm) wire and earth with looping facility Cable crimping required at installation when looping
Mounting Facility	Back mounted fixing strap
Access	Terminals accessed via terminal cover retained by cap screw Lamp and gear accessed via removable glass dome
Material	Corrosion resistant marine grade aluminium body and bezel Toughened Borosilicate glass dome
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours
Accessories	Internal or external reflector Pivot bracket for directional control Pendant mount Wire Guard
Weight	12.5 to 16.0 kgs
Features	IIC as standard Heavy duty construction Glass colouring available High ambient temperature option available

Certification and Approval

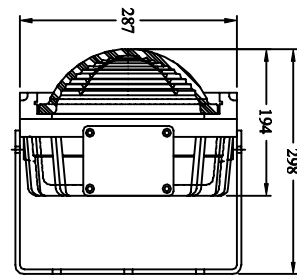
Certification Code	EEx de II 2 GD IIC T3 – T6 (See lamp tables for T rating)
Certification number	SIRA 00 ATEX I047
Certification standard	EN 60079-0, I, 7
Protection	IP 66

Features Options

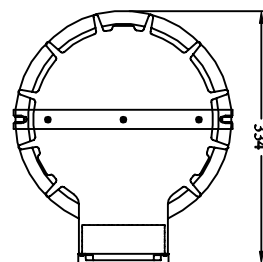
Shallow profile for confined space
 IIC as standard
 Integral EEx e Terminal chamber
 Heavy duty construction

Shallow profile for confined spaces
 Cow and high temperature versions
 Extended lamp range
 Coloured glass range

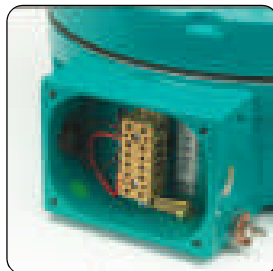
FOR AMBIENT TEMPERATURE “T” RATINGS SEE TABLES AT REAR OF CATALOGUE



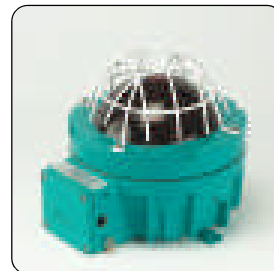
Optional Pivot Bracket



621 with wire guard



Terminal block access and local external earthing



Coloured glass option

Technical Data

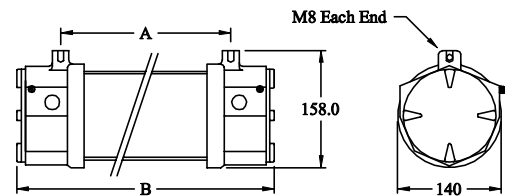
Supply Voltage	240v 50Hz Check for alternative voltages
Operating Temperature	-20°C to +40 °C standard supply For operation up to 90°C consult sales office prior to ordering
Control Gear (when Fitted)	Ballast, ignitor and capacitor all fitted within the luminaire
Lamp Options	Certified with elliptical lamps (Lamps not provided) 50w or 70w SON 50w, 80w or 125w HPMV/MBF Up to 200w GLS
Cable Entries	2 x M20 – ISO (1 plugged) as Standard Other threads available.
Terminals	4 (4mm) wire and earth with looping facility Cable crimping required at installation when looping
Mounting Facility	Back mounted fixing strap
Access	Terminals accessed via terminal cover retained by cap screw Lamp and gear accessed via removable glass dome
Material	Corrosion resistant marine grade aluminium body and bezel Toughened Borosilicate glass dome
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours
Accessories	Internal or external reflector Pivot bracket for directional control Pendant mount Wire Guard
Weight	12kgs to 14kgs lamp dependant
Features	IIC as standard Heavy duty construction Glass colouring available High ambient temperature option available

Certification and Approval

Certification Code EEx d II 2 G IIB or IIC T5 or T4 L (See lamp tables for T rating)
 Certification number SIRA 01 ATEX I033
 Certification standard EN 60079-0, I
 Protection IP 66

Features Options

High Impact Resistant Polycarbonate lens
 Anodised marine grade Aluminium
 50,000 hr electronic ballast
 EOL lamp protection
 Vibration resistant
 Wide range of voltage options
 Large range of lamp options
 IP68 versions
 Through wiring
 FOR AMBIENT TEMPERATURE "T" RATINGS SEE TABLES AT REAR OF CATALOGUE



Size	Model	A	B
1	8w	335	448
2	18w	632	752
4	36w	1242	1362
5	58w	1542	1662
6	70w	1806	1926

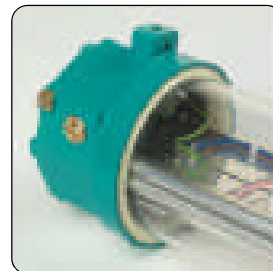
All dimensions in mm



Easy lamp change system



Threaded end cap



Threaded mounting point

Technical Data

Supply Voltage	230v 50/60Hz Check for alternative voltages															
Operating Temperature	-20°C to +55°C standard supply subject to lamp and ambient temperature combinations (see table opposite).															
Control Gear	Electronic instant start, Switch start															
Lamp Options Cable Entries	8w (T5), 18w, 36w, 58w, 70w (T8) (Lamps not provided), 4 x M20 - 2 each end, (2 plugged) as standard															
Terminals	3 wire and earth. Cable size 4mm ² max Through wiring option available on 18w to 70w sizes															
Mounting Facility	2 x M8 tapped holes vertical and horizontal at both ends.															
Access	Terminals accessed via threaded end cover as is the gear tray which slides out.															
Material	Corrosion resistant marine grade anodised aluminium body and high impact polycarbonate tube.															
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours															
Weight	<table border="0"> <tr> <td>Single Lamp</td> <td>1 8w</td> <td>3.0Kgs</td> <td>2 18w</td> <td>5.0Kgs</td> </tr> <tr> <td></td> <td>4 36w</td> <td>7.0Kgs</td> <td>5 58w</td> <td>8.0Kgs</td> </tr> <tr> <td></td> <td>6 70w</td> <td>9.0Kgs</td> <td></td> <td></td> </tr> </table>	Single Lamp	1 8w	3.0Kgs	2 18w	5.0Kgs		4 36w	7.0Kgs	5 58w	8.0Kgs		6 70w	9.0Kgs		
Single Lamp	1 8w	3.0Kgs	2 18w	5.0Kgs												
	4 36w	7.0Kgs	5 58w	8.0Kgs												
	6 70w	9.0Kgs														
Features	Highly versatile luminaire with large lamp and voltage ranges Durable and slim line construction Removable lamp assembly for ease of lamp change. High IP rating															

Technical Data

Supply Voltage	230v 50/60Hz Check for alternative voltages. Suitable for central battery operation															
Operating Temperature	-20°C to +55°C standard supply subject to lamp and ambient temperature combinations (see table opposite).															
Control Gear	Electronic instant start, Switch start. One lamp lit in emergency mode															
Lamp Options	8w (T5), 18w, 36w, 58w, (Lamps not provided)															
Cable Entries	4 x M20 - 2 each end, (2 plugged) as standard															
Terminals	3 wire and earth. Cable size 4mm ² max Through wiring option available on 18w to 70w sizes															
Mounting Facility	2 x M8 tapped holes vertical and horizontal at both ends.															
Access	Terminals accessed via threaded end cover as is the gear tray which slides out.															
Material	Corrosion resistant marine grade anodised aluminium body and high impact polycarbonate tube.															
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours															
Weight	<table border="0"> <tr> <td>Size 1</td> <td>8w</td> <td>5.1Kgs</td> </tr> <tr> <td>Size 2</td> <td>18w</td> <td>6.8Kgs</td> </tr> <tr> <td>Size 3</td> <td>36w</td> <td>10.0Kgs</td> </tr> <tr> <td>Size 4</td> <td>58w</td> <td>10.4Kgs</td> </tr> <tr> <td>Size 5</td> <td>70w</td> <td>12.5Kgs</td> </tr> </table>	Size 1	8w	5.1Kgs	Size 2	18w	6.8Kgs	Size 3	36w	10.0Kgs	Size 4	58w	10.4Kgs	Size 5	70w	12.5Kgs
Size 1	8w	5.1Kgs														
Size 2	18w	6.8Kgs														
Size 3	36w	10.0Kgs														
Size 4	58w	10.4Kgs														
Size 5	70w	12.5Kgs														
Features	Highly versatile luminaire with large lamp and voltage ranges Durable and slim line construction Removable lamp assembly for ease of lamp change. High IP Rating															

Technical Data

Supply Voltage	230v 50Hz Check for alternative voltages. Suitable for central battery operation.						
Operating Temperature	-25°C to +52°C subject to lamp and ambient temperature combinations						
Control Gear	Electronic instant start, Switch start						
Lamp Options	11w, 18w, 26w, 36w, 55w PL-S, PL-L, PL-C (Lamps not provided)						
Cable Entries	2 x M20 – ISO (1 plugged) as Standard Other threads available.						
Terminals	3 wire and earth. Cable size 4mm ² max Through wiring option available on 8w to 55w sizes						
Mounting Facility	2 x M8 tapped holes vertical and horizontal at both ends.						
Access	Terminals accessed via threaded end cover as is the gear tray which slides out						
Material	Corrosion resistant marine grade aluminium body and high impact polycarbonate tube.						
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours						
Weight	<table border="0"> <tr> <td>Size 1</td> <td>11w, 18w, 26w</td> <td>4.5Kgs</td> </tr> <tr> <td>Size 2</td> <td>18w, 26w, 55w,</td> <td>6.8Kgs</td> </tr> </table>	Size 1	11w, 18w, 26w	4.5Kgs	Size 2	18w, 26w, 55w,	6.8Kgs
Size 1	11w, 18w, 26w	4.5Kgs					
Size 2	18w, 26w, 55w,	6.8Kgs					
Features	IIC as standard Heavy duty construction High ambient temperature option available						

Certification and Approval

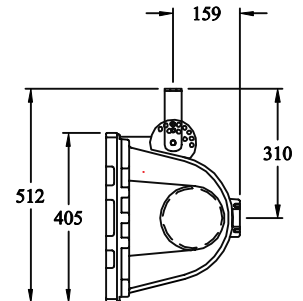
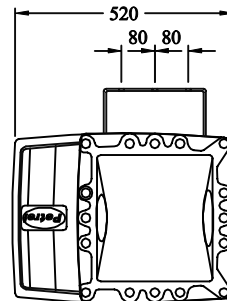
Certification Code	EEx de II 2 GD IIB T2 – T3 (See lamp tables for T rating)
Certification number	SIRA 01 ATEX 1035
Certification standard	EN 60079-0, 1, 7
Protection	IP 66

Features Options

Rapid re – lamping through threaded access cover
 Narrow/Wide angle beam adjustment
 Symmetrical reflector as standard
 Integral EEx e Terminal chamber

Mounting bracket options
 0.9 power factor when fitted

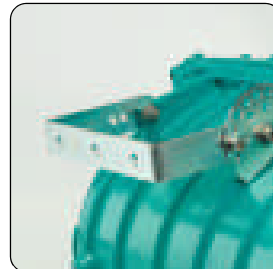
FOR AMBIENT TEMPERATURE “T” RATINGS SEE TABLES AT REAR OF CATALOGUE



Lamp access cover



Beam adjustment



Angular adjustment
 mounting plate

Technical Data

Supply Voltage	230v 50Hz Check for alternative voltages and frequency.
Operating Temperature	-20°C to +55°C standard supply but subject to lamp, voltage and ambient temperature combinations .
Control Gear	Integral within the luminaire and optional power factor correction
Lamp Options	Tubular: SON, MBI, HPMV, Tungsten. Symmetrical reflector fitted to all versions. (Lamps not provided)
Cable Entries	2 x M20 – ISO (1 plugged) as Standard Other threads available.
Terminals	2 wire and earth. Cable size 6mm 2 max with looping facility
Mounting Facility	Rear pole mounting directly to body or for adjustable angle version order with “U” shaped stirrup and graduated angle bracket.
Access	Terminals accessed via EEx e terminal cover with 4 stainless steel fixings. Lamp change via threaded lamp cover for reduced maintenance time.
Material	Corrosion resistant marine grade aluminium body and covers and toughened Borosilicate glass.
Finish	2 Pack epoxy paint on primed surface. Standard colour - Aqua Additional costs for non standard colours.
Weight	SON, MBI, HPMV 33Kgs Tungsten 29Kgs
Features	Adjustable beam width Symmetrical reflector fitted to all versions Heavy Duty construction Directionally adjustable with stirrup mounting bracket

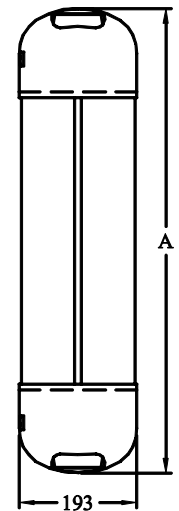
Certification and Approval

Certification Code EEx ed II 2G 3D IIC T5 – T4 (See lamp tables for T rating)
 Certification number SIRA 00 ATEX 3071. IECEx SIR 08.0089
 Certification standard EN 60079-0, 11:2006. EN60079-1, 7:2007.
 EN61241-1:2004. IEC 60079-0:2007
 Protection IP 65

Features Options

Integral isolation switch as standard
 Single point locking action
 EOL lamp shut down
 High light output
 Integral battery with 3 hr. duration on emergency versions
 Alternative voltages
 Through wiring
 Omission of isolation switch

FOR AMBIENT TEMPERATURE "T" RATINGS SEE TABLES AT REAR OF CATALOGUE



Size	Length	Fixing centres 100 up to
2x18w	760	450
2x36w	1365	1055
2x58w	1665	1355

All dimensions in mm



Single point diffuser release



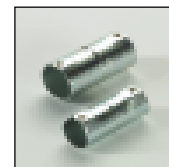
Terminal block access



Rear mounting channel
 for T bolt

Clip In Rapid Conduit System - Table of sizes and finishes

Round Boxes	Size	Finish	Part Number
Terminal box - 1 Way	20mm	Zinc Plate	9121G
Through box - 2 Way	20mm	Zinc Plate	9123G
Angle box - 2 Way	20mm	Zinc Plate	9125G
Tee box - 3 way	20mm	Zinc Plate	9129G
Intersection box - 4 way	20mm	Zinc Plate	9132G
Couplers			
Standard	20mm	Zinc Plate	9402G
Standard	25mm	Zinc Plate	9403G
Standard	20mm	Black	9402B
Standard	25mm	Black	9403B
Running			
Running	20mm	Zinc Plate	9412G
Running	25mm	Zinc Plate	9413G
Running	20mm	Black	9412B
Running	25mm	Black	9413B
Flanged with Brass Bush			
Flanged with Brass Bush	20mm	Zinc Plate	9432G
Flanged with Brass Bush	25mm	Zinc Plate	9433G
Flanged with Brass Bush	20mm	Black	9432B
Flanged with Brass Bush	25mm	Black	9433B
Adaptors			
Male Tread to Clip In	20mm	Zinc Plate	9002G
Male Tread to Clip In	25mm	Zinc Plate	9003G
Male Tread to Clip In	20mm	Black	9002B
Male Tread to Clip In	25mm	Black	9003B



621 Bulkhead

Certified with elliptical or tubular lamps.

Max. 200w GLS	T4 @ Ta = 34°C
50w or 70w SON	T4 @ Ta = 40°C
or	T3 @ Ta = 60°C
50w or 80w HPMV/MBF	T4 @ Ta = 40°C
or	T3 @ Ta = 60°C
125w HPMV/MBF	T4 @ Ta = 40°C
Max. 25w SL or 20w PLCE	T6 @ Ta = 70°C
or	T5 @ Ta = 60°C
All with ES (E27) lampholder.	
Up to 200w BC also available.	T4 @ Ta = 34°C
High temperature version (at extra cost).	
200w GLS	T3 @ Ta = 60°C
70w SON	T3 @ Ta = 90°C
80w HPMV/MBF	T3 @ Ta = 90°C
125w HPMV/MBF	T3 @ Ta = 70°C
25w SL or 20w PLCE	T5 @ Ta = 60°C
Lamps not included	
N.B. For Ta up to 60°C cable must be suitable for 116°C operation. Above Ta 60°C cable must be suitable for 146°C operation.	

7 series Fluorescent

Lamp source options:	Certification data:	All options certified for -25°C
	8w T5 @ Ta=40°C	T4 @ Ta=52°C EEx d IIC
	18w T6 @ Ta=40°C	T5 @ Ta=55°C EEx d IIC
	36w T6 @ Ta=40°C	T5 @ Ta=55°C EEx d IIB
	58w T6 @ Ta=40°C	T5 @ Ta=55°C EEx d IIB
	70w T5 @ Ta=40°C	T4 @ Ta=55°C EEx d IIB

Emergency Range

Lamp source options:	Certification data:	All options certified for -25°C
	8w T6 @ Ta=40°C	T6 @ Ta=52°C EEx d IIC
	18w T6 @ Ta=40°C	T5 @ Ta=55°C EEx d IIC
	36w T6 @ Ta=40°C	T5 @ Ta=55°C EEx d IIB
	58w T6 @ Ta=40°C	T5 @ Ta=55°C EEx d IIB

7 series Compact

Lamp source options:	Standard fluorescent	
Size 1	1 or 2 x 11w max PL-S	T4 @ Ta=52°C
	1 or 2 x 18w max PL-L	
	1 or 2 x 26w max PL-C	T5 @ Ta=40°C
Size 2	1 or 2 x 36w max PL-L	T6 @ Ta=40°C
	1 or 2 x 55w max PL-L (HF only)	T6 @ Ta=40°C
	Emergency fluorescent	
Size 1	1 x 18w max PL-L EM	T4 @ Ta=52°C
Size 2	1 x 2 x 36w max PL-L EM	T6 @ Ta=40°C

8 series Flood Light

Lamp source options:	
80w, 250w HPMV	T3 @ Ta = 55°C (D=T147°C)
With ES (E27) lampholder.	
150w, 250w SON	T3 @ Ta = 55°C (D=T147°C)
250w MBI	T3 @ Ta = 55°C (D=T147°C)
500w Tung Halogen	T3 @ Ta = 55°C (D=T175°C)
250w HPMV	T3 @ Ta = 55°C (D=T147°C)
400w SON/MBI	T3 @ Ta = 40°C (D=T147°C)
400w, HPMV	T3 @ Ta = 40°C (D=T147°C)
500w, Tung Halogen	T3 @ Ta = 55°C (D=T173°C)
150w, 250w SON	T3 @ Ta = 40°C (D=T127°C)

9 series Fluorescent

All options certified for -20°C to +55°C
All variations: T5 @ Ta 25°C
T4 @ Ta 55°C

9R series Fluorescent

All options certified for -20°C to +55°C
EEx ed IIC T5 @ Ta 25°C or T4 @ 55°C

Technical Data

Supply Voltage	230v 50/60Hz standard, 110v , 254v and 277v optional on some 18w and 36w. 60-Hz also optional. Suitable for central battery operation.	
Operating Temperature	-20°C to +55°C standard supply subject to ambient temperature requirements.	
Control Gear	Electronic instant start ballast and integral charger inverter for emergency versions. EOL cut off. 3hr operation with internal battery subject to ambient temperature.	
Lamp Options	Twin 18w, 36w, 58w (Lamps not provided)	
Cable Entries	2 x M20 at each end (3 plugged as Standard)	
Terminals	3 wire and earth. Cable size 4mm ² max Through wiring option available	
Mounting Facility	2 x M8 "Quick fit" bolts available on variable centres for ease of mounting.	
Access	Terminals accessed via quick release diffuser and reflector.	
Material	Anodised corrosion resistant Aluminium and high impact polycarbonate diffuser and body mouldings. UV Resistant.	
Finish	Standard colour – Aqua body mouldings natural aluminium for body centre section	
Weight	Standard	Emergency
	2x 18w 6.8Kgs	7.0Kgs
	2 x 36w 10.4Kgs	11.2Kgs
	2 x 58w 12.0Kgs	13.0Kgs
Features	Excellent light output Heavy duty rigid construction Internal automatic isolation (may be omitted upon request) 110v , 254v and 277v available.	

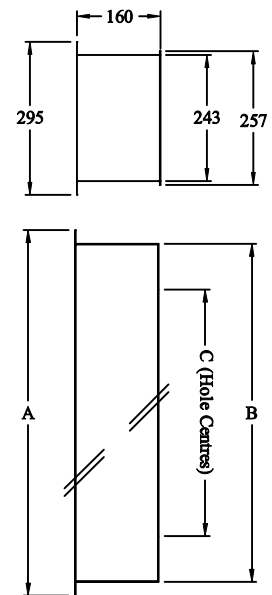
Certification and Approval

Certification Code EEx ed II 2G 3DIIC T5 – T4 (See lamp tables for T rating)
 Certification number SIRA 00 ATEX 3106
 Certification standard EN 60079-0, I I:2006. EN60079-1, 7:2007.
 Protection IP 54

Features Options

Flush fitting – minimizing dust build up
 EOL lamp shut down
 Integral battery with 3hr duration on emergency versions
 FOR AMBIENT TEMPERATURE “T” RATINGS SEE TABLES AT REAR OF CATALOGUE

Alternative voltages
 Through wiring
 Omission of isolation switch



Size	A	B	C
2 x 18	802	752	642
2 x 36	1402	1352	1242
2 x 58	1702	1652	1542

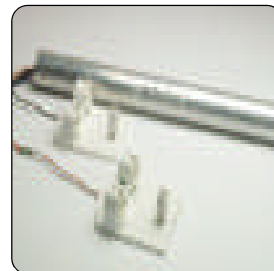
All dimensions in MM



Terminal block access



Rear mounting foot



Ballast & lamp holder pack

Technical Data

Supply Voltage	230v 50/60Hz standard, 110v , 254v and 277 v optional on some 18w and 36w. 60Hz also optional. Suitable for central battery operation.	
Operating Temperature	-20°C to +55°C standard supply subject to ambient temperature requirements.	
Control Gear	Electronic instant start ballast and integral charger inverter for emergency versions. EOL cut off. 3hr operation with internal battery subject to ambient temperature.	
Lamp Options	Twin 18w, 36w, 58w T8 (Lamps not provided)	
Cable Entries	2 x M20 clearance holes at each end (3 plugged as Standard)	
Terminals	3 wire and earth. Cable size 4mm ² max Through wiring option available	
Mounting Facility	4 fixing holes on rear of enclosure.	
Access	Remove toughened glass front panel and quick release diffuser.	
Material	Polyester coated steel and toughened glass in an aluminium frame.	
Finish	Standard colour – White polyester coated	
Weight	Standard	Emergency
	2x 18w 12.0Kgs	10.0Kgs
	2 x 36w 14.0Kgs	13.0Kgs
	2 x 58w 15.0Kgs	15.0Kgs
Features	Flush fitting closing panel minimising dust and bacterial build up Heavy duty rigid construction Internal automatic isolation (may be omitted upon request) 110v , 254v and 277v available.	

Technical Data

Supply Voltage	230v 50/60Hz standard. Suitable for central battery operation.	
Operating Temperature requirements.	-40°C to +55°C standard supply subject to ambient temperature	
Control Gear	Electronic instant start ballast and integral charger inverter for emergency versions. EOL cut off. 3hr operation with internal battery subject to ambient temperature.	
Lamp Options	Twin 18w, 36w, 58w T8 (Lamps not provided) Single 36w and 58w T8 (Lamps not provided)	
Cable Entries	1 x M20 clearance holes at each end (1 plugged as Standard)	
Terminals	3 wire and earth. Cable size 4mm ² max Through wiring option available	
Mounting Facility	2 drill through fixing points on rear of enclosure or "snap on" stainless steel brackets or heavy duty "gull wing" bracket available	
Access	Quick release stainless steel clips to free diffuser and spring clips release gear tray.	
Material	GRP moulded body, polycarbonate diffuser and coated steel control gear tray. Stainless steel diffuser and tray retaining clips	
Finish	Standard colour – Light grey non coated moulding	
Weight	Standard	Emergency
	2x 18w 2.8gs	3.8Kgs
	2 x 36w 3.6gs	4.6Kgs
	2 x 58w 5.0Kgs	5.6Kgs
	1 x 36w 3.2kgs	4.0Kgs
	1 x 58w 3.4Kgs	4.2Kgs
Features	Resilient construction Poured seal or closed cell gasket Unrestricted breathing for minimum inspection requirements Easily maintained.	

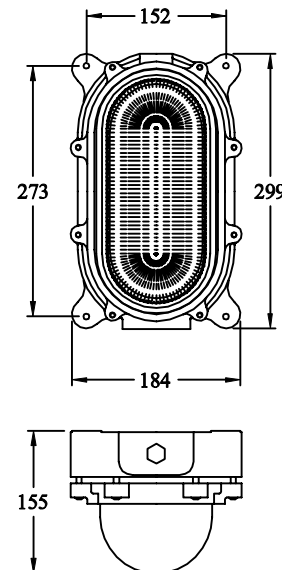
Certification and Approval

Certification Code	EEx nC II 3GD T6 or T3 (See lamp tables for T rating)
Certification number	03 ATEX TF457/01
Certification standard	EN 60079-0, I5
Protection	IP 68 to I5M subject to appropriate glanding

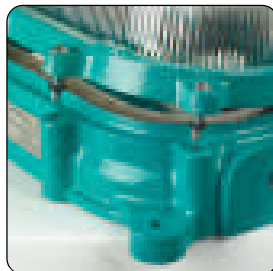
Features Options

Heavy duty cast iron construction
 Low projection and rounded profile
 Ideal for culvert and water treatment works
 High IP rating for arduous conditions

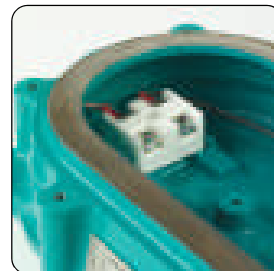
Alternative voltages
 Through wiring
 Lamp source variants



Cable entry



Lamp access



Terminal block access

Technical Data

Supply Voltage	230v 50Hz standard..
Operating Temperature	-20°C to +40°C standard supply subject to ambient temperature requirements.
Control Gear	For use with GLS lamp or 25w compact fluorescent. No control gear required.
Lamp Options	150w GLS or 25w compact fluorescent, 70w SON (Lamps not supplied)
Cable Entries	x M20 Threaded entry. Available both ends as option
Terminals	2 wire and earth. Cable size 4mm ² max
Mounting Facility	4 cast in fixing lugs to take M8 screws.
Access	Remove bezel retaining screws to release glass lens and gasket
Material	Cast iron body and bezel, glass lens and coated wire guard
Finish	2 Pack epoxy paint on primed surface. Standard colour – Aqua and white plastic coated guard Additional costs for non standard colours.
Weight	9.0Kgs
Features	Very heavy construction. Low projection and rounded profile Ideal for culvert and water treatment works High IP rating for arduous conditions

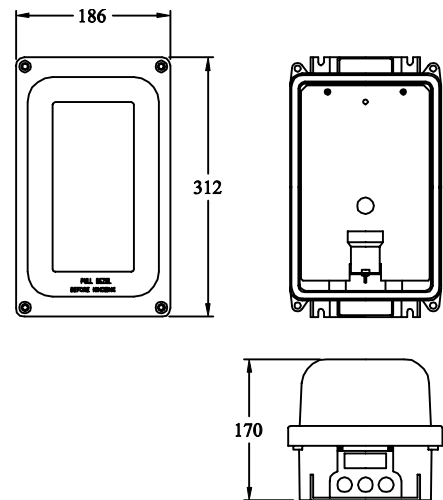
Certification and Approval

Certification Code	EEx nC II 3GD T3 (See lamp tables for T rating)
Certification number	03 ATEX TFDN/01
Certification standard	EN 60079-0, 15
Protection	IP 65

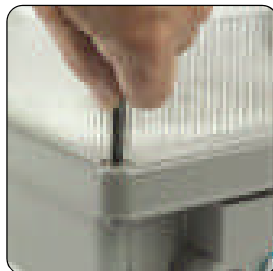
Features Options

Rapid lamp and control gear access
 Even light distribution
 Hinged lens opening

Lamp source variants
 Power factor correction
 Various lamp options available



Hinged lens opening



Screwed bezel fixings



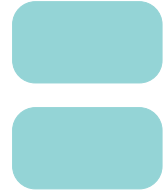
Integral mounting feet

Technical Data

Supply Voltage	230v 50Hz standard.
Operating Temperature	-20°C to +30°C standard supply subject to ambient temperature requirements.
Control Gear	Integral within the luminaire and optional power factor correction
Lamp Options	Elliptical: 70w SON 80w HPMV 200w GLS Twin 26w PL
Cable Entries	2 x M20 Threaded entries at one end (1 plugged).
Terminals	2 wire and earth. Cable size 4mm ² max
Mounting Facility	4 cast in fixing lugs to take M8 screws.
Access	Unscrew retaining screws to open hinged lens.
Material	Die cast aluminium body and bezel and borosilicate glass lens
Finish	Grey Powder coating or 2 Pack epoxy paint on primed surface. Additional costs for non standard colours.
Weight	70w and 80w 6.0Kgs 200w 4.0Kgs
Features	Rapid lamp and control gear access Even light distribution Various lamp options available

Technical Data

Supply Voltage	230v 50Hz standard..
Operating Temperature	-20°C to +30°C standard supply subject to ambient temperature requirements.
Control Gear	Integral within the luminaire and optional power factor correction when fitted.
Lamp Options	Tubular: SON, MBI, Tungsten. 70w to 500w Asymmetrical reflector fitted to all versions. (Lamps not provided)
Cable Entries Terminals	1 x M20 clearance hole in side of body. 2 wire and earth. Cable size 4mm ² max
Mounting Facility	“U” shaped stirrup bracket with angle adjustment mechanism.
Access	Unscrew 2 stainless steel screws in hinged glass retaining frame.
Material	Corrosion resistant die cast aluminium and toughened glass lens.
Finish	2 Pack epoxy paint on primed surface. Standard colour – Aqua .Additional costs for non standard colours.
Weight	19.5Kgs to 21Kgs Lamp dependant.
Features	Symmetrical reflector fitted to all versions Robust construction Directionally adjustable with stirrup mounting bracket



Certification and Approval

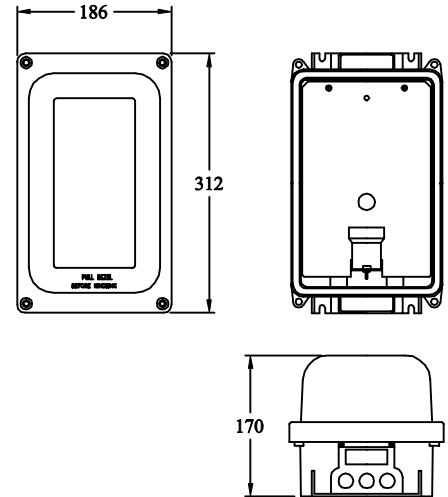
Industrial Luminaire

Bulk head fitting suitable for non hazardous industrial and commercial applications
 Available in a range of lamp formats including energy efficient PL's Emergency version
 with integral battery available with PL lamps (not supplied) Ingress Protection IP 65

Features Options

Hinged lens opening
 Rapid lamp and control gear access
 Even light distribution

Lamp source variants
 Power factor correction
 Various lamp options available



Hinged lens opening



Screwed bezel fixings



Integral mounting feet

Technical Data

Supply Voltage	230v 50Hz standard..
Operating Temperature	-20°C to +25°C standard supply subject to ambient temperature requirements.
Control Gear	Integral within the luminaire and optional power factor correction. Emergency version available for PL lamps
Lamp Options	Elliptical: 70w SON 80w HPMV 200w GLS PL 28w
Cable Entries	2 x M20 Threaded entries at one end (1 plugged).
Terminals	2 wire and earth. Cable size 4mm ² max
Mounting Facility	4 cast in fixing lugs to take M8 screws.
Access	Unscrew retaining screws to open hinged lens.
Material	Die cast aluminium body and bezel and borosilicate glass lens
Finish	Grey powder coated or 2 Pack epoxy paint on primed surface. Additional costs for non standard colours.
Weight	70w and 80w 8.0Kgs 200w 6.5Kgs PL 7.0 Kgs PL emergency 8.0 Kgs
Features	Rapid lamp and control gear access Even light distribution Various lamp options available



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