

Amenity & Security

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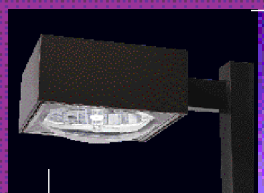
VISIONARY 2310 & 2020
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PERIMALITER
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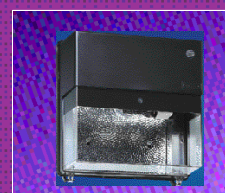
**NIGHTWATCH 18
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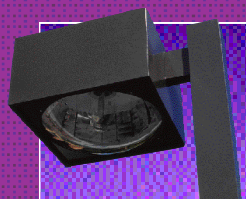
VISIONARY 2000 & 2110
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PERIMASHIELD
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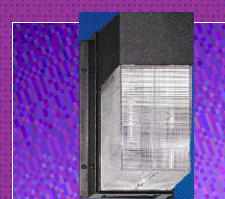
LIGHTWATT
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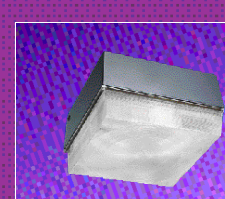
MAGNUSQUARE
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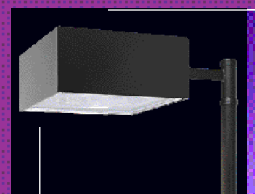
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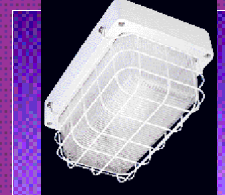
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MAGNULITER POST TOP
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BROADWALK
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STEADFAST
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For mounting
accessories see page ~



Magnudisc

MAGNUDISC DS & DM

The Magnudisc family offers a range of luminaires with unique photometric capabilities and genuine architectural appeal.

Whatever the lighting application, walkway, parking area, building entrance or façade, the Magnudisc offers the designer many ways of achieving the desired effect whilst complementing and coordinating with the lit environment.



D mounting option



G mounting option

Magnudisc is available in two sizes with a variety of computer designed optics providing highly efficient distribution patterns.

The low wattage version, DS, is specifically designed for installations where the mounting position is up to 6 metres above the illuminated surface or where high performance lighting is required to be unobtrusive.

Where greater mounting heights are required, or where the scale of the building structure needs perspective, the higher wattage version, DM, comes into its own.

The two part aluminium housing encloses the lamp and control gear assembly which is accessed via a hinged toughened glass cover. Quick access is provided by means of a toolless securing mechanism latching into the stainless steel glazing bezel ring.

Benefits include:~

- Project styling is enhanced through the wide range of rotatable optics, with tilt head capability, providing maximum versatility from fixed luminaire locations.
- Choices for mounting arrangement allow fixing to architectural structures or on columns ensuring the space as a whole is visually consistent.
- Light pollution is entirely avoided with controlled cut off, solid top versions.
- A visually interesting gentle, decorative night time effect, with the appearance of a soft glow, is created in the luminous top version available for the DS type.
- Lamp and reflector system can be rotated which ensures that only the required space is lit thus avoiding light spillage.
- Spoke mounted versions allow luminaires to be tilted increasing spacing possibilities reducing project costs and gives yet more light control.
- Segmented reflector system provides excellent photometric uniformity at wide spacing minimising lifetime costs.

SPECIFICATION

- Corrosion resistant aluminium housing.
- Polyester powder exterior quality paint finish.
- Toughened glass hinged bezel with integrated extruded seal and tool less fasteners.
- Removable rotatable reflector assembly with spring loaded fasteners and plug and socket connection.
- Zinc coated steel hinged gear tray for ease of maintenance.
- Spoke mounted versions with terminal block in column head attachment.
- IP55 protection.

OPTIONS

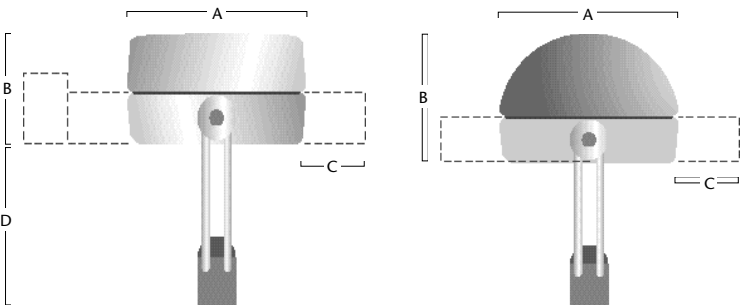
- Single or twin horizontal or single vertical spoke.
- Up to four way fixed arm mounting.
- Wall mounted single spoke.
- Bronze polyester powder coat as standard. To special order, optional mounting/housing colour combinations of black, white, grey, beige, forest green, terra cotta, teal, blue, golden rod or mauve.



Luminous top option for DS version



D mounting option



DIMENSIONS MM

Disc	A	B	C	D
DS	473	343	254	381
			102	
DM	635	502	254	590
			102	
Dome				
DS	473	343	254	
			102	
DM	635	502	254	
			102	

photometry
316

lamps
330

mounting
195



A mounting option



F mounting option

ORDER CODES							
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MAGNUDISC CODE							
Model	Style	Mounting	Lamp	Housing Construction	Distribution Pattern	Colours (quote digit twice)	Options
			MBI=H SON=S			 	
DS 175W max.	D 	A 	175H	1 	I	1 Bronze 1	PC Photocell
DM 400W max.	F 	D 	250H	2 	P	2 Black 2	
		F 	400H	<i>Luminous top option available for DS series only.</i>	T	3 Grey 3	
		G 	70S		W	4 White 4	
		K 	100S			5 Nat. Alum N/A	
			150S			6 Beige 6	
			250S			7 Forest Green 7	
			400S			8 Terracotta 8	
						9 Teal 9	
						B Blue B	
						R Red R	
						G Golden Rod G	
						M Mauve M	

EXAMPLE

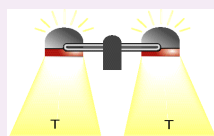
Using the bold suffixes from each column the following Magnudisc was specified:~

DSDG175H2TR2

Magnudisc (475mm dia.) with dome shape mounted on twin horizontal spokes, fitted with 175W Metal Halide lamp

Housing incorporates luminous top and forward throw type T cut off reflector

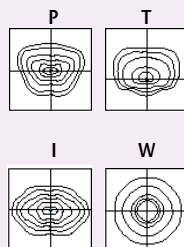
Housing is finished in Red (colour R), spokes are finished in Black (colour 2)



2 x 175W MBI

Colour of spoke assembly should be selected to match housing colour or be black.

DISTRIBUTION PATTERNS

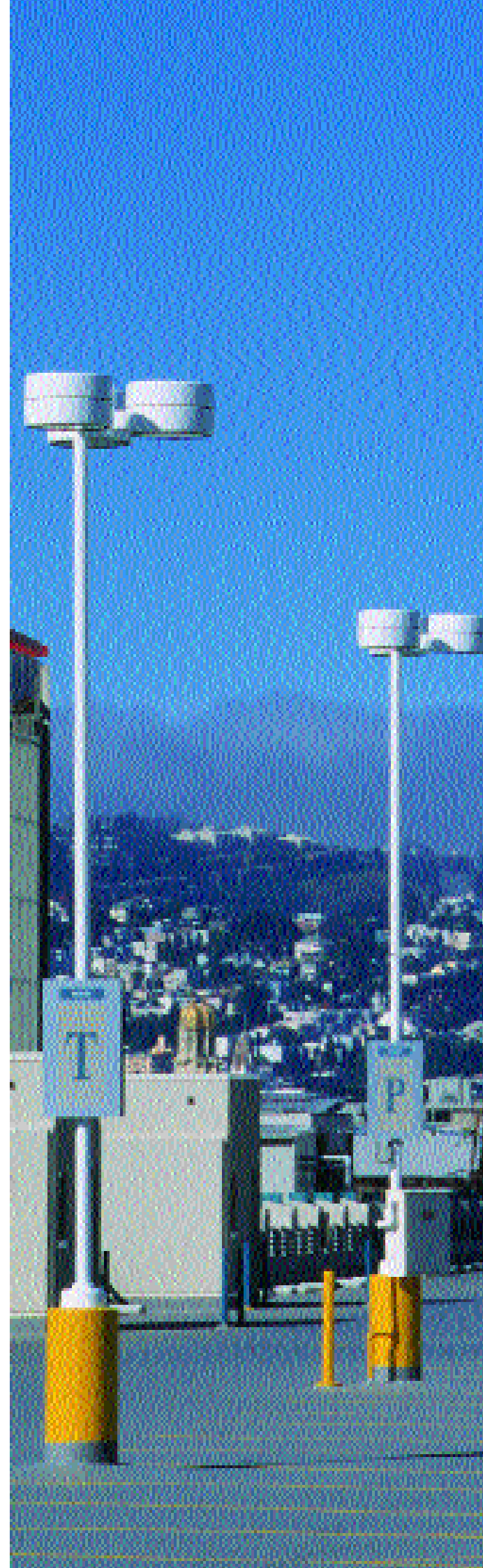


NOTE

Spoke mounted versions are supplied complete with spokes and cylindrical head for attaching to column

Arm mounted versions are supplied with arm suitable for square section columns

Adapters to suit round columns are available separately



Magnuspec

MAGNUSPEC MSL, MSQ & MSS



Magnuspec MSQ



Magnuspec MSL

The Magnuspec family offers distinctive styling and brilliant performance.

Whether the application involves pedestrian areas, parks or building perimeters, the diverse array of optical systems can be trusted to consistently provide the desired solution.

Magnuspec is available in three housing sizes, MSL, MSQ and MSS, each offering a selection of highly efficient distribution patterns with alternative mounting methods to suit diverse lighting requirements.

Genuine application flexibility is afforded by the Magnuspec family being equally at home illuminating large open spaces from tall columns, pathways from posts or the inside of covered areas from wall or ceiling.

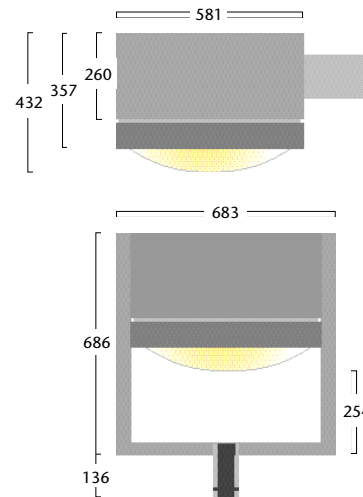
Benefits include:~

- Consistent visual solution is ensured through the variety of optical arrangements, housing sizes and mounting possibilities.
- Architectural design is enhanced by the Magnuspec styling and colour selections by day and its excellent performance at night.
- A total lighting solution can be satisfied from the minimum number of mounting points due to the ability to rotate optics within the housing further enhancing project styling.
- Light spillage and pollution are eliminated by the computer designed optical systems.
- Minimum numbers of columns are necessary due to the wide spacing capability when utilising the Magnuspec dished glass optical systems.
- Replacement of lamps is made simple and quick by means of toolless spring loaded catches on the glass lens assembly.

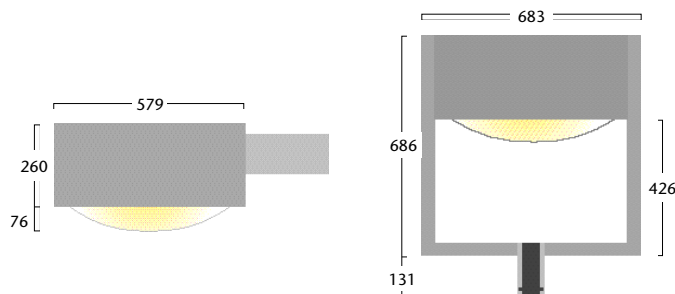
SPECIFICATION

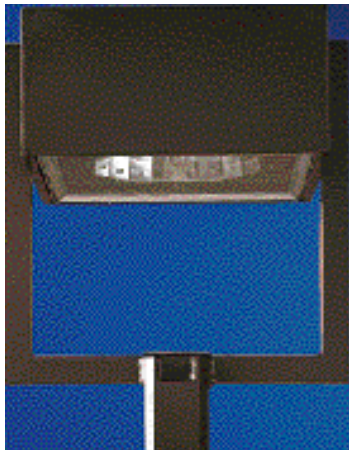
- Corrosion resistant aluminium housing exterior quality polyester powder paint finish.
- Computer designed multi-faceted segmented optics with removable, rotatable reflector assembly for versatility and ease of maintenance.
- Tool less hinged glazing bezel with integrated extruded seal.
- Toughened glass or impact resistant polycarbonate front visor.
- IP55 protection.

MSL



MSQ

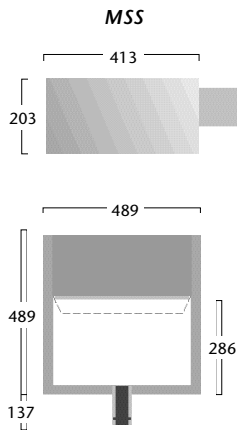




Magnuspec MSS

OPTIONS

- Bronze polyester powder coat as standard. To special order, optional mounting / housing colour combinations of black, white, grey, beige, forest green, terra cotta, teal, blue, golden rod or mauve.
- Contrasting racing trim piece inset between MSL upper housing and reflector for enhanced appearance and interest.
- Arm or yoke mounting for MSL. Additional ceiling mounting for MSQ; ceiling, or stirrup suspension for MSS.
- For high light levels, multiple arm assemblies may be mounted on a single column.
- Integral photocell control.
- Dished glass lens (MSL/MSQ).
- Polycarbonate or acrylic prismatic lens for MSS.



NOTE

For A versions ~ arm should be ordered separately ~ see section on mounting

ORDER CODES							
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MAGNUSPEC CODE							
Model	Mounting			Lamp	Distribution Pattern	Housing & Mounting Colours	Options
	MSL	MSQ	MSS	MBI=H SON=5		(quote digit twice)	
MSL 1000W max.	A			0175H	VI	1 Bronze 1	PC Photocell
MSQ 400W max.	Y			0250H	VP	2 Black 2	
MSS 175W max.	C			0400H	VT	3 Grey 3	
<i>Standard lenses</i> <i>MSL Dished lens</i> <i>MSQ Dished lens</i> <i>MSS Flat lens</i>	G			1000H	VW	4 White 4	
				0070S	A	6 Beige 6	
				0100S	L	7 Forest Green 7	
				0150S	<i>MSS Only</i> <i>A = Acrylic</i> <i>L = Poly-carbonate dished lens</i>	8 Terracotta 8	
				0250S		9 Teal 9	
				0400S		B Blue B	
				0600S		R Red R	
						G Golden Rod G	
						M Mauve M	

EXAMPLE

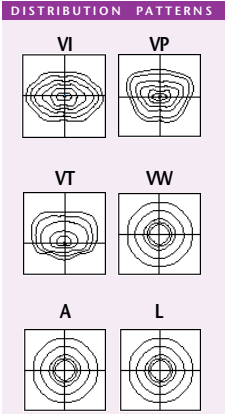
Using the bold suffixes from each column the following Magnuspec was specified:-

MSLA1000HVT4

Magnuspec (large) with dished lens and arm mounting adapter equipped with 1000W Metal Halide lamp.

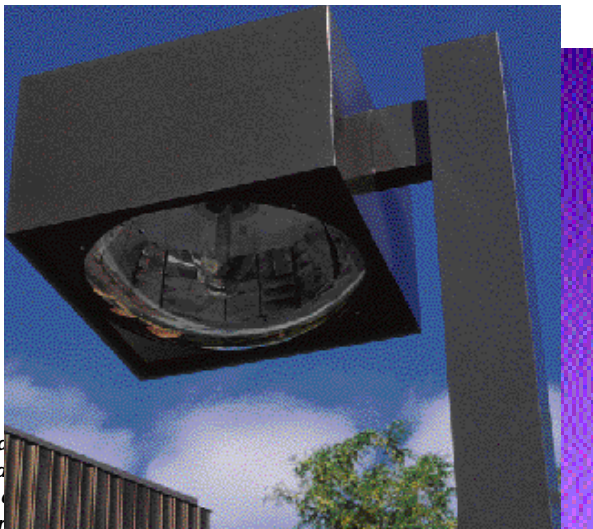
Housing incorporates forward throw type VT cut off reflector with vertical lamp position.

Housing and arm are finished in white (colour 4).



Magnusquare

The Magnusquare family is a range of lighting products that meet the requirements of open spaces. The square form, the selection of mounting options and the array of light distribution patterns allow maximum design flexibility whilst maintaining the continuity of an overall theme.



Benefits include:~

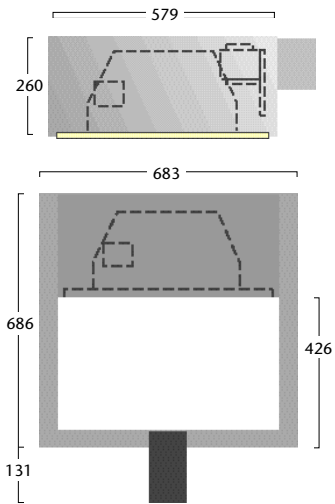
- Geometric style integrates easily into architectural design.
- A consistent visual theme can be achieved through the variety of mounting options.
- Light pollution is avoided by the precisely designed optical systems and the ability to rotate the reflector system.
- Arm mount allows multiple luminaires to be mounted on a single column for highest cost efficiency.
- Toolless access via glass lens assembly for easy lamp change.

SPECIFICATION

- Corrosion resistant aluminium housing.
- Exterior quality polyester powder paint finish.
- Hydro-formed reflector or dished refractor system.
- Tool less hinged glazing bezel with integrated extruded seal.
- Toughened glass or impact resistant polycarbonate front visor.
- Removable optic assembly for ease of maintenance.
- IP55 protection.

OPTIONS

- Bronze polyester powder coat as standard. To special order black, white or grey.
- Arm, yoke or ceiling mounted.
- Integral photo cell control.
- Polycarbonate or acrylic dished prismatic lens.



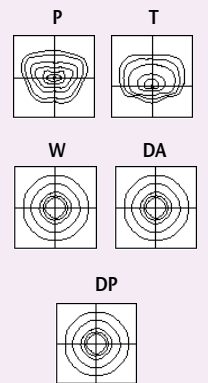
ORDER CODES					
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MAGNUSQUARE CODE					
Model	Mounting	Lamp	Distribution Pattern	House & Mounting Colours	Options
		<i>MBI=H SON=S</i>			
MSM	A	250H	P	1 Bronze	PC Photocell
	Y	400H	T	2 Black	
	C	250S	W	3 Grey	
		400S	DA	4 White	
			DP		

Flat lens standard
Only glass and polycarbonate lens are suitable for use with Metal Halide lamps

Dished lens options

DA = Acrylic
DP = Polycarbonate dished lens

DISTRIBUTION PATTERNS



EXAMPLE

Using the bold suffixes from each column the following Magnusquare was specified:~

MSMY400SDP1PC

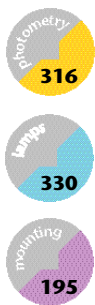
Magnusquare with yoke mounting arrangement fitted with 400W SON lamp

Lens assembly is dished polycarbonate with symmetrical distribution type DP

The housing and yoke are finished in bronze (colour 1)

NOTE

For A versions ~ arm should be ordered separately ~ see section on mounting



Magnuform

Magnuform offers an aesthetically styled rectangular housing enclosing optical systems which eliminate light pollution and control spillage.

Benefits include:-

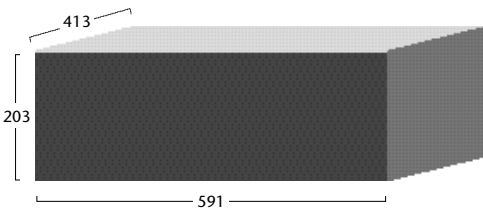
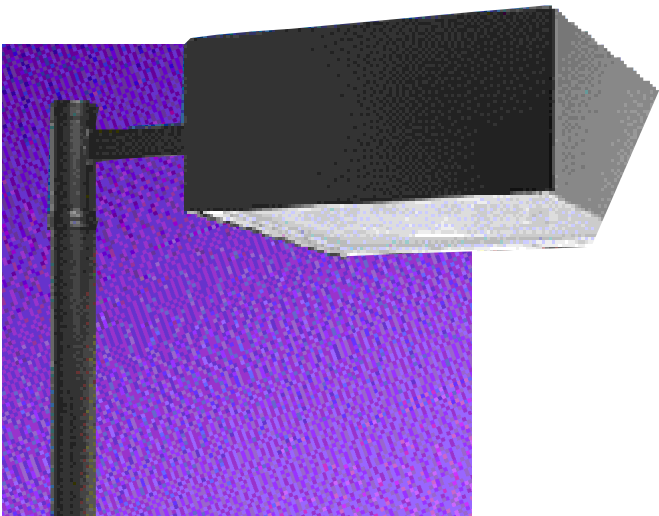
- Rectangular style lends itself to many architectural designs.
- Precisely engineered optical systems control light spillage and avoid light pollution.
- Arm mount allows multiple luminaires to be mounted on a single column for highest cost efficiency.
- Toolless access via glass lens assembly for easy lamp change.

OPTIONS

- Bronze polyester powder coat as standard. To special order black, white or grey.
- Integral photocell control.

SPECIFICATION

- Corrosion resistant aluminium housing.
- Exterior quality polyester powder paint finish.
- Hydro-formed reflector system.
- Toolless hinged glazing bezel with integrated extruded seal.
- Toughened glass front visor.
- Hinged removable gear tray for ease of maintenance.
- IP55 protection.



ORDER CODES					
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MAGNUFORM CODE					
Model	Mounting	Lamp	Distribution Pattern	House and Mounting Colours	Options
		<i>MBI=H SON=S</i>			
RCS 400W max.	A	250H	P	1 Bronze	PC Photocell
		400H	T	2 Black	
		100S		3 Grey	
		150S		4 White	
		250S			
		400S			

NOTE

For A versions ~ arm should be ordered separately ~ see section on mounting

EXAMPLE

Using the bold suffixes from each column the following Magnusquare was specified:-

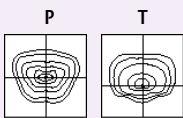
RCSA250HT1

Magnuform with arm mounting arrangement fitted with 250W MBI lamp

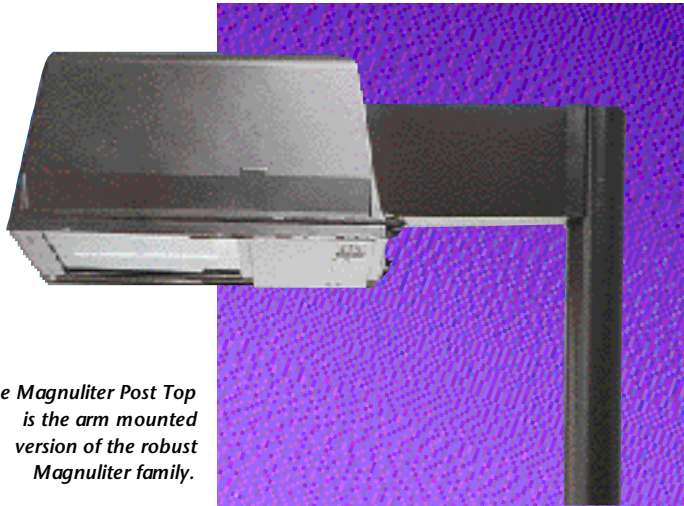
Lens assembly is flat glass with asymmetric distribution type T

The housing and arm are finished in bronze (colour 1)

DISTRIBUTION PATTERNS



Magnuliter Post Top



The Magnuliter Post Top is the arm mounted version of the robust Magnuliter family.

The solidly constructed body houses perfectly optimised optics which combine to produce an excellent lighting solution with outstanding durability.

With alternative light distribution patterns and finishes, the Magnuliter Post Top is an obvious choice for many architectural applications.

Benefits include:~

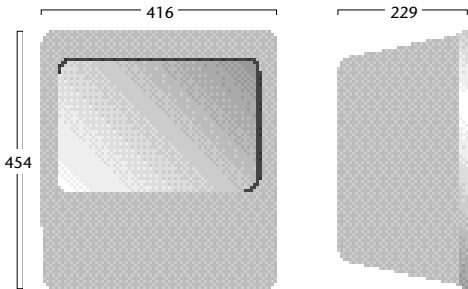
- Rectangular style and robust construction are perfect for many architectural designs.
- Optimised optical systems control light spillage and avoid light pollution.
- Arm mount allows multiple luminaires to be mounted on a single column for highest cost efficiency.

SPECIFICATION

- Corrosion resistant die cast aluminium housing finished in bronze polyester powder paint.
- Fabricated steel mounting arm with extruded aluminium rectangular section sleeve.
- Hinged die cast aluminium glazing bezel with sealed toughened glass front.
- Hinged front cover allows access to control gear compartment.
- IP65 protection.
- Arm is included as standard.

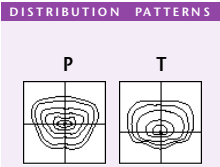
OPTIONS

- Bronze polyester powder coat as standard.
To special order ~ grey.
- Integral photocell control.



ORDER CODES					
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MAGNULITER CODE					
Model	Mounting	Lamp	Distribution Pattern	House & Mounting Colours	Options
		<i>MBI=H SON=S</i>			
MV 400W max.	A	250H	A	1 Bronze	PC Photocell
		400H	F	3 Grey	
		150S			
		250S			
		400S			

EXAMPLE
Using the bold suffixes from each column the following Magnuliter Post Top was specified:~
MVA250HA1
Magnuliter Post Top with arm mounting arrangement fitted with 250W MBI lamp
Lens assembly is flat glass with general area distribution type A
The housing and arm are finished in bronze (colour 1)



Visionary 2310 & 2020

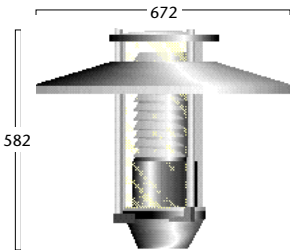
Visionary 2310 and Visionary 2020 have 'up to the minute' styling and intrinsic architectural appeal.

The designs would compliment any structure or landscape adding emphasis and texture whether indoor or outdoor. The post top lantern design provides for multiple mounting arrays to further enhance the lit environment.



VISIONARY 2310

VISIONARY 2020



The Visionary 2310 and Visionary 2020 will appeal to the discriminating designer who is conscious of the issues of surrounding outdoor lighting.

By careful design, light pollution is eliminated whilst efficient light sources are employed to great effect.

Benefits include:-

- Landscape and architecture are accentuated by the distinct styling.
- Light pollution is avoided by the attractively designed optics.
- A consistent visual solution from the exterior landscape through to the interior structure is assured by the available selection of light sources.
- Post top mount allows multiple luminaires to be mounted at a single location to further enhance and emphasise the lit environment.
- GRP Canopy and 'O' ring seal ensure long life and minimum maintenance requirements.

SPECIFICATION 2310

- Post top 76mm spigot mounting with hexagonal head socket screw fix.
- Glass reinforced polyester top and canopy.
- Tough polycarbonate cylindrical housing.
- Die cast aluminium base with steel assembly rods.
- Removable top cover for lamp change.
- Internal louvre system and combined control gear compartment.
- Black polyester powder paint finish.
- IP65 protection.

EXAMPLE

Using the bold suffixes from each column the following Visionary 2310 was specified:-

V23100085Q

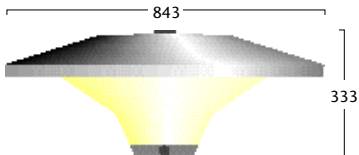
Visionary 2310 post top lantern housing manufactured in GRP with clear polycarbonate cover and integral louvre system

Luminaire is fitted with 1 x QL85 long life HF discharge lamp

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A VISIONARY CODE

Model	Lamp
	QL=Q SON=S TCL=F
V2310	0050S
	0070S
	0085Q V2310 only
	1024F V2020 only
V2020	2024F V2310 only
	



SPECIFICATION 2020

- Die cast aluminium base for 76mm spigot mounting as standard with hexagonal head socket screw fix.
- Glass reinforced polyester top and canopy.
- Tough polycarbonate diffuser housing with attractive ice finish.
- Die cast knurled hub for tool less entry to lamp/reflector compartment.
- Removable top cover and hinged reflector system for ease of maintenance.
- Black polyester powder paint finish.
- IP65 protection.



Visionary 2010 & 2000

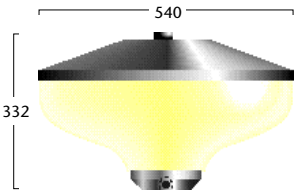
Visionary 2010 and Visionary 2000 have distinctive form and genuine appeal. They have been specifically designed for illuminating public spaces and pedestrianised areas surrounding convention centres, exhibition halls or business parks.



Visionary 2010



Visionary 2000



Whether lighting alongside vehicle routes or pedestrian walkways, attractive appearance and dependable performance make the Visionary 2010 and Visionary 2000 exemplary choices.

Benefits include:~

- Simple pleasant styling integrates easily with any landscape or architecture.
- Attractively designed optics with asymmetric light distribution maximise column spacing and avoid light pollution.
- Tough moulded polycarbonate housing with appealing ice finish provides vandal resistance whilst being aesthetically pleasing.

SPECIFICATION

- Die cast aluminium base for 76mm spigot mounting as standard with hexagonal head socket screw fix.
- Glass reinforced polyester canopy.
- Tough polycarbonate diffuser housing with attractive ice finish.
- Die cast knurled hub for tool less entry to lamp/ reflector compartment.
- Removable top cover and hinged reflector system for ease of maintenance.
- Black polyester powder paint finish.
- IP65 protection.

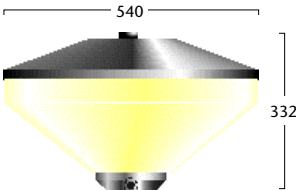
OPTIONS

- Alternative high pressure sodium or fluorescent light sources.
- Integral photocell control.
- Alternative 60mm spigot for post top mounting.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A VISIONARY CODE

Model	Lamp	Distribution Pattern
	SON=S TCL=F	
V2010	0050S	A
	0070S	
	1018F	S
V2000	2018F	
	1036F	
	2036F	



EXAMPLE

Using the bold suffixes from each column the following Visionary 2010 was specified:~

V20102036FS

Visionary 2010 post top lantern housing manufactured in GRP with Ice finish polycarbonate bowl and fitted with 2 x 36W TCL compact fluorescent lamps

Visionary 2015

The Visionary 2015 has a smooth modern styling with pleasing appearance.

The Visionary 2015 comes into its own when illuminating open areas alongside buildings, vehicle routes or pedestrian walkways where light spillage is to be avoided and the number of mounting positions needs to be kept to a minimum.

Reliable performance and simple styling combine to make Visionary 2015 a natural selection for the discerning designer.

Benefits include:~

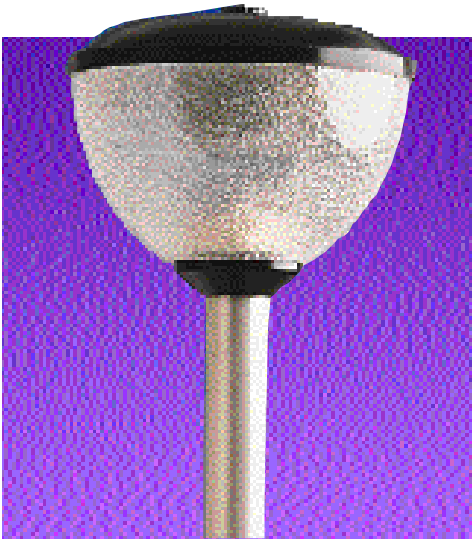
- Simple integration into the architectural landscape.
- Aesthetically pleasing moulded polycarbonate housing with interesting ice finish provides enhanced visual effect and tough vandal resistance.
- Asymmetric light distribution maximises column spacing and avoids unwanted light spillage.

SPECIFICATION

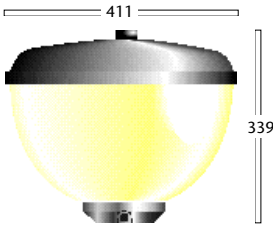
- Die cast aluminium base for 76mm spigot mounting with hexagonal head socket screw fix.
- Glass reinforced polyester canopy.
- Tough polycarbonate diffuser housing with attractive ice finish.
- Die cast knurled hub for tool less entry to lamp/reflector compartment.
- Asymmetric reflector for maximum spacing of side lighting applications.
- Removable top cover and hinged reflector system for ease of maintenance.
- Black polyester powder paint finish.
- IP65 protection.

OPTIONS

- Alternative opal bowl.
- Alternative high pressure sodium or fluorescent lamp sources.
- Integral photocell control.



ORDER CODES		
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A VISIONARY CODE		
Model	Lamp	Distribution Pattern
	QL=Q SON=S TCL=F	
	0050S	A
	0070S	
	1018F	S
	2018F	
	1024F	
	2024F	



EXAMPLE

Using the bold suffixes from each column the following Visionary 2015 was specified:~

V20152018FS

Visionary 2015 post top lantern housing manufactured in GRP with Ice finish polycarbonate bowl and fitted with 2 x 18W TCL compact fluorescent lamps



Altair

A popular choice for public amenities, shopping centres or office complexes, Altair is universally employed indoor as well as outdoor to provide tasteful essential light and visual interest.



Where light pollution is to be avoided, the covered top style comes into its own.

For interior malls or concourses, the clear style with integral louvred reflector or the simple opal style provide essential upward light adding depth and contrast to the scene.

Benefits include:~

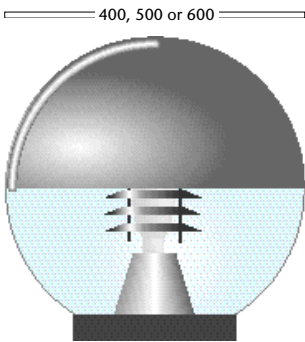
- Simple globe shape can be universally integrated into the structural form.
- Moulded polycarbonate housing provides good vandal resistance.
- Covered top version avoids light pollution.

SPECIFICATION

- 60mm spigot mounting with hexagonal head socket screw fix.
- UV resistant acrylic or vandal resistant polycarbonate bowl options.
- Integral gear unit with louvre, refractor or plain lamp options.
- IP45 protection.

OPTIONS

- Alternative acrylic bowl.
- Wall mounting is possible by means of arms and wall adapters.
- Alternative high pressure sodium, metal halide or fluorescent light sources.
- Alternative covered, clear and opal tops.



ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP AN ALTAIR CODE

Model	Reflector Type	Diameter	Lamp	Cover Material	Cover Type and Finish
			<i>MBI=H SON=S MBI=M</i>		
PN	GO	4 (400mm) 70W max	070H	PNA (Acrylic)	CO
		5 (500mm) 150W max	100H	PNP (Polycarbonate)	
		6 (600mm) 150W max	150H		Clear open top
	GR		050M		OO
			080M		Opal open top
			125M		
	GL		050S		CC
			070S		
			150S		Clear covered top

EXAMPLE

Using the bold suffixes from each column the following Altair was specified:~

PNGL6150SPNPCC

Altair with louvred optic assembly in 600mm diameter size fitted with 150W SON lamp

The sphere is made from clear polycarbonate and provided with an anti-light polluting covered top



319



330



195

Broadwalk

Providing a feeling of comfort and security as well as an attractive effect along pathways or perimeters is where Broadwalk excels.

Its clean appealing styling adds to the appearance of both landscape and structure by day and by night.

Coupled with a number of light sources, the black textured exterior finish and white aluminium louvre system make Broadwalk a distinctive selection whether enhancing the architectural design or increasing security are the primary requirements.

Benefits include:-

- Attractive styling and appealing finish integrates well with the architectural design.
- The halo of light is controlled by the optical louvre system to illuminate only the required area.
- Sturdy aluminium housing and tough moulded polycarbonate transparent reflector cover provide good vandal resistance.

SPECIFICATION

- corrosion resistant aluminium housing with polycarbonate lamp module.
- Internal louvred optic assembly.
- Textured black polyester powder paint finish.
- Plated zinc coated steel mounting plate for grouting into concrete.
- Simple assembly to mounting plate via hexagonal socket head screws.
- Detachable head for access to lamp and control gear compartment.
- IP44 protection.

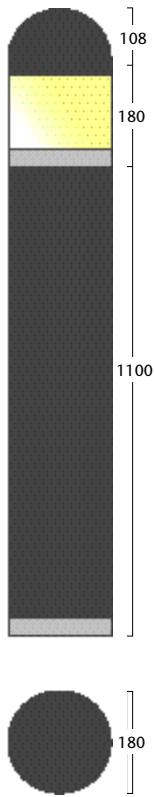
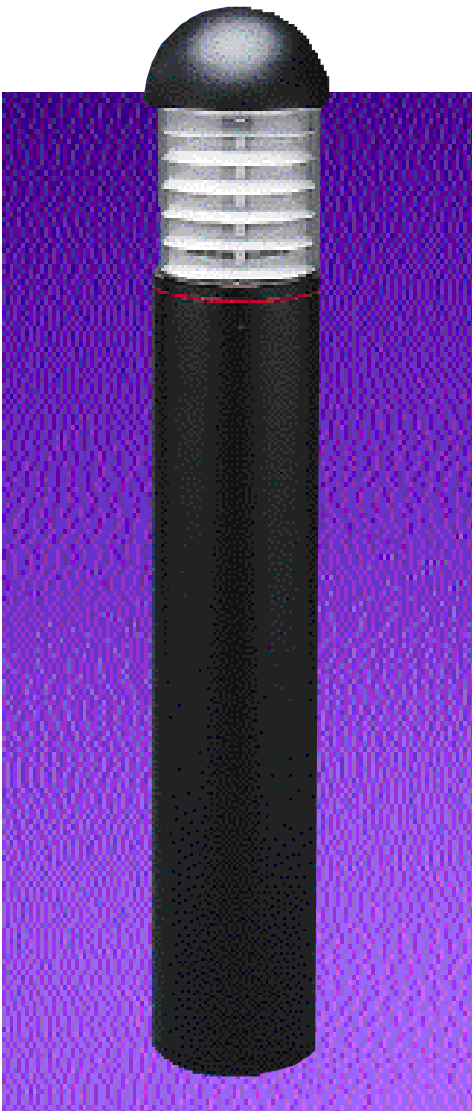
OPTIONS

- Alternative high pressure sodium or mercury light sources.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A BROADWALK CODE

Model	Lamp	Distribution Pattern
	<i>MBF=M SON=S</i>	
BML	050M	
	050S	
	070S	



EXAMPLE

Using the bold suffixes from each column the following Broadwalk was specified:-

BML070S

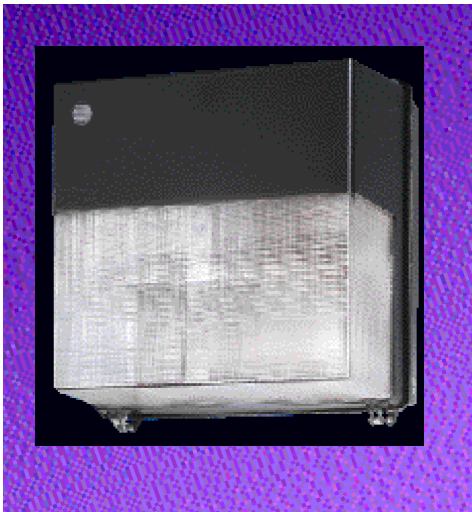
Broadwalk with louvred optic assembly fitted with 70W SON lamp



Perimaliter

Building perimeters and open spaces such as open air car parks can be intimidating at night.

Perimaliter was purposely designed to overcome this feeling by providing a comforting level of illumination with a wide distribution for exactly these locations.



Architecturally styled with an attractive permanent bronze finish, Perimaliter will fit in with any space or structure.

The ability to mount on a wall or back to back on a column, along with the wide spacing delivered by the precision engineered refractor system, combine to produce a versatile lighting solution with real application flexibility.

Perimaliter is available with a number of alternative light sources and optional mounting accessories.

Benefits include:~

- Pleasing styling and permanent bronze finish enhance appearance by day and night.
- Precision optics provide low glare and wide distribution enabling use in open spaces and car parks for essential and security lighting without dazzle.
- Tough moulded polycarbonate body and refractor provide good vandal resistance.

SPECIFICATION

- Corrosion resistant aluminium housing with polycarbonate moulded front cover.
- Hinged front cover for ease of lamp change.
- Through wiring compartment and side cable entries.
- Bronze polyester powder paint finish for housing with moulded in finish on cover.
- Computer designed prismatic refractor for optimum glare free light distribution.
- IP55 protection.

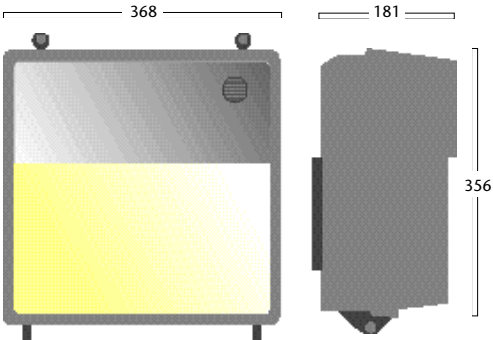
OPTIONS

- Alternative high pressure sodium or mercury light sources.
- For a selection of adapters and mounting accessories please see page 195.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A PERMALITER CODE

Model	Lamp	Options	Distribution Pattern
	SON=S MBF=M MBI=H		
PVL	0070S	PC Photocell	
	0100S		
	0150S		
	0150H		
	0080M		
	0125M		



EXAMPLE

Using the bold suffixes from each column the following Perimaliter was specified:~

PVL0100SPC

Perimaliter with controlled cut-off refractor fitted with 100W high pressure sodium lamp and complete with integral photocell control

photometry
319

lamps
330

mounting
195

Perimashield

Perimashield was designed to provide lighting for narrow walkways adjacent to buildings or enclosed by walls and building perimeters surrounded by open spaces.

The wide beam distribution enables Perimashield to provide uniform illumination over a wide area ensuring that the feeling of comfort and safety is maximised whilst utilising light and energy efficiently.

Consideration of light pollution however is not forgotten and Perimashield has an adjustable cut-off angle to ensure this is avoided.

Perimashield is available with a number of alternative light sources and optional mounting accessories, making it a dependable selection with genuine flexibility.

Benefits include:-

- Permanent bronze finish and pleasant styling fit well with any structural form and finish.
- Tough moulded polycarbonate body and refractor provide good vandal resistance.
- Wide distribution with controlled cut-off which is essential for applications involving security in the vicinity of buildings.

SPECIFICATION

- Corrosion resistant aluminium housing with polycarbonate moulded front cover.
- Hinged front cover for ease of lamp change.
- Through wiring compartment and side cable entries.
- Bronze polyester powder paint finish for housing with moulded in finish on cover.
- Computer designed prismatic refractor for optimum glare free light distribution.
- IP55 protection.

OPTIONS

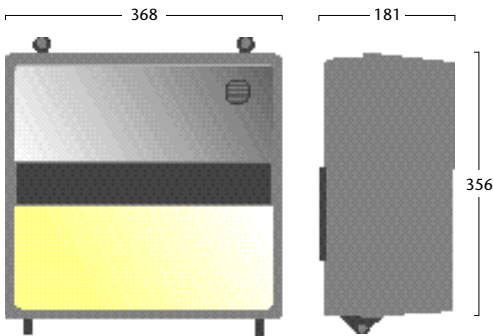
- Alternative high pressure sodium or metal halide light sources.
- For a selection of adapters and mounting accessories please see page 195.



ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A PERMALITER CODE

Model	Lamp	Options	Distribution Pattern
	SON=S MBI=H		
PRS	0070S	PC Photocell	
	0100S		
	0150S		
	0150H		



EXAMPLE

Using the bold suffixes from each column the following Perimashield was specified:-

PRS0100SPC

Perimashield with variable cut-off visor fitted with 100W high pressure sodium lamp and complete with integral photocell control



NRG300 Perimalux

Perimalux is an unobtrusive and highly effective solution to providing a welcoming feel in and around architectural structures.



The compact design incorporates a precision engineered refractor system which provides a wide light distribution with low glare making it a perfect choice for applications such as covered walkways or passages where security at night is of concern.

Perimalux is available with a variety of light sources including compact fluorescent which allow it to be employed for local lighting adjacent to entrances, along walls or passages within a structure, or area lighting around a building perimeter.

Benefits include:~

- Permanent moulded in bronze finish and pleasant styling fit well with any structural form and finish.
- Tough moulded polycarbonate body and refractor provide good vandal resistance.
- Wide light distribution ensures efficient use of light without unpleasant glare.

SPECIFICATION

- Corrosion resistant polycarbonate housing and refractor.
- Cast aluminium base for 70W versions.
- Computer designed low glare refractor.
- IP44 protection.

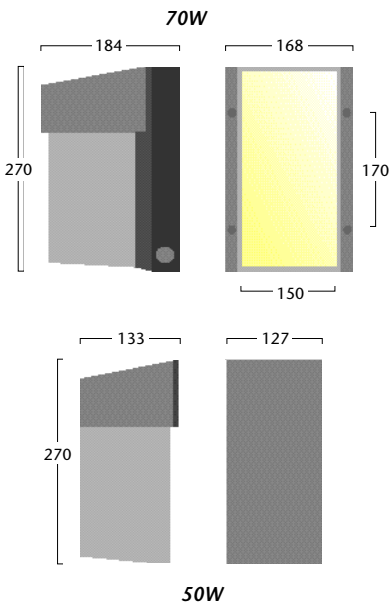
OPTIONS

- Alternative high pressure sodium, mercury or compact fluorescent light sources.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A PERMALITER CODE

Model	Lamp	Options	Distribution Pattern
	SON=S MBF=M TLC=F		
NRG3	050S	PC Photocell	
	070S		
	050M		
	013F		
	026F		



EXAMPLE

Using the bold suffixes from each column the following Perimaliter was specified:~

NRG3070S

Perimalux (NRG300) with controlled cut-off refractor fitted with 70W high pressure sodium lamp

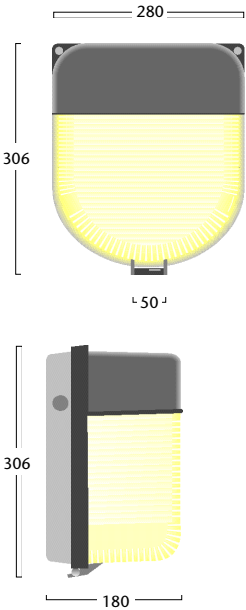
NOTES

Photocell is available for 50W maximum



Custodian

Typical applications for Custodian luminaires include ~ subways, multi storey car parks, walkways, corridors, building perimeters, shopping precincts, car parks, industrial areas and tunnels.



Custodian is a range of low energy security luminaires offering contemporary design with high performance optics. A choice of long-life lamps gives optional light quality combined with extremely low maintenance costs.

OPTICS

A computer-designed prismatic refractor controls the light output from Custodian in a precise pattern. It reduces brightness, glare and upward light pollution while concentrating the light output downwards, sideways, and forwards. This enables wide spacing of luminaires while maintaining a uniform light distribution.

The precisely designed prisms spread the light sideways enabling extremely wide spacings between luminaires whilst still achieving uniformity.

INSTALLATION AND MOUNTING

Direct mounting to either walls or ceilings. Three cable entry points are provided (either side and back) for simple installation and through wiring. A cable entry gland is supplied with the luminaire.

EMERGENCY LIGHTING

Maintained emergency lighting is offered with the 2D versions and these have integral battery packs: no additional wiring or installation work is required.

SPECIFICATION

- Choice of economic lamp types ~
70W SON-E
80W HQL
28W, 38W 2D
- Injection-moulded polycarbonate cover and GRP back.
- IP65 dust and jet proof.
- Integral control gear and batteries on emergency versions.
- Integral photocell option.
- Prismatic refractor ~ injection moulded UV stabilised polycarbonate.
- Prismatic reflector ~ white pre-painted sheet steel.

ORDER CODES

C70S	70W SON-E
C80M	80W MBF
C282D	28W 2D
C382D	38W 2D

OPTIONS

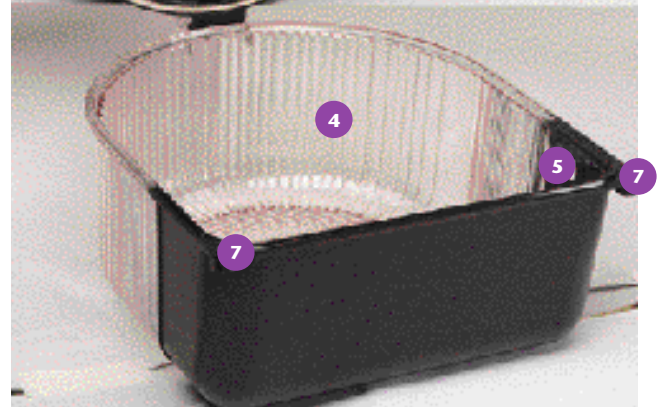
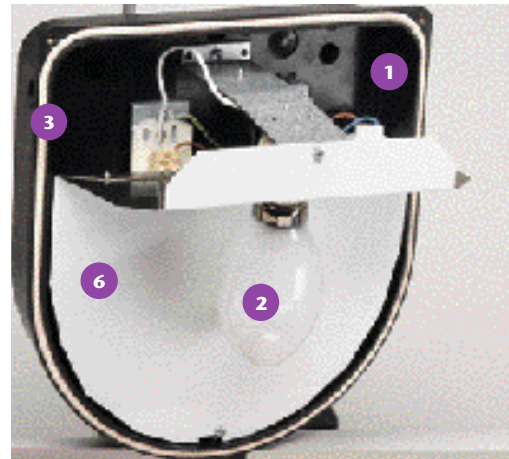
Photocell add suffix to order code:~
P Photocell

Spares and accessories please order separately:~
CC Replacement cover
CP Replacement photocell

EMERGENCY CODE

Add suffix after C in order code:~

E Emergency version
(only available for luminaires with 2D lamps)

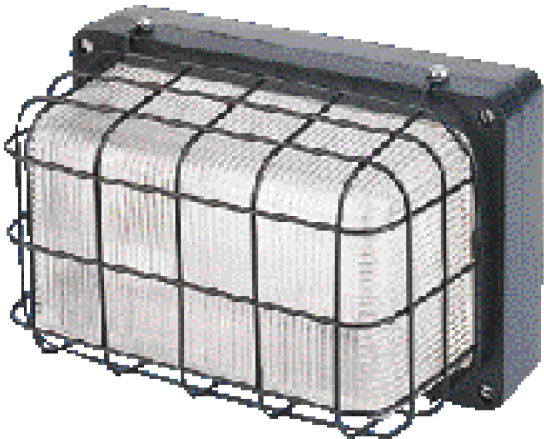
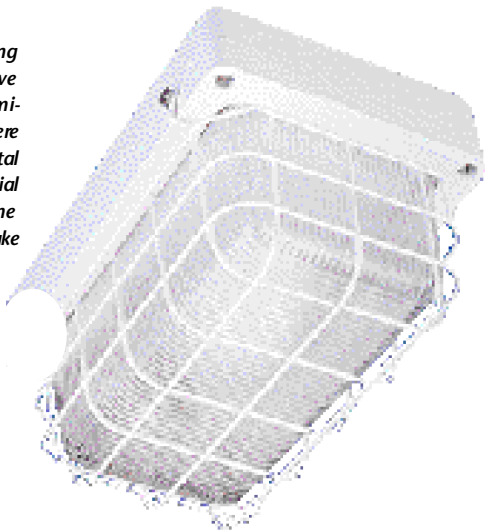


- GRP body
- 70W SON-E lamp
- Gasket providing IP65 protection
- Injection moulded, UV stabilised polycarbonate, prismatic refractor
- Photocell window
- Aluminium reflector
- 2 x fixing screws



Steadfast

Almost any building project today will have an exposed or semi-exposed area where harsh environmental conditions or potential vandalism constrain the designer to make toughness and robustness the key selection criteria.



STW0070S

Recognising this, the Steadfast bulkhead can be specified with confidence.

It is one of the toughest designs available and yet still incorporates pleasing lines to enable its use in public areas.

Benefits include:~

- Resistant to vandalism and rough treatment.
- Weather and corrosion resistant.
- Clean lines give aesthetic appeal.
- Economy in operation through the use of low wattage HID lamps.

SPECIFICATION

- High pressure die cast corrosion resistant aluminium housing.
- Borosilicate prismatic glass.
- Detachable steel wire guard.
- Exterior quality polyester powder coated paint finish on housing and wire guard.
- Double hull design for maximum weather protection.
- Highly durable extruded silicon seal for reliable lifetime performance.
- IP66 protection.

STB0070S

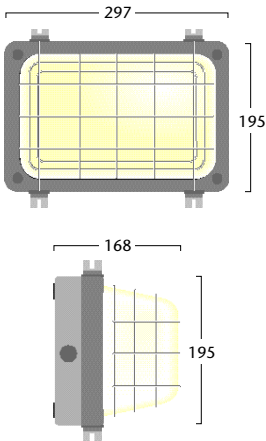
OPTIONS

- Finished in white or matt black.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A STEADFAST CODE

Model	Housing Colours	Lamp
		SON=S MBF=M GLS=G MBI=H
ST	B Black	0050S
	W White	0070S
		0050M
		0080M
		0200G
		0070H



EXAMPLE

Using the bold suffixes from each column the following Steadfast was specified:~

STB0070S

Steadfast high pressure die cast aluminium security luminaire with body and wire guard finished in black
Lamp type 70W SON

Nightwatch 18 & IP65 G-Line

Typical uses include ~
cold stores, alleyways,
porches, schools,
building sites and farms.

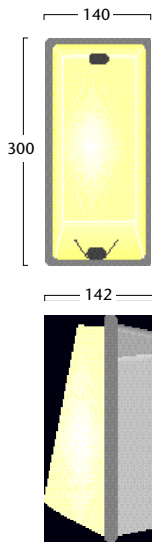


NW18



GLN/HFG/2D28

Surface mounted
luminaire for interior
or exterior applications,
where a high degree
of ingress protection
is required.



SPECIFICATION

- Durable construction with tamper-proof screws.
- Vandal resistant.
- IP65: dust tight and jet proof.
- Ideal security luminaire for hostile environments.
- Plug and socket system ~ quick and easy installation.
- Supplied with highly-efficient 18W SOX lamp
Lowest possible running costs.
- Suitable for use with photo-electric cell ~
Dusk/dawn operation increases energy savings.
- Precision-moulded polycarbonate body in brown/black.
- Gear tray/reflector ~ 1mm steel, high-gloss white.
- Cover ~ opal polycarbonate.

ORDER CODE

NW18 18W SOX

OPTIONS

Attachments *please order separately:~*

F643BKT Optional mounting bracket

F643CEL Photo-electric cell

Replacement parts *please order separately:~*

NW18CV Polycarbonate cover

SPECIFICATION

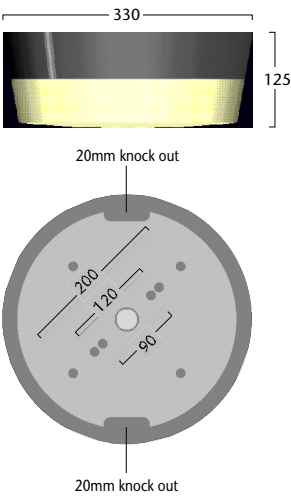
- Uses energy saving benefits of high efficiency 2D compact source lamps.
- Stylish circular body for ceiling or wall mounting.
- White ABS base and prismatic polycarbonate diffuser.
- Sealed to IP65 with closed cell neoprene gasket.
- Lamps included.
- High Frequency gear as standard.
- Available in 28W mains or emergency options.

ORDER CODES

GLN/HFG/2D28 1 x 28W 2D

EMERGENCY CODE

EM45IN 3 hour emergency



FEATURES

18W SOX

Circuit current* A	0.35
Starting current A	0.5
Circuit watts	27
Anti-surge fuse A	0.63
Weight Kg	2.4
Ta	-20 to +40°C

Class1 (must be earthed)

*Uncorrected circuit



Lightwatt

In any situation where glare needs to be avoided and where dangerous shadows contribute to a difficult lighting task, Lightwatt excels.

The purpose designed refractor creates a three dimensional lit environment avoiding a gloomy 'tunnel' appearance whilst providing good vertical illumination which is essential for lighting in confined or obstructed spaces. In addition, light in the critical zone of view is precisely controlled to ensure, for example, that an approaching driver parking garage at night is not distracted by dangerously bright light sources.

Benefits include:~

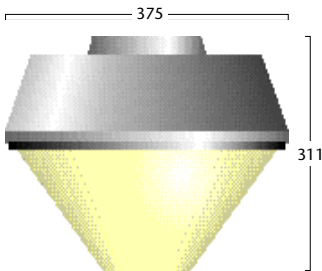
- Effective and efficient lighting is provided by the wide (2.3:1) spacing possibility and precisely engineered optics.
- Avoidance of intimidating shadows and elimination of dangerous glare is ensured by the controlled light distribution.
- Long life and good vandal resistance is provided by the aluminium enclosure and moulded optical assembly.

- SPECIFICATION**
- Spun aluminium housing finished in white epoxy polyester powder paint.
 - Moulded refractor in polycarbonate or acrylic plastic.
 - Precision moulded refractor system to provide maximum spacing, excellent uniformity and good vertical illumination.
 - IP40 (S) and IP54 (C) protection.

- OPTIONS**
- Alternative ceiling or suspension mounting arrangements.
 - Acrylic or polycarbonate refractor.



ORDER CODES				
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A LIGHTWATT CODE				
Model	Refractor Material	Lamp	Mounting Arrangement	Distribution Pattern
		SON=S MBI=H		
HLW	A (Acrylic)	0070S	C	
	P (Polycarbonate)	0150S		
		0070H	S	
		0150H		



EXAMPLE
Using the bold suffixes from each column the following Lightwatt was specified:~

HLWP0150SS
Lightwatt with polycarbonate refractor and fitted with 150W high pressure sodium lamp
The Lightwatt is arranged for suspension mounting

NOTES
Acrylic is recommended for MBI lamps



Lumasquare II

Lumasquare II combines simple styling with superb performance.

Low glare, high optical efficiency and rugged construction feature in this product alongside its simple geometric form.

The cast aluminium housing, particularly when utilised with the polycarbonate refractor, provides good vandal resistance as well as weatherproof performance making Lumasquare II a logical choice for exposed, semi-exposed and interior spaces such as public transportation waiting areas or covered walkways.

Benefits include:~

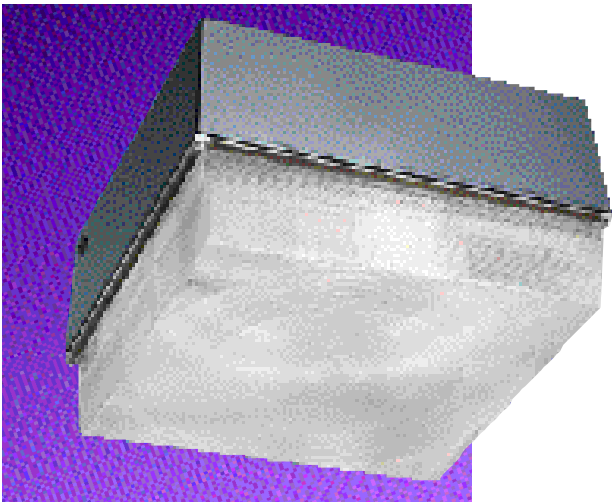
- Even illumination and low glare are provided by the square light distribution pattern.
- Housing and refractor materials provide high corrosion and good vandal resistance.
- Geometric shape can be easily accommodated into most structural designs.

SPECIFICATION

- Die cast corrosion resistant aluminium housing finished in black polyester powder paint.
- Moulded refractor in polycarbonate or acrylic plastic.
- Internal hydroformed multifaceted reflector system.
- Square light distribution pattern.
- Reduced glare.
- IP65 protection.

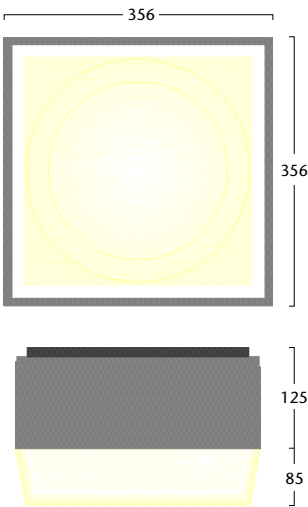
OPTIONS

- Alternative high pressure sodium or metal halide lamp sources.
- Integral photocell control.
- Acrylic or polycarbonate refractor assembly.



ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A LUMASQUARE II CODE				
Model	Refractor Material	Lamp	Options	Distribution Pattern
		SON=S	MBI=H	
LUM	A (Acrylic)	0070S	PC	
	P (Polycarbonate)	0150S	Integral Photocell	
		0070H		
		0150H		



EXAMPLE

Using the bold suffixes from each column the following Lumasquare II was specified:~

LUMP0150SPC

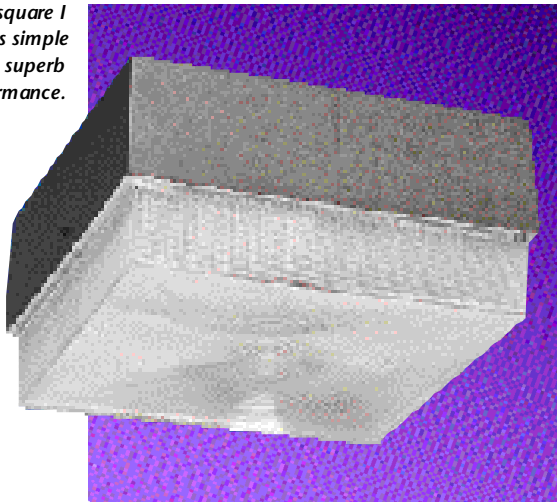
Lumasquare II with polycarbonate refractor and fitted with 150W high pressure sodium lamp

The Lumasquare II is fitted with a photocell



NRG400 Lumasquare I

NRG400 Lumasquare I combines simple styling with superb performance.



NRG400 Lumasquare I is a compact and energy efficient luminaire in moulded polycarbonate intended for confined spaces where either wall or ceiling mounting is required. Its highly uniform and low glare light distribution along with its compact form make Lumasquare I a natural choice for providing lighting in stairwells, storage areas or exterior security lighting beneath covered walkways.

Benefits include:~

- Compact size and square form provide an attractive and unobtrusive lighting solution.
- All plastic construction provides high corrosion and good vandal resistance.
- Moulded in bronze finish provides a durable lifetime appearance.

SPECIFICATION

- Polycarbonate housing in bronze colour.
- Moulded refractor in polycarbonate providing reduced glare.
- Square light distribution pattern.
- IP33 protection.

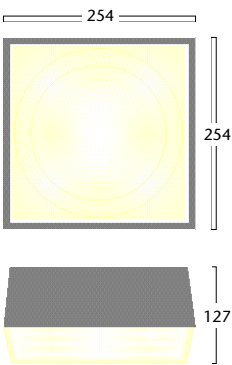
OPTIONS

- Variety of compact fluorescent light sources.
- Tamper proof vandal resistant screws.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A NRG400 LUMASQUARE I CODE

Model	Lamp	Options	Distribution Pattern
	Fluorescent-F		
NRG4	3 × 9W 3009F	VR Vandal resistant screws	
	1 × 26W 1026F		
	2 × 26W 2026F		



EXAMPLE

Using the bold suffixes from each column the following NRG400 Lumasquare I was specified:~

NRG41026F

NRG400 Lumasquare I with polycarbonate refractor fitted with 1 × 26W compact fluorescent lamp



Vigilant

Lighting for safety and security is of increasing importance, particularly in urban projects where the protection of both property and the public is at stake.

The Vigilant lantern provides efficient and economic security lighting in a highly corrosion resistant package.

It comes complete with photocell for additional economy and can be wall or post top mounted to suit any security lighting requirement.

Benefits include:-

- Efficiency and economy.
- Automatic 'dusk to dawn' illumination.
- Tough, vandal resistant construction.
- Fully weatherproof operation.

SPECIFICATION

- Glass reinforced polyester housing in cream finish.
- Moulded polycarbonate cover with stainless steel toggle clamp.
- Hinged steel gear cover finished in white polyester powder paint.
- Integral NEMA socket and photocell supplied as standard.
- Supplied complete with galvanised steel wall mounting bracket.
- IP44 protection.

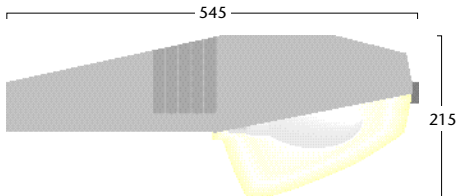
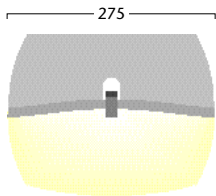
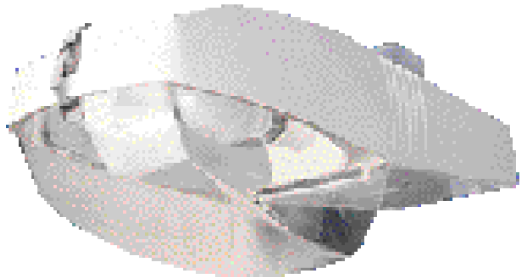
OPTIONS

- 70W or 100W SON.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A VIGILANT CODE

Model	Lamp
	SON=S
VL	70S
	100S



EXAMPLE

Using the bold suffixes from each column the following Vigilant was specified:-

VL100S

Vigilant GRP security luminaire with integral photocell control and 100W SONlamp

The Vigilant is supplied complete with wall mounting bracket

NOTES

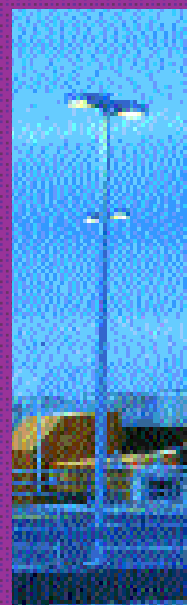
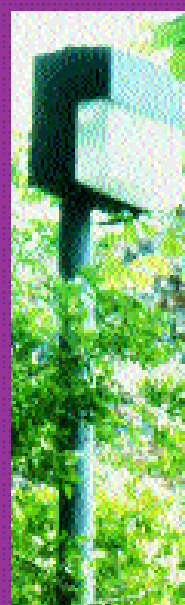
Photocell control is standard on this range





Exterior

To complement the variety of luminaires, Whitecroft Lighting offers a wide range of columns and associated mounting brackets.



mounting accessories

ORDERING INFORMATION

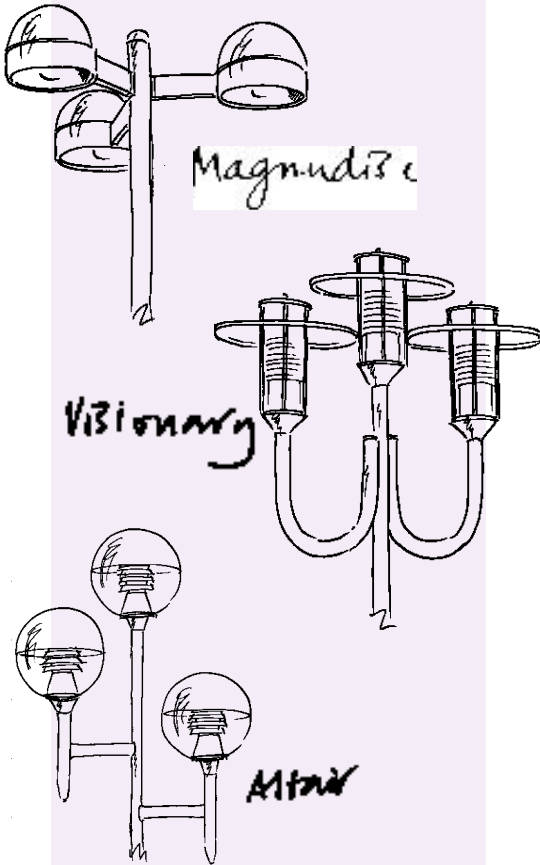
BE READY WITH THE FOLLOWING INFORMATION WITH YOUR ENQUIRY:~

- Required column height
- Type and quantity of luminaires to be installed per column
- Required out reach of luminaire from column centre if applicable
- Root or flange mounting
- Geographical location (to access wind speed K factor)
- Arrangement of bracketry and details of any special requirements

BRACKETRY AND MOUNTING ACCESSORIES

To accompany columns, a range of bracketry can be supplied to allow single or multiple luminaire mounting: please provide an arrangement sketch with your enquiry.

Standard accessories include cross arms, post top adapters and pole clamps.



DESIGN AND INSTALLATION SERVICE

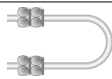
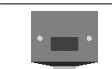
Where a complete service of lighting design, supply and installation is required, Whitecroft Lighting Ltd is happy to discuss any requirement and make arrangements via recognised contractors.

COLUMNS

Standard columns are tubular cross section, root mounting, manufactured in steel to BS 5649 and are available in heights from 3 to 15m. Standard finish is hot dip galvanised with a grey primer coat. Alternative flange mounted versions are supplied with 'square - square' galvanised bolts and a steel location template for grouting directly into a concrete base or plinth.

Other column types such as octagonal section or folding arm are available on request. All columns are supplied with a single overlapping door compartment complete with triangular headed locking facility: a twin door version can be supplied as an option for most columns.

STANDARD ACCESSORIES/MOUNTING BRACKETS

ORDER CODES			
Type	Model	Description	Application
	4440	U bolt clamp ~ 60mm diameter columns	
	4444	U bolt clamp ~ 76mm diameter columns	
	4004	Adapter plate for use with U bolt clamp 4440 & 4444	Microliter
	4090	Protractor type cross arm bracket for vertical trunnion	Miniliter Magnuliter Sportsliter SLR
	4024C	Post top adaptor ~ trunnion mounted luminaires	Miniliter Magnuliter Sportsliter SLR
	4041	Wall bracket with tubular post top section to be used with 4440 or 4024C	Miniliter Magnuliter Sportsliter SLR
	4040A	Wall mounting bracket	Miniliter Microliter
	4040B		
	SK50S	Single floodlight cross arm	Microliter Miniliter
	SK50A	Single floodlight cross arm	Magnuliter Sportsliter
	SK50B	Twin floodlight cross arm use with 4090	Miniliter Magnuliter Sportsliter
	SK50C	Twin floodlight cross arm use with 4090	Microliter Miniliter
	SK50D	Triple floodlight cross arm use with 4090	Microliter Miniliter
	SK50E	Triple floodlight cross arm use with 4090	Magnuliter Sportsliter
	PVL-PAS1	Single post top adapter ~ 76mm spigot	Perimiliter Permashield
	PVL-PAS2	Twin post top adapter ~ 76mm spigot	
	PVL-PT	Single and twin post top adapter ~ 60mm spigot	Perimiliter Permashield
	MAL-4-X	100mm arm for flat surface	Magnuspec
	MAA-4-X	100mm arm for flat surface	Magnusquare Magnuform
	MAL-10-X	250mm arm for flat surface	Magnuspec
	MAA-10-X	250mm arm for flat surface	Magnusquare Magnuform

Note: Round pole adapters for MAL-4-X and MAL-10-X can be supplied to specification. Please contact Whitecroft Lighting Limited for details.



The challenge of floodlighting is to illuminate a space with a defined boundary from a point often outside and remote from that boundary.

This requires powerful light sources with well defined and often very precise light distributions. It is then the task of the lighting designer, utilising sophisticated computer software, to achieve the required performance levels whilst balancing installation and energy costs, yet avoiding light pollution and spillage.

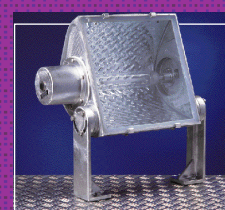
Floodlighting



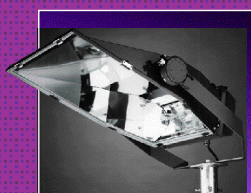
**EUROFLOOD
MINI & MIDI** PAGE 198



MINILITER
PAGE 204



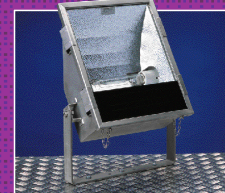
503 HIGH INTENSITY
PAGE 209



EUROFLOOD MAXI
PAGE 202



MAGNULITER
PAGE 205



STAINLESS STEEL
PAGE 210



MIDLITER
PAGE 203



CYGNUS I & II
PAGE 206



STARSCAN
PAGE 211



MICROLITER
PAGE 203



SPORTSLITER
PAGE 207



SONSTAR II
PAGE 212



POWERBEAM & CGB
PAGE 208

Euroflood *Mini & Midi*

Typical uses include ~
Exterior: Building
facades, signs,
sports areas,
security lighting,
car parks, area
floodlighting, and
fish farms.

Interior: Swimming
pools, churches and
sports facilities.

Euroflood Mini
and Midi are
particularly suited
to uplighting
applications.



Euroflood Midi

Euroflood Mini

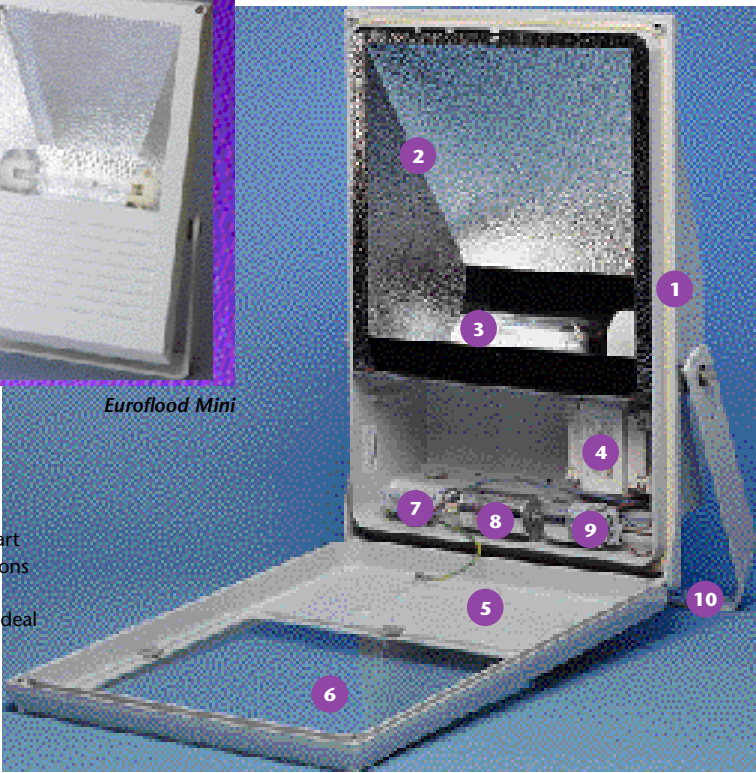
EUROFLOOD MINI

The ultraslim, stylish design of the 70/150W Euroflood Mini makes it the obvious choice where floodlights' appearance is an integral part of the lighting design, or where space restrictions call for a small, unobtrusive fitting. The light output from the 70/150W lamp range is also ideal for close-up illumination, signs or small buildings and monuments.

EUROFLOOD MIDI

The Euroflood Midi shares many of the benefits of its smaller 70/150W counterpart: its compact design makes it attractive when it is in view, and it has the advantage of low windage. This reduces installation costs as lighter mounting systems can be used. And, like the smaller version, it offers hot restrike for use where security and safety are important. With a choice of either narrow or wide-beam optics, the Midi also provides the opportunity to create very economic lighting schemes by minimising the number of fittings required. A choice of either single-ended or double-ended lamps adds to the versatility of this flood light, as it can be easily incorporated into the lamping programme of existing installations.

An aiming scale is provided to speed up installation where precise aiming is required. Without this feature aiming can only be carried out in darkness.



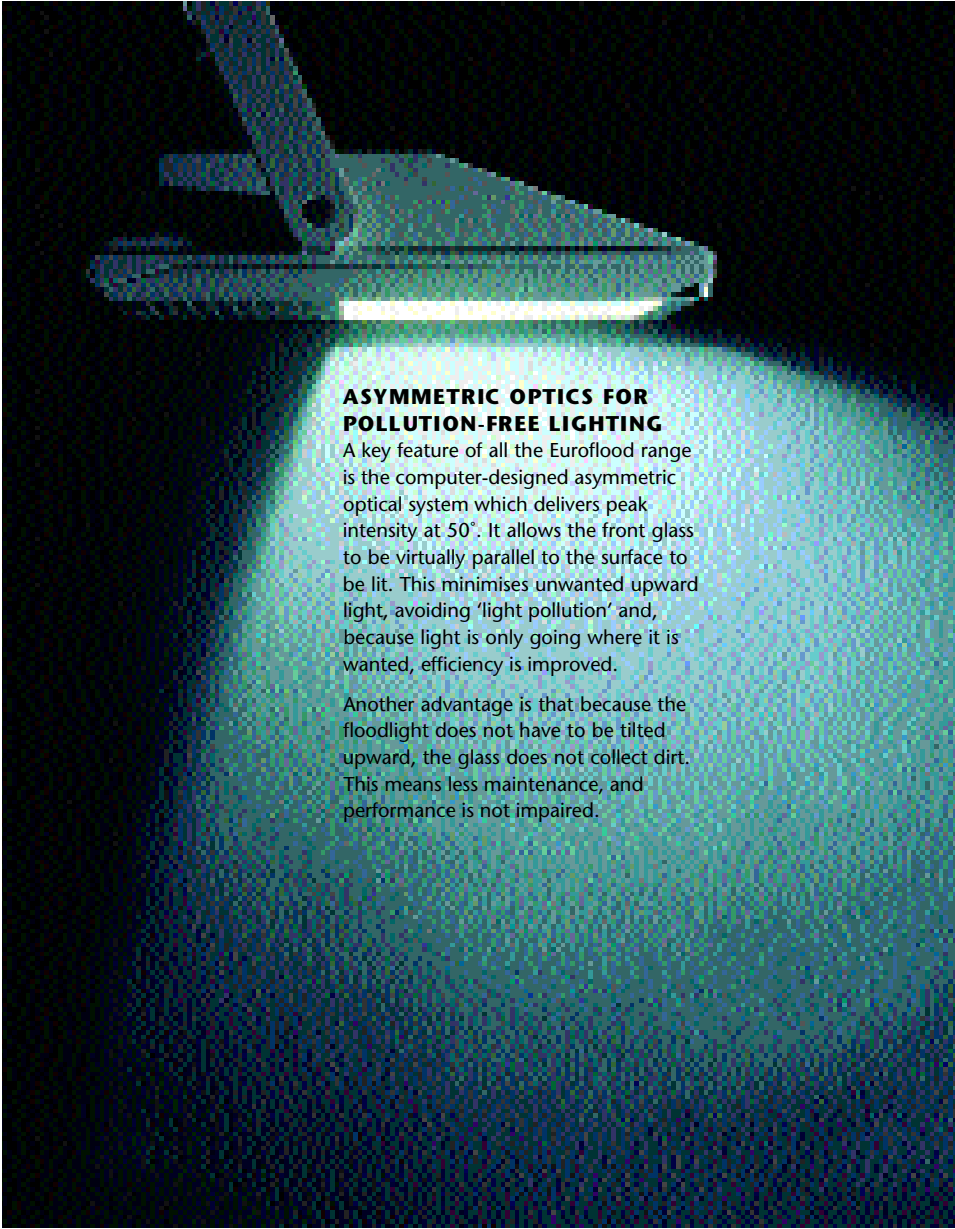
- 1 Die cast aluminium housing
- 2 Dimpled aluminium asymmetric reflector
- 3 250W SON-T lamp
- 4 Ballast
- 5 Front cover hinge down
- 6 Toughened glass
- 7 Terminal block
- 8 Capacitor
- 9 Ignitor
- 10 Adjustable mounting strip

ORDER CODES		FEATURES	
		Lamp ways	Beam distribution
Standard gear	Hot restrike*		
	Electronic †		
Euroflood Mini			
SC70	SC70E†	70WHQI/SON-TS	Medium
	SC70HE*†	70WHQI/SON-TS	Medium
SC150	–	150W HQI/SON-TS	Medium
Euroflood Midi			
SC250TN	–	250W HQI/SON-T	Narrow
SC250TW	–	250W HQI/SON-T	Wide
SC400TN	–	400W HQI/SON-T	Narrow
SC400TW	–	400W HQI/SON-T	Wide
SC250HTSN	SC250HRHN*	250W HQI-TS	Narrow
SC250HTSW	SC250HRHW*	250W HQI-TS	Wide
SC250STSN	SC250SRHN*	250W SON-TS	Narrow
SC250STSW	SC250SRHW*	250W SON-TS	Wide
SC400TSN	SC400RHN*	400W HQI/SON-TS	Narrow
SC400TSW	SC400RHW*	400W HQI/SON-TS	Wide

Lamp not included



Euroflood *Mini & Midi*



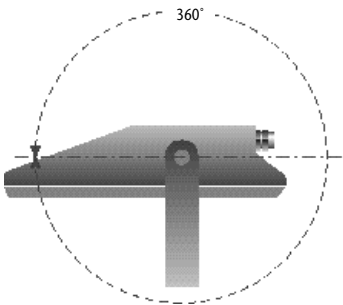
ASYMMETRIC OPTICS FOR POLLUTION-FREE LIGHTING

A key feature of all the Euroflood range is the computer-designed asymmetric optical system which delivers peak intensity at 50°. It allows the front glass to be virtually parallel to the surface to be lit. This minimises unwanted upward light, avoiding 'light pollution' and, because light is only going where it is wanted, efficiency is improved.

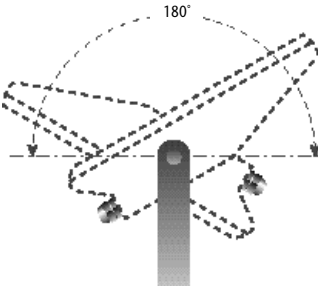
Another advantage is that because the floodlight does not have to be tilted upward, the glass does not collect dirt. This means less maintenance, and performance is not impaired.

Excellent cut-off with Euroflood

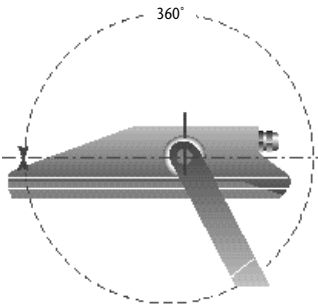
Operating positions



SC70 ta 40°C
SC70E ta 35°C
SC70HE ta 35°C
SC150 ta 25°C



SC150 ta 35°C



All 250/400W ta 35°C
except SC250TN and
SC250TW ta 40°C

Euroflood *Mini & Midi*



Colour glass filters



Cowl



Louvre



Wire guard



Euroflood Mini with uplighter bracket

SPECIFICATION

- Lamps ~ Mini: 70W, 150W HQI-TS
70W, 150W SON-TS
Midi: 250W, 400W, HQI-T/TS
250W, 400W, SON-T/TS
- Body ~ precision diecast aluminium, light grey (RAL 7035) polyester powder coat. (Optional black RAL 9005, white RAL 9010, green RAL 6002).
- Reflector ~ hammered, high-grade aluminium, brightened and anodised.
- Glass ~ toughened.
- Mounting by cradle supplied.
- Attractive low profile design suitable for exterior and interior applications.
- Asymmetric light distribution for low light pollution.
- Precise optical control achieved by computer designed optics and the use of double ended lamps.
- Hot restrike versions for security and other applications needing fast restart.
- IP65 protection for long life and low maintenance.
- Choice of Metal Halide or SON light sources for optimum colour rendering or efficacy.
- Choice of narrow or wide light distribution (Euroflood Midi).
- Decorative uplighter version for interior applications (Euroflood Mini and Midi).
- Takes supply cable of 5-10mm diameter.

OPTIONS

Body colour standard body colour light grey add suffix:~
/B Black /W White /G Green

Accessories

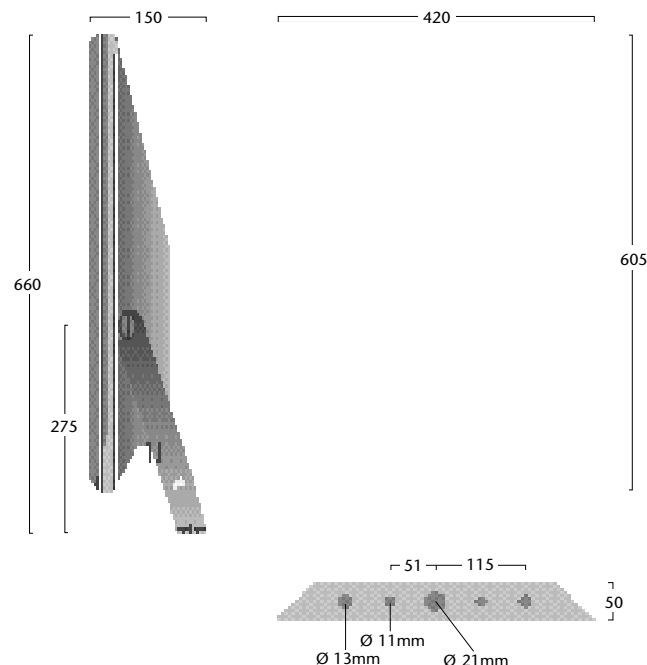
<i>Euroflood Mini</i>	<i>Euroflood Midi</i>
SCFH	Filter holder (excl. filter)
SCFGB	Blue glass filter
SCFGG	Green glass filter
SCFGR	Red glass filter
SCUB70150	Uplighter Bracket (May be retrofitted)
SCC70150	Cowl
SCL70150	Louvre
SCWG70150	Wireguard
SCSG70150	Replacement front incl. glass
	SCUB250400
	SCC250400
	SCL250400
	SCWG250400
	SCSG250400

WEIGHT AND WINDAGE

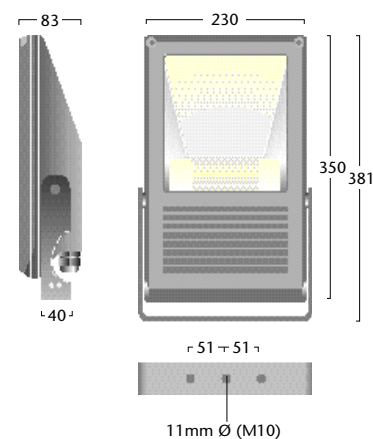
	Control gear	Weight Kg	Windage m ² *
70WHQI/SON	Standard	5.1	0.03
70WHQI/SON	Electronic	4.0	0.03
70WHQI/SON	Electronic hot restrike	4.6	0.03
150W HQI/SON	Standard	6.5	0.03
250W HQI/SON	Standard	15.5	0.09
250W HQI/SON	Hot restrike	20.2	0.09
400W HQI/SON	Standard	17.0	0.09
400W HQI/SON	Hot restrike	21.4	0.09

* Figures are given for the typical mounting position i.e. side windage. Class 1 (must be earthed). Ambient temperature: see diagrams p199.

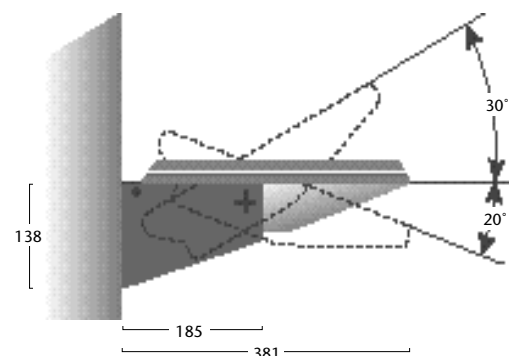
Euroflood Midi



Euroflood Mini

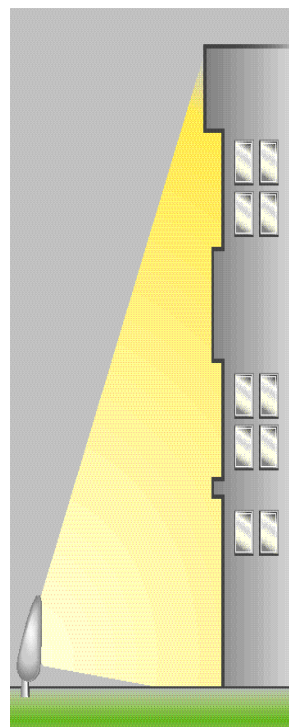
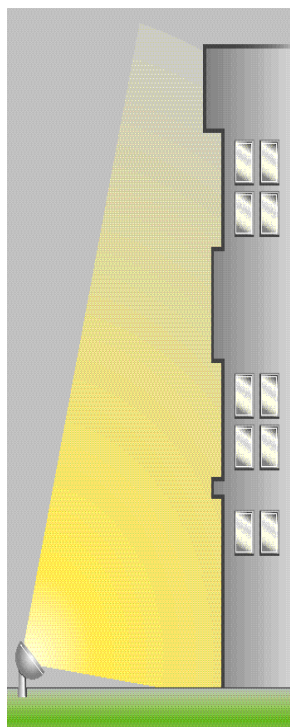
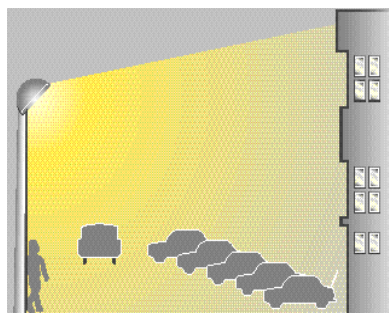


Uplighter bracket Euroflood Mini

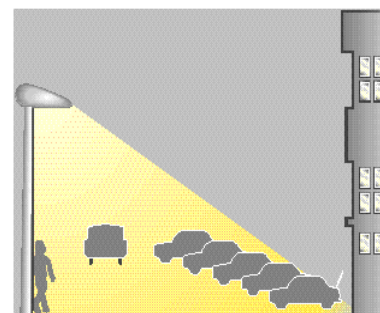


Euroflood *Mini & Midi*

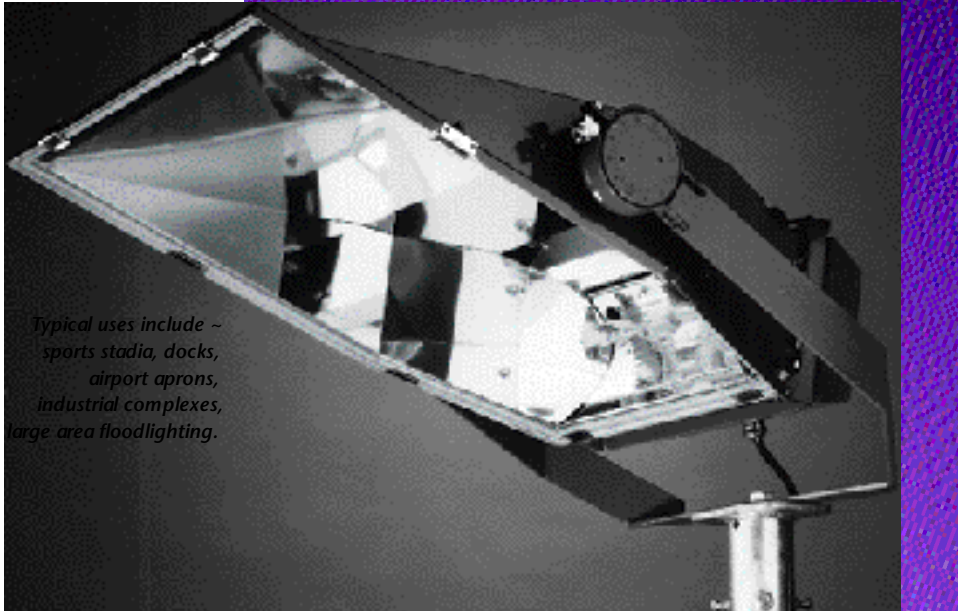
Conventional symmetric floodlighting



Asymmetric floodlighting reduces light pollution



Euroflood Maxi



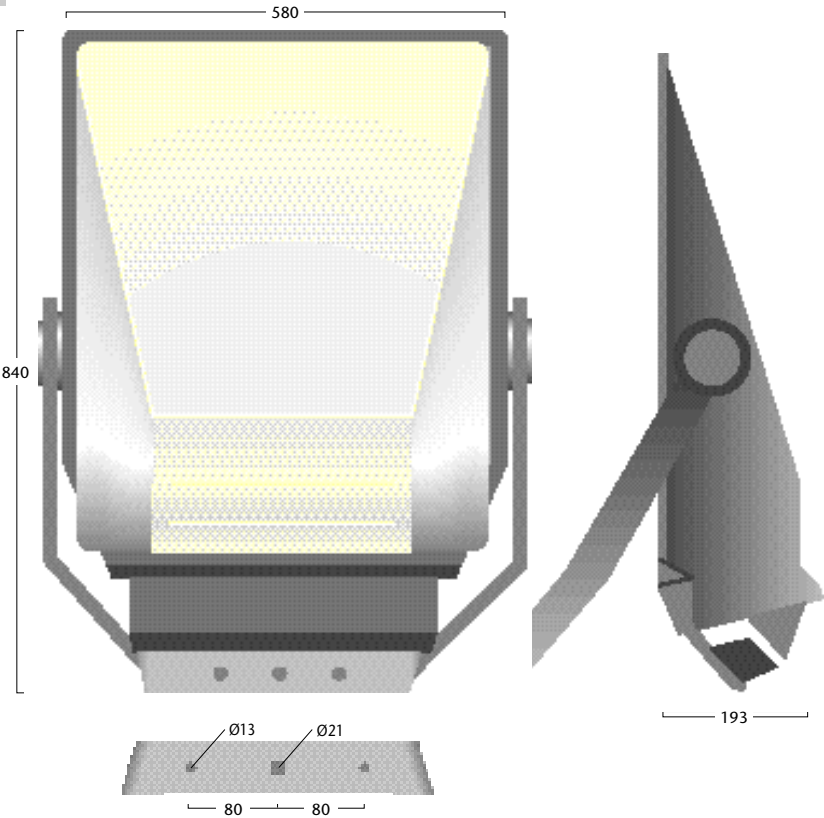
Typical uses include ~
sports stadia, docks,
airport aprons,
industrial complexes,
large area floodlighting.



Warwick University sports field

SPECIFICATION

- Lamps ~ 1000W HQI-T/TS
1000W SON-T/TS
2000W HQI-TS
- Body ~ fabricated seam welded aluminium, anodised and painted.
- Reflector ~ high purity aluminium, brightened and anodised.
- Glass ~toughened.
- Mounting by cradle supplied.
- Low profile design giving low windage.
- Asymmetric light distribution for low light pollution.
- Precise optical control achieved by computer designed optics and the use of double ended lamps.
- Hot restrike versions for security and other applications needing fast restart.
- Rear access to lamp for ease of maintenance.
- Choice of Metal Halide or SON light sources for optimum colour rendering or efficacy.
- Ideal for televised sports applications.
- Remote control gear, ignitor in separate compartment in luminaire.
- Aiming scale aids daytime installation.



TO SPECIFY, STATE:~

Aluminium large-area precision floodlight with asymmetric beam. Provided with aiming scale and suitable for remote control gear. IP54. As Whitecroft Euroflood Maxi.

ORDER CODES			FEATURES	
Standard gear	Hot restrike*	Remote gear	Lamp ways	Beam distribution
SC1000TN	N/A	GB1KWHTS	1000W HQI/SON-T	Narrow
SC1000TW	N/A	GB1KWHTS	1000W HQI/SON-T	Wide
SC1000HTSN	SC1000HRHN	GB1KWHTS	1000W HQI-TS	Narrow
SC1000HTSW	SC1000HRHW	GB1KWHTS	1000W HQI-TS	Wide
SC2000HTSN	SC2000HRHN	GB2KWHD*	2000W HQI-TS	Narrow
SC2000HTSW	SC2000HRHW	GB2KWHD*	2000W HQI-TS	Wide

Class 1 (must be earthed)
Lamp not included
*Requires 3 phase supply

WEIGHT AND WINDAGE			
	Control gear	Weight Kg*	Windage m ² ***
1000W HQI-TS	Standard remote	17.3	0.22
1000W HQI-TS	Hot restrike remote	21.0	0.22
1000W HQI-T	Standard remote	17.3	0.22
1000W SON-T	Standard remote	17.3	0.22
2000W HQI-TS	Standard remote**	17.3	0.22
2000W HQI-TS	Hot restrike remote**	21.0	0.22

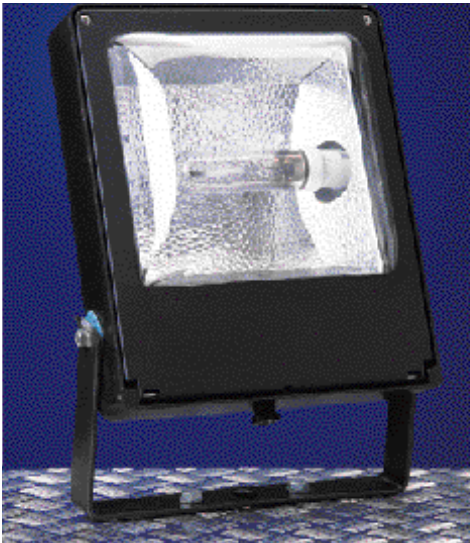
* Excludes remote gear **High voltage
***Figures are given for the typical mounting position i.e. side windage



Midiliter

In most projects today, in areas such as building façades and surrounding landscaped gardens, effective and economic illumination is needed from a highly durable floodlight.

Midiliter was created for just such applications where a compact fitting can offer the use of low wattage HID light sources in a polycarbonate format which can resist the vagaries of any climate including saline coastal areas.



Benefits include:~

- Completely weatherproof through the use of double hulled, tough all polycarbonate construction.
- Proof against the ingress of insects and moisture.
- Maximum economy via low wattage HID lamps and precise reflector design.
- Unobtrusive shallow depth profile.

SPECIFICATION

- Glass reinforced polyester housing in black finish.
- Moulded polycarbonate hinged cover with stainless steel fixings.
- Preformed trunnion bracket in steel finished in black polyester powder paint.
- Faceted reflector system with diffused hammer finish.
- IP65 protection.

OPTIONS

- U-bolt clamp for 76-90mm diameter poles.

ORDER CODES

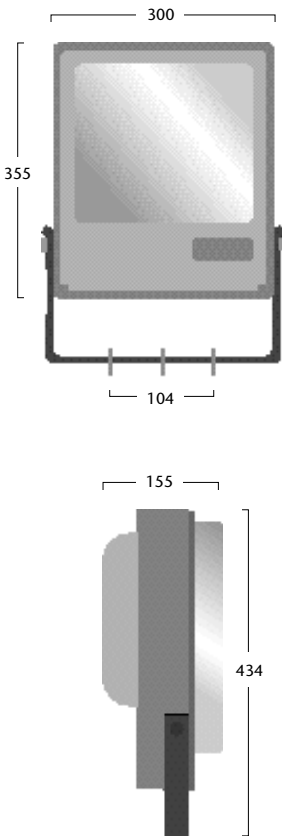
USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MIDILITER CODE

Model	Lamp
	SON=S MBI=H
MDL	0050S
	0070S
	0070H

EXAMPLE

Using the bold suffixes from each column the following Midiliter was specified:~

MDL0070S
Midiliter GRP security floodlight fitted with 70W SON lamp



Microliter

Landscaped gardens, building façades, signs and architectural features demand careful and efficient lighting.

Created for just such applications, Microliter is a durable and highly compact fitting offering the use of low wattage HID light sources in a tough aluminium housing.



Benefits include:~

- Tough and durable construction for long life and minimum maintenance.
- Proof against the ingress of insects and moisture.
- Unobtrusive highly compact construction which is easy to integrate into the project design.
- Precise reflector system avoids stray light and maximises energy efficiency.
- Low wattage lamp options provide maximum effect for minimum energy consumption.

SPECIFICATION

- Corrosion resistant die cast aluminium housing finished in bronze polyester powder paint.
- Hydroformed aluminium reflector, rotatable reflector system.
- Die cast aluminium knuckle mounting swivel mechanism.
- Hinged die cast aluminium glazing bezel with sealed toughened glass front.
- IP54 protection.

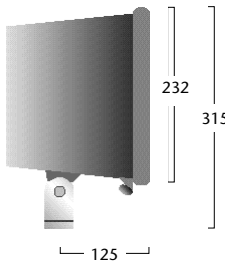
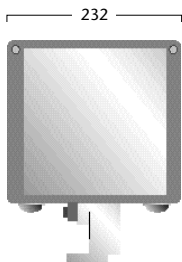
OPTIONS

- Narrow or wide beam.
- Photocell control.
- Polycarbonate shield or glare shield.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MICROLITER CODE

Model	Lamp	Beam
	SON=S MBF=M MBI=H	
MIC	0050S	W Wide
	0070S	
	0050M	N Narrow
	0080M	
	0070H	
	0150H	



EXAMPLE

Using the bold suffixes from each column the following Microliter was specified:~

MIC0070SW
Microliter compact floodlight fitted with 70W SON lamp

NOTES

Narrow beam version is only available for MBI lamp



Miniliter



For area lighting applications such as car parks, or indeed for security lighting, where maximum effect is required from a minimum sized floodlight, Miniliter is truly fit for purpose.

Excellent lighting effect is achieved from the use of a three piece linear parabolic reflector and maintenance is made simple by access to the lamp being possible without the use of tools.

Whereas Microliter is designed for use with lower wattage lamps, Miniliter is intended to accept medium wattage HID lamps and hence it finds extensive use in larger projects.

Benefits include:~

- Vandal resistant construction.
- Long corrosion-free life.
- Toolless entry.
- Efficient illumination from the precisely designed reflector system.

SPECIFICATION

- Corrosion resistant die cast aluminium housing finished in bronze polyester powder paint.
- Specular aluminium reflector.
- Preformed steel trunnion bracket finished in bronze polyester powder paint.
- Hinged die cast aluminium glazing bezel with sealed toughened glass front.
- Stainless steel sprung catches for tool less access to lamp housing.
- Separate control gear and cable termination compartment.
- IP54 protection.

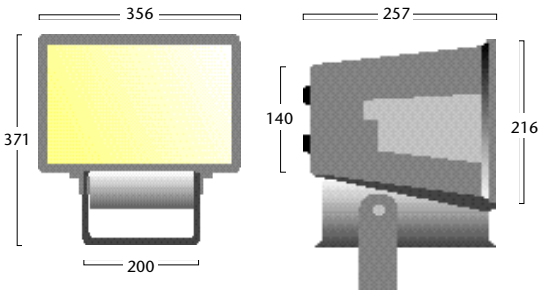
OPTIONS

- Photocell control.
- Polycarbonate shield.
- Aluminium visor for top, bottom or side mounting.
- Wire guard.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MINILITER CODE

Model	Lamp	Options
	SON=S MBI=H	
MHS	0070S	PC Integrated Photocell
	0100S	
	0150S	
	0250S	
	0250H	



EXAMPLE

Using the bold suffixes from each column the following Miniliter was specified:~

MHS0250HPC

Miniliter fitted with 250W metal halide lamp and integral photocell control



Magnuliter

Magnuliter, with its extremely wide choice of lamp types and wattages, is used extensively in a variety of applications from building façades to high security areas.

In its lower wattage versions, Magnuliter gives energy efficient illumination in area lighting projects such as industrial areas or car parks.

The 600W Super Sodium System versions, which give instant start and hot restrike, are of particular interest to the specifier of high security areas such as prisons or military bases where the loss of illumination can be critical.

With a choice of wattages from 250W to 600W and a variety of beam patterns, Magnuliter is an all round performer for most applications.

Benefits include:-

- Long life through rugged yet lightweight construction.
- Maximum forward throw of light with horizontal lamp position.
- Wide beam distribution with vertical lamp position.

SPECIFICATION

- Corrosion resistant die cast aluminium housing finished in bronze polyester powder paint.
- Preformed steel trunnion bracket finished in bronze polyester powder paint.
- Hinged die cast aluminium glazing bezel with sealed toughened glass front.
- Hinged front cover allows access to control gear compartment.
- IP65 protection

OPTIONS

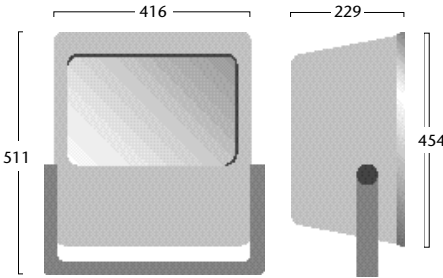
- Polycarbonate shield.
- Top visor or mesh guard.
- Remote gear.
- Photocell control.
- Instant restrike with 600W Super Sodium System versions.



ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A MAGNULITER CODE

Model	Lamp Orientation	Lamp	Options
		SON=S MBI=H	
MT	H	0250S	PC Photocell
		0400S	
	V	0600S	
		0250H	
		0400H	



EXAMPLE

Using the bold suffixes from each column the following Magnuliter was specified:-

MTH0400SPC

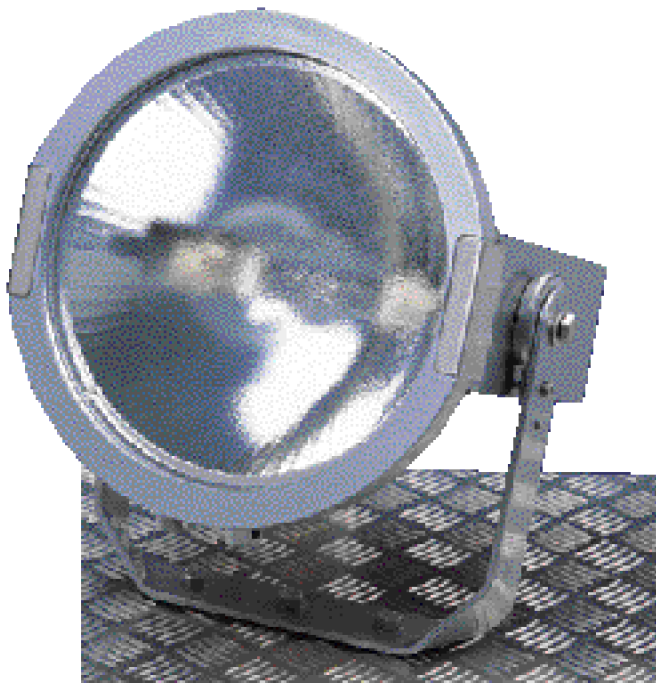
Magnuliter floodlight fitted with 400W SONlamp and integral photocell control

NOTE

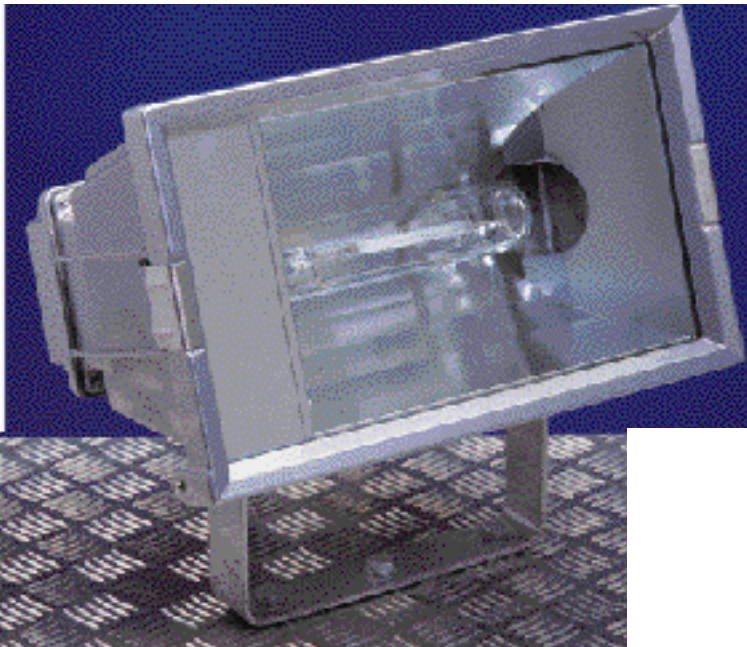
Please contact Whitecroft Lighting for details of 600W Super Sodium instant restrike version



Cygnus I & II



CYGNUS I



CYGNUS II

Architectural floodlighting, whether of a building itself or its environment, requires precise illumination from a purpose designed, long life product.

Cygnus I and II, both with excellent photometric performance, are the perfect choice where longevity, economic operation and corrosion resistance are the key selection criteria.

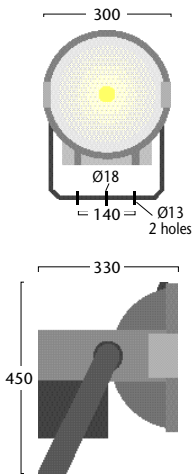
Cygnus I offers the designer tightly controlled projector distribution whilst Cygnus II provides a wider beam where this is required.

Benefits include:-

- Excellent architectural effects via precise reflector systems.
- Long life, all aluminium construction.
- Rapid maintenance design.
- No ingress of moisture or insects.

SPECIFICATION

- Corrosion resistant die cast aluminium housing finished in metallic silver polyester powder paint.
- Preformed steel trunnion bracket finished in metallic silver polyester powder paint.
- Hinged die cast aluminium glazing bezel with sealed toughened glass front.
- Separate control gear and cable termination compartment.
- Stainless steel toggle clamps for tool less entry to lamp compartment.
- Precision designed reflector systems for accurate beam control and optimum photometric performance.
- IP65 protection.



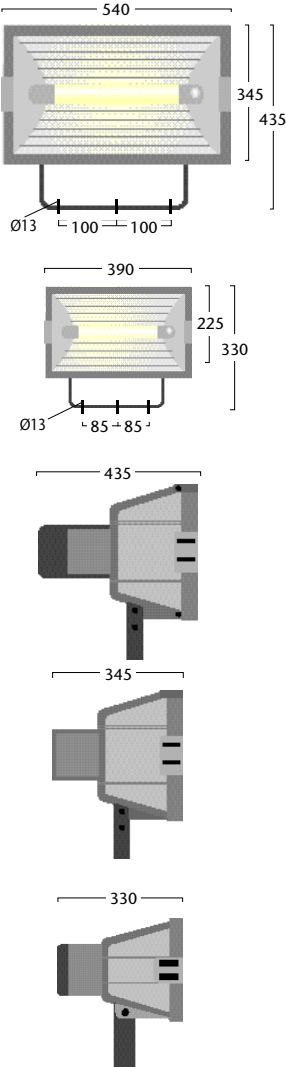
OPTIONS

- Post or spigot mounting.
- Cut out ignitor.

ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A CYGNUS CODE

Model	Lamp	Options
	SON=S MBI=H	
CY1	0150S	T Timer ignitor
	0250S	
	0400S	
CY2	0600S CY2 only	
	1000S CY2 only	
	0250H	
	0400H	
	1000H CY2 only	



EXAMPLE

Using the bold suffixes from each column the following Cygnus II was specified:-

CY20600ST

Cygnus II wide beam floodlight fitted with 600W Osram Son Plus lamp and timer ignitor



Sportsliter

One of the world's most extensively used floodlights for sports lighting, Sportsliter meets the most stringent specification requirements.

With its selection of narrow, medium or wide beam distributions a variety of lighting designs can be achieved and, in addition, Sportsliter will accept lamps up to 2000W metal halide.

Sportsliter can also include the 600W Super Sodium System which offers instant start and hot restrike making it the perfect specification choice, not only in stadia lighting but also in high security areas where the loss of illumination can be critical.

Performance is not only limited, however, to lighting distribution. Sportsliter's rugged design offers long in-service life and easy maintenance.

Benefits includes:~

- Easy installation and maintenance.
- Accurate pre-aiming and re-positioning after re-lamping.
- Long life, consistent performance.

SPECIFICATION

- Corrosion resistant cast aluminium housing finished in grey polyester powder paint.
- Preformed steel trunnion bracket finished in grey polyester powder paint (SLR).
- Die cast aluminium integrated gear compartment finished in grey polyester powder paint (SLS).
- Spun aluminium post anodised reflector system.
- Secure hinged front glazing assembly comprising toughened glass visor, clamp band and integrated extruded silicon seal.
- Quick release stainless steel toggle clamps for tool less entry to lamp compartment.
- Precision designed reflector systems for accurate beam control and optimum photometric performance.
- IP55 protection.

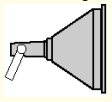
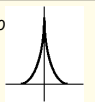
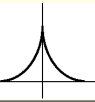
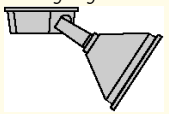
OPTIONS

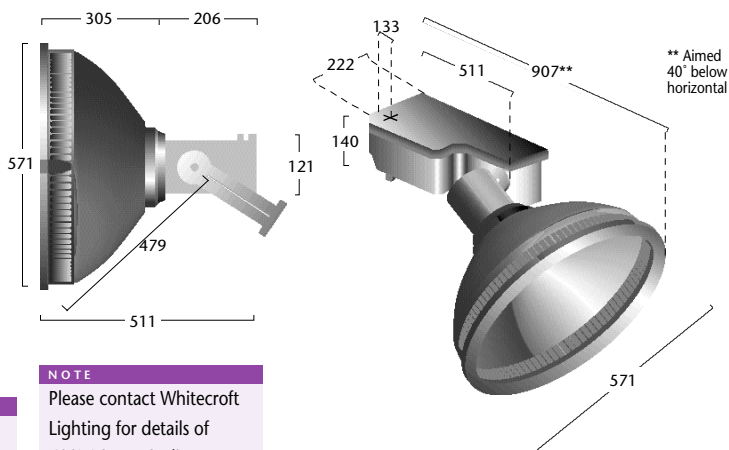
- Glare control unit or internal concentric louvre.
- Top visor assembly.
- Hot restrike with 600W Super Sodium System.



ORDER CODES

USE THE BOLD CHARACTERS WITHIN EACH COLUMN TO MAKE UP A SPORTSLITER CODE

Model	Lamp	Beam Distribution	Options
	SON=S MBI=H		
SLR Remote gear	0600S	N Narro	PH Protective outer hull
	1000S		
	1000H	M Me	
SLS Integral gear	1500H		
	2000H	W W	
			



EXAMPLE

Using the bold suffixes from each column the following Sportsliter was specified:~

SLS1500HN

Sportsliter with 1500W Metal Halide Lamp and integral control gear

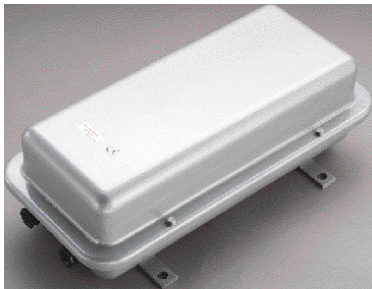
Optical assembly is configured for narrow beam

NOTE

Please contact Whitecroft Lighting for details of 600W Super Sodium instant restrike version
2000W MBI type is only available as a remote gear SLR version



Powerbeam & CGB

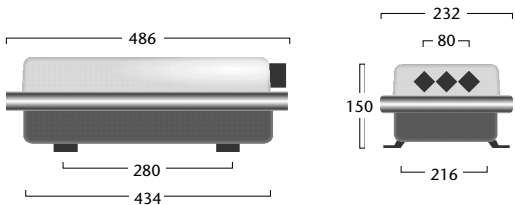


A high performance projector floodlight for industrial and security lighting in areas such as docks, railway sidings, golf ranges and high security installations.

Powerbeam uses remote control gear housed in the CGB gear box and offers rotational and bi-planar beam symmetry. Beam spread is achieved via the choice of HID lamp. Both weatherproof and corrosion resistant, Powerbeam features the high degree of Ingress Protection of IP66.

Benefits include:~

- Narrow, intermediate and wide beam spreads.
- Rotational or bi-planar beam symmetry.
- High IP rating.

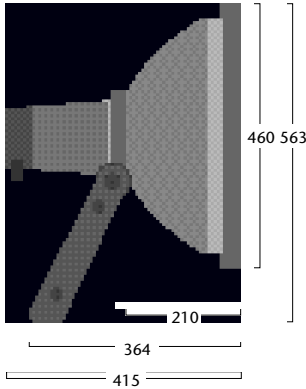
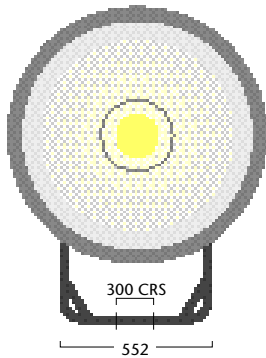


SPECIFICATION

- Brightened and polished aluminium reflector.
- Projector enclosure in aluminium.
Gear box enclosure in pressed steel.
- Projector entry via cable gland for 8-12mm cable
Gear box entry via 3 x 20mm diameter holes, one plugged, one with gland.
- Termination ~ suitable for up to 2 x 2.5mm² conductors.
- Projector installation via trunnion bracket or optional base plate. Gear box installation via mounting straps.
- Control gear integral in gear box.
- Rear access relamping.
- Horizontal burning position.
- IP66 protection ~ both projector and gear box.
- E40 lampholder.

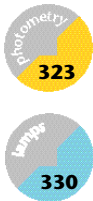
OPTIONS

- PBBP Base mounting plate
- PBSD Sighting device (hire only)



FEATURES								
ORDER CODES	Ingress protection	Glass	Lamp	Power factor	Line current	Total watts	Ta °C	
Projector								
PBC 250	IP66	Clear	250W SON, SON/T, MBIF, MBF/U	-	-	-	50	
PBC 400	IP66	Clear	400W SON, SON/T, MBIF, MBF/U	-	-	-	50	
PBR 250	IP66	Reeded	250W SON, SON/I, MBIF, MBF/U	-	-	-	50	
PBR 400	IP66	Reeded	400W SON, SON/T, MBIF, MBF/U	-	-	-	50	
CGB gear box								
CGB 250S	IP66	-	250W SON	>0.90	1.30	280	50	
CGB 400S	IP66	-	400W SON	>0.85	2.20	440	50	
CGB 250H	IP66	-	250W MBI	>0.90	1.30	280	50	
CGB 400H	IP66	-	400W MBI	>0.80	1.90	415	50	
CGB 250M	IP66	-	250W MBF/U	>0.85	1.30	275	55	
CGB 400M	IP66	-	400W MBF/U	>0.85	2.10	425	55	

Narrow, intermediate and wide beam spreads are achieved by using different lamp types. Please refer to the Lighting Design Department for details



503 High Intensity

The 503 high intensity floodlight is manufactured from gravity die cast LM6 aluminium alloy. This, combined with an ingress protection of IP66/67, makes the floodlight ideal for use in hostile environments such as ships' decks, ports, marshalling yards, construction sites and similar applications.

Benefits include:~

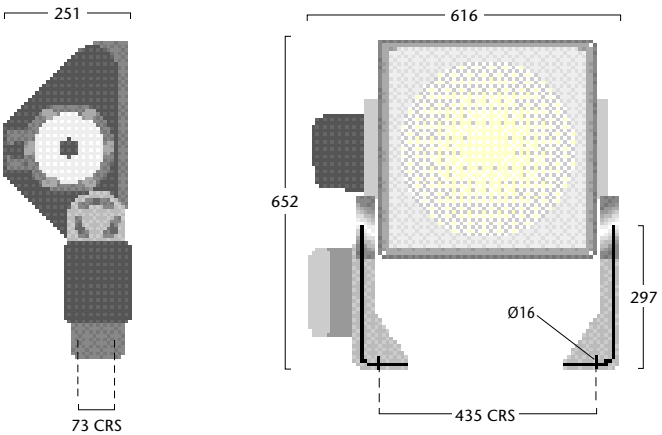
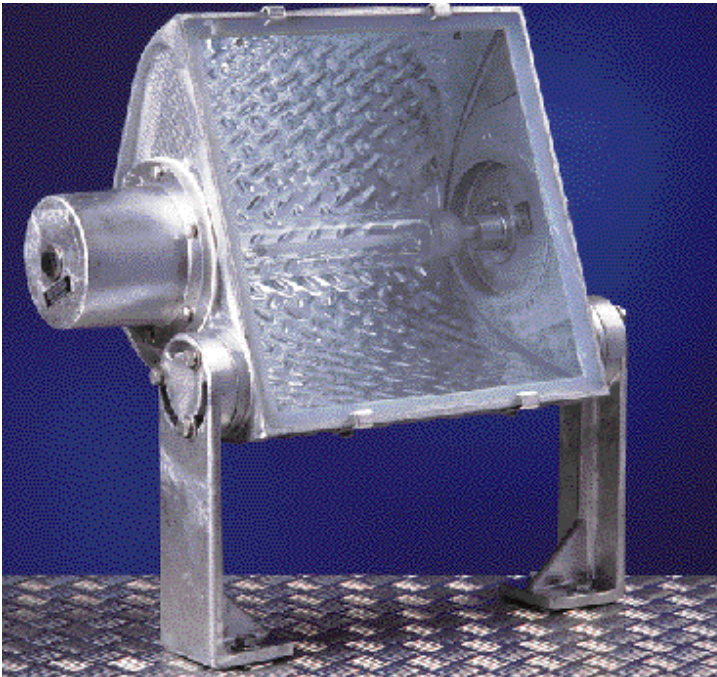
- Lamp support.
- Timed cut out ignitor.

SPECIFICATION

- BS EN 60598 compliance.
- Corrosion resistant body gravity die cast LM6 aluminium alloy. Toughened thermal shock resistant safety glass.
- Anodised high purity aluminium reflector, diffused or specular.
- Foot mounting.
- Remote control gear.
- Termination 3 core 2.5mm² ~ requires 150°C cable entry to luminaire.
- Entry 1 M20 threaded.
- Relamping via easily removable end cover.
- IP66/67 protection BS EN 60529.

OPTIONS

- PTFE coating.
- Prewired integral ignitor.
- Swinging jib bracketery available.
- Pole mounting.
- Anti glare shield.
- Wire guard.
- Control gear mounted on back plate or in a cubicle.



*Floodlighting at Blackburn
Rovers Football Stadium,
Ewood Park*

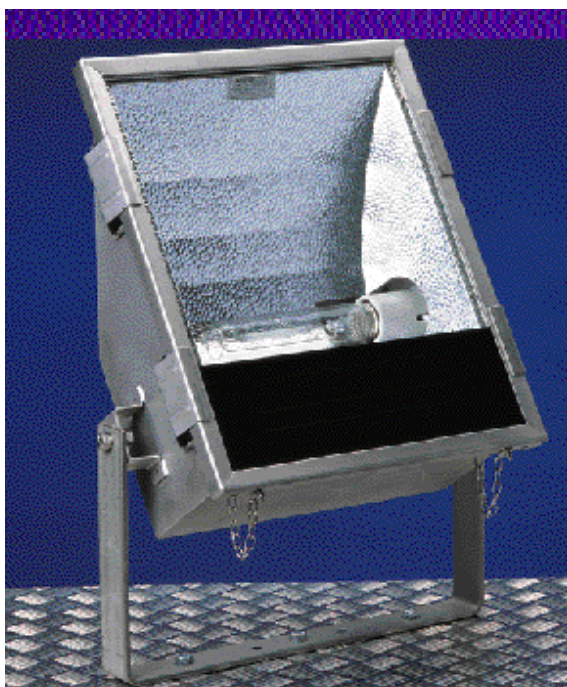
ORDER CODES	FEATURES			
	Lamp	Lampholder	Windage m ²	Ta °C
503-600S	600W SON	E40	0.194	40
503-1000S	1000W SON/T	E40	0.194	40
503-700M	700W MBFU	E40	0.194	40
503-1000H	1000W MBIT	E40	0.194	40
503-2000H	2000W MBIT	E40	0.194	40
503-2000TH	2000W TH	E40	0.194	30

Other voltage available on request

WEIGHT	
	Kg
503 Range	25

Stainless Steel

Whitecroft's extensive range of stainless steel floodlights use marine grade 316 as standard to provide a highly corrosion resistant product with an exceptional ingress protection of IP66/67.



SPECIFICATION

- BS EN 60598 compliance.
- Body: marine grade 316 S31 stainless steel
Glass: toughened safety glass sealed to stainless steel frame.
- Anodised high purity aluminium reflector ~ diffuse or specular.
- Stirrup mounting.
- Termination 3 core 4mm².
- Entry via Junction box as standard on TH to allow use of 70°C cable. M20 cable entry. Looping as standard on HID versions.
- Internal control gear.
- Relamping via quick release stainless steel clips.
- IP66/67 BS EN 60529 protection.
- T amb ~
70W SON/T -40°C +30°C
150W SON/T -40°C +55°C
250W SON/T -40°C +50°C
400W SON/T -40°C +40°C

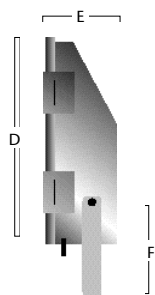
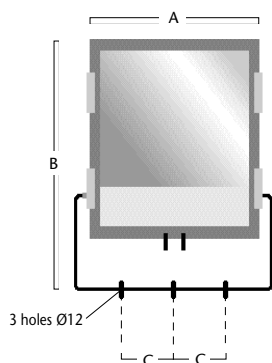
OPTIONS

- Anti-vibration mount.
- Anti-glare shield.
- Wire guard.
- Pole mounting.
- Spigot mounting.
- TH looping facilities available.
- M25 and other thread forms available.
- Fuse fitted.

Designed for use with SON/T, MBI/T and tungsten halogen lamps, the range represents the perfect choice for arduous floodlighting locations.

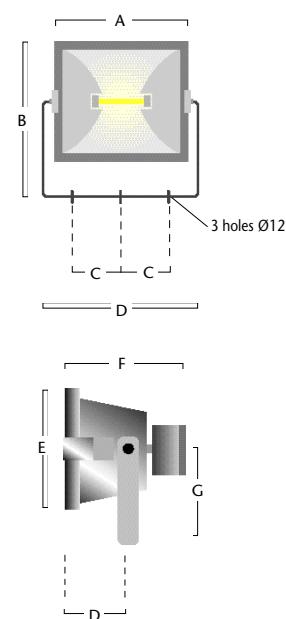
Benefits include:~

- IP66/67 protection.
- Ideal for arduous and marine environments.
- Fully recyclable.
- Stainless steel clips for ease of maintenance.
- Aiming quadrant (HID only).
- Timed cut out ignitor.



	844	854	864
A	302	415	465
B	443	630	640
C	75	150	150
D	348	490	500
E	175	185	190
F	175	260	260

	803	813	823
A	235	290	385
B	275	275	347
C	75	75	75
D	230	325	435
E	200	200	295
F	200	200	235
G	175	175	200
H	105	105	155



FEATURES

ORDER CODES	Lamp	Lampholder	Windage m ²	Voltage
803-200	up to 200W TH	R7s	0.047	250V MAX
813-500	up to 500W TH	R7s	0.058	250V MAX
823-1000	1000W TH	R7s	0.114	250V MAX
844-70	70W SON/T	E27	0.1	220-240V 50Hz 240-260V 60Hz
854-150	150W SON/T	E40	0.21	220-250V 50Hz 240-270V 60Hz
854-250	250W SON/T/MBIT	E40	0.21	220-250V 50Hz 240-270V 60Hz
864-400	400W SON/T/MBIT	E40	0.3	240V 50Hz 220V 60Hz

Other voltages available on request

WEIGHT

	Kg
803-200	5.0
813-500	6.5
823-1000	9.0
844-70	10.0
854-150	22.0
854-250	22.0
864-400	24.0



Starscan

Available in the popular wattages of high pressure sodium and metal halide lamps, Starscan's tough construction makes the range weatherproof and corrosion resistant.



150W STARSCAN



250/400W STARSCAN

As well as having efficient photometric performance, relamping is made easy by the use of a hinged front visor. All external fasteners are stainless steel.

Benefits include:-

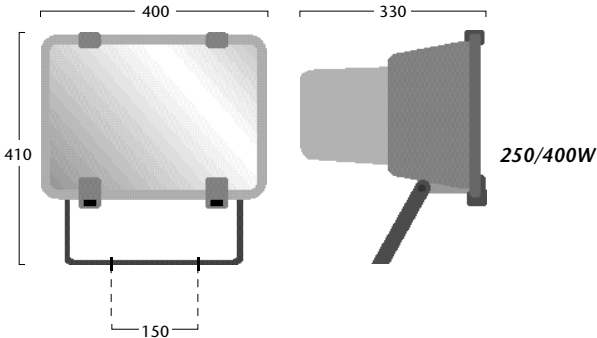
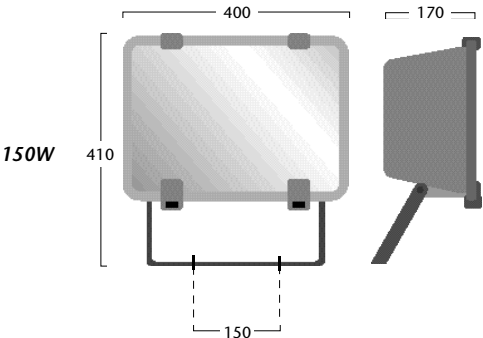
- High ingress protection to IP65.
- Weatherproof and corrosion resistant.
- Efficient distribution.
- Hinged, toughened glass front visor for rapid lamp replacement.
- Integral control gear.
- Tough, high pressure diecast aluminium housing.

SPECIFICATION

- High pressure diecast aluminium enclosure, finished black.
- Anodised aluminium, dimpled reflector.
- Entry ~ plastic cable gland for use with 9-12mm diameter cable.
- Termination suitable for up to 4mm² conductors.
- Installation via trunnion bracket or optional pole clamp.
- Integral control gear (remote gear options in 250W and 400W sizes).
- Relamping via hinged front visor.
- Horizontal burning position.
- IP65 protection.
- E40 lampholder.

OPTIONS

- STSPC Pole clamp for 76 – 90mm OD poles



WEIGHT	
	Kg
150W SON/T	7.6
250W SON/T, MBI/T	9.2
400W SON/T, MBI/T	10.3

ORDER CODES	FEATURES					
	Ingress protection	Lamp	Power factor	Line current	Total watts	Ta °C
STS 150SB	IP65	150W SON/T	>0.85	0.83	168	25
STS 250SB	IP65	250W SON/T	>0.90	1.30	280	25
STS 400SB	IP65	400W SON/T	>0.85	2.20	440	25
STS 250HB	IP65	250W MBI/T	>0.90	1.30	280	25
STS 400HB	IP65	400W MBI/T	>0.80	1.90	415	25

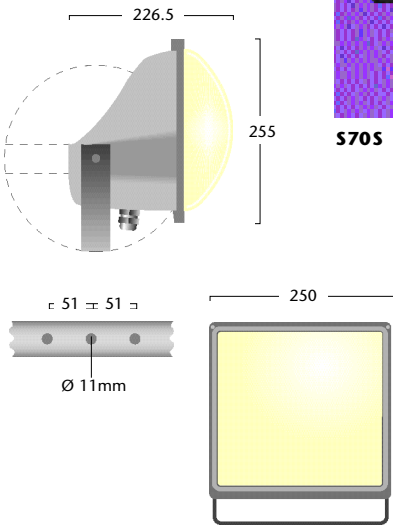
All versions are packed and supplied with lamp



Sonstar II

Typical uses include ~
Factory perimeters,
loading bays, car parks,
building facades,
sports grounds,
monuments, building
façades, pub signs and
industrial storage areas.

70W Sonstar II



- 1 Injection-moulded black polycarbonate body:~ vandal resistant and corrosion-resistant
- 2 Complete with 70W SON-E elliptical ignitor lamp
- 3 Adjustable stirrup for flexible mounting
- 4 Vandal resistant, injection moulded, UV stabilised polycarbonate cover
- 5 2 screws fix and seal front cover
- 6 Wide angled distribution aluminium reflector
- 7 Photocell position



S70S

SPECIFICATION

- Lamps ~ 70W SON-E
150W, 250W SONP-T
- Mounting by cradle supplied.
- Designed specifically for energy-efficient SON (lamp supplied).
- Broad, even spread of light from computer-designed reflector.
- Quick and easy to install.
- Simple and economic to maintain.
- Tough, vandal- and weather-resistant construction (70W, IP64; 150/250W, IP65).
- Integral control gear.

70W SON-E VERSION

- Injection-moulded polycarbonate body.
- Dimpled Aluminium reflector.
- Drop down front cover for easy access to lamp and gear.
- 70W elliptical SON lamp with internal ignitor.
- IP65 dust-tight and jet proof.
- Photocell option dusk/dawn operation.

150W/250W SONP-T VERSION

- Body ~ GRP, grey with black front.
- Reflector ~ high-grade, hammered-finish aluminium, brightened and anodised.
- Cover ~ polycarbonate with black surround.

OPTIONS

Pole mounting for 2 inch pole-mounting:~
F69126A Spigot cap

Spares and accessories 70W lamp luminaire only
SC Replacement polycarbonate cover
CP Photocell kit



FEATURES

ORDER CODES	Lamp	Ta °C
S70S	70W SON-E	
SS150S	150W SONP-T	
SS250S	250W SONP-T	-25 to +25°C*

Class 1 (must be earthed).
Lamp included.
* External use only.

Easy to install via a
20mm cable entry
gland/grip in the base
of the body, suitable for
6-12mm cable. A 3-way
terminal block accepts up
to 6mm² conductors.



Sonstar II

