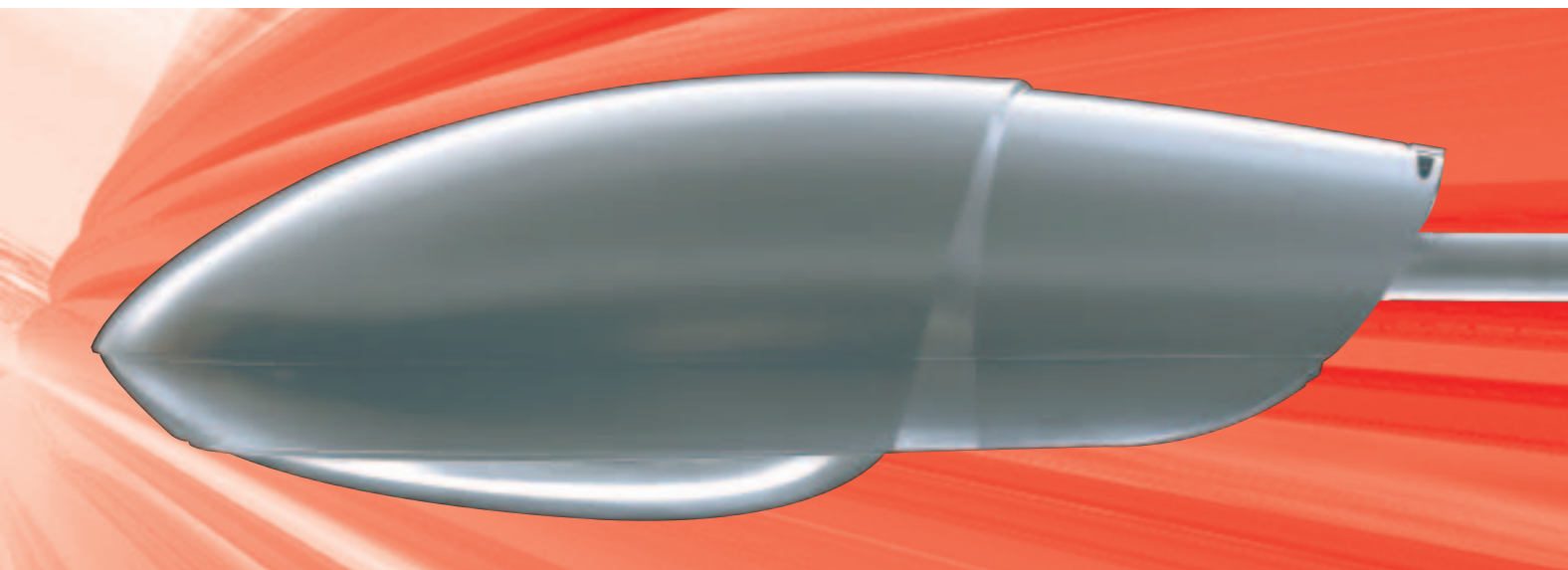
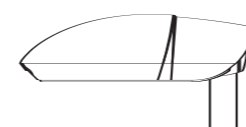


# ARC IP66

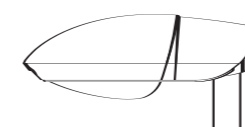
**FOR USE IN:** Main roads, motorways, intersections, slip roads, side roads, pedestrian crossings (Arc X only) and residential schemes.



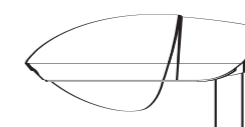
## Dimensions and Weights



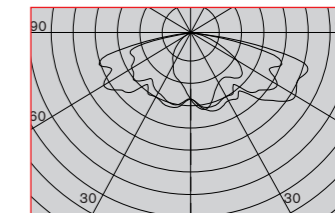
Flat Glass



Curved Glass



Polycarbonate bowl



Typical Polar Curve Arc 80

Type	Length mm	Width mm	Height mm	Windage	Weight kg
<b>Arc 80</b>					
BOWL	670	325	275	0.06	7-10
CURVED GLASS	670	325	240	0.06	7-10
FLAT GLASS	670	325	190	0.06	7-10
<b>Arc 90</b>					
CURVED GLASS	775	380	250	0.07	11-14
FLAT GLASS	775	380	200	0.07	11-14

## Arc 80 Order Codes

Description	CODE
35W CDM-T BOWL	ASR35CDMTB
35W CDM-T FLAT GLASS	ASR35CDMTG
35W CDM-T CURVED GLASS	ASR35CDMTCG
42W CFL BOWL	ASR42B
42W CFL FLAT GLASS	ASR 42G
42W CFL CURVED GLASS	ASR 42CG
57W CFL BOWL	ASR57B
57W CFL FLAT GLASS	ASR57G
57W CFL CURVED GLASS	ASR57CG
85W PH-H BOWL	ASR85B
85W PH-H CURVED GLASS	ASR85CG
50/70W SON-T/CDM-T BOWL	ASR5070B**
50/70W SON-T/CDM-T FLAT GLASS	ASR5070G**
50/70W SON-T/CDM-T CURVED GLASS	ASR5070CG**
70/50W SON-T/CDM-T BOWL	ASR7050B
70/50W SON-T/CDM-TT FLAT GLASS	ASR7050G*
70/50W SON-T/CDO-TT CURVED GLASS	ASR7050CG*
100W SON-T/CDO-T BOWL	ASR100B
100W SON-T/CDO-TT FLAT GLASS	ASR100G
100W SON-T/CDO-TT CURVED GLASS	ASR100CG
100W SON-T/CDO-TT Arc X CURVED GLASS LHD*	ASRX100CGL
100W SON-T/CDO-TT Arc X CURVED GLASS RHD*	ASRX100CGR
150W SON-T/CDO-TT BOWL	ASR150B
150W SON-T/CDO-TT FLAT GLASS	ASR150G
150W SON-T/CDO-TT CURVED GLASS	ASR150CG
150W SON-T/CDO-TT Arc X CURVED GLASS LHD*	ASRX150CGL
150W SON-T/CDO-TT Arc X CURVED GLASS RHD*	ASRX150CGR

## Arc 90 Order Codes

Description	CODE
120W PH-H CURVED GLASS	AMR120CG
150W SON-T/CDO-TT FLAT GLASS	AMR150G
150W SON-T/CDO-TT CURVED GLASS	AMR150CG
250W SON-T/HQI FLAT GLASS	AMR250G
250W SON-T/HQI CURVED GLASS	AMR250CG
250W SON-T/HQI Arc X CURVED GLASS LHD*AMRX250CGL	250W SON
250W SON-T/HQI Arc X CURVED GLASS RHD*AMRX250CGR	
400W SON-T/HQI FLAT GLASS	AMR400G
400W SON-T/HQI CURVED GLASS	AMR400CG
600W SON-T FLAT GLASS	AMR600G
600W SON-T CURVED GLASS	AMR600CG

## Key Features and Benefits

- **IP66** Ensures superb, all weather Double Ingress Protection – DIP with a sealed lamp compartment within the overall IP66 body
- **Safe access** to the interior. Safe Maintenance Technology - SMT – provides automatic power disconnection when cover opened
- **No condensation** Interior moisture build-up is avoided through Controlled Breathing Technology - CBT – a series of breathers and labyrinths
- **Superb optics** Light is concentrated where it's needed by Faceted Optical Technology - FOT - a computer-designed seamless optic
- **Precision beam control** Further precision beam control is provided through fine horizontal and vertical lamp adjustment in all the design configurations
- **Ultra modern styling** Arc is suited to both functional and architectural applications
- **Easy top and side mounting** Arc is quick and easy to install through the use of the universal mounting spigot for side entry and post top applications
- **Rigid mount fixing** Our substantial two bolt fixing maintains the original lighting scheme design parameters throughout the service life
- **Simple, toolless maintenance** This is possible through the hinged canopy with a safety catch, an easily removed gear tray and the lamp bayonet fixing
- **Corrosion resistant** This ensures a long service life in any weather conditions through our LM6 seawater-resistant, lacquered aluminium high pressure die-castings
- **Impact resistance** is IK08
- **Recyclable** Arc is almost completely recyclable except the gasket as it's aluminium throughout
- **Pedestrian crossing** The Arc X pedestrian crossing version is available in both body sizes
- **Two body sizes:** Arc 80 for lamps up to 150W SON/T – CDO-TT and Arc 90 for lamps up to 600W SON/T – HQI
- **Glass/bowl:** Injection-moulded, UV-stabilised polycarbonate bowl in Arc 80, curved and flat toughened safety glass in both Arc 80 and Arc 90
- **Finish:** In RAL 9007 silver as standard but other colours on request
- **Tilt angle:** 0° + 5° + 10° in both post top and side entry
- **Mounting:** Side entry mounting is 60mm without adaptor or 34, 42 or 48mm with adaptor; post top mounting is 60-76mm
- **Control gear:** Integral as standard
- **Insulation:** Class 1 (must be earthed), Class 2 optional
- **Ambient temperature range:** -20°C to +35°C
- **Standard ballast:** 230/240V, thermally protected

## Notes

1. All the versions shown are Wired For Cell. Clients requiring NEMA Socket versions instead should suffix the order code with the letter N, eg AMR600CGN.
2. **LHD** = Left Hand Drive **RHD** = Right Hand Drive  
\* Tapped to 70W position  
\*\* Tapped to 50W position

**To specify state:** IP66 Double Ingress Protection, LM6 Seawater-Resistant All-Aluminium High Pressure Die Cast Lantern as WRTL Arc.



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