The type 2020 range of infra-red illuminators have been designed to offer a cost effective solution to night surveillance, with either 300W or 500W output in a stylish pressure die cast enclosure. These units provide a source of illumination for cameras with spectral response that extends into the infra-red region. To simplify operation and installation each illuminator is supplied with a built-in 25 lux photo cell unit. These light-weight weatherproof assemblies have protective-coated toughened glass filters and a choice of sealed beam bulbs. Replacement bulbs can be fitted in seconds. Full installation and maintenance instructions are provided with each unit.

**DENNARD 2020 INFRA-RED ILLUMINATOR**

- Aluminium alloy casting
- Optional 715nm or 830nm glass filter
- Mountings for infra-red illuminators are available on a range of Dennard products
- Available in a range of beam angles
- Built-in 25 lux light detector on adjustable mounting for automatic operation
- Weatherproof to BS.EN 60529 Level IP 66

**OPTIONS**

- DM/2020 300N715 = 300WATT SPOT BEAM 715nm
- DM/2020 300M715 = 300 WATT MEDIUM BEAM 715nm
- DM/2020 300W715 = 300WATT WIDE BEAM 715nm
- DM/2020 300N830 = 300WATT SPOT BEAM 830nm
- DM/2020 300M830 = 300 WATT MEDIUM BEAM 830nm
- DM/2020 300W830 = 300 WATT WIDE BEAM 830nm
- DM/2020 500N715 = 500 WATT SPOT BEAM 715nm
- DM/2020 500M715 = 500 WATT MEDIUM BEAM 715nm
- DM/2020 500W715 = 500 WATT WIDE BEAM 715nm
- DM/2020 500N830 = 500 WATT SPOT BEAM 830nm
- DM/2020 500M830 = 500 WATT MEDIUM BEAM 830nm

**ACCESSORIES**

- DM/886N = REPLACEMENT 300W SPOT LAMP
- DM/886M = REPLACEMENT 300W MEDIUM LAMP
- DM/886W = REPLACEMENT 300W WIDE LAMP
- DM/K502 = REPLACEMENT 500W SPOT LAMP
- DM/K502M = REPLACEMENT 500W MEDIUM LAMP
- DM/K502W = REPLACEMENT 500W WIDE LAMP
- DM/95080 = REPLACEMENT 715NM FILTER ASSEMBLY
- DM/95081 = REPLACEMENT 830NM FILTER ASSEMBLY
- DM/95068 = STONE GUARD
- DM/428IRS = FOR SINGLE IR LAMP 10KG TOTAL
- DM/428IR = FOR SINGLE IR LAMP 15KG TOTAL
- DM/428IRD = FOR DUAL IR LAMPS 15KG TOTAL
- DM/642IRS = FOR SINGLE IR LAMP 20KG TOTAL
- DM/642IR = DUAL IR LAMP 20KG TOTAL
SPECIFICATION

LAMP
Special Par 56 Style Sealed Beam, 230Vac, 300W or 500W

FILTER
Glass Dichroic Coated, 715nm or 830nm
Transmission better than 90%

BEAM ANGLES

<table>
<thead>
<tr>
<th></th>
<th>300 Watt Lamp</th>
<th>500 Watt Lamp</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Wide</td>
<td>Medium</td>
</tr>
<tr>
<td>Horizontal</td>
<td>60°</td>
<td>30°</td>
</tr>
<tr>
<td>Vertical</td>
<td>30°</td>
<td>20°</td>
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</tbody>
</table>

ILLUMINATION

<table>
<thead>
<tr>
<th></th>
<th>300 Watt Lamp</th>
<th>500 Watt Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wide</td>
<td>Medium</td>
</tr>
<tr>
<td>At 50 metres</td>
<td>2 Lux</td>
<td>9 Lux</td>
</tr>
<tr>
<td>At 100 metres</td>
<td>1.75 Lux</td>
<td>4 Lux</td>
</tr>
<tr>
<td>At 200 metres</td>
<td>1 Lux</td>
<td>0.4 Lux</td>
</tr>
</tbody>
</table>

WEIGHT
3kg

FINISH
Alcrom, Powder coated and stoved, Ash Grey leatherette finish to BS 00-A-01

MATERIAL
Pressure die cast Aluminium alloy

FOR FURTHER INFORMATION PLEASE CONTACT

www.dedicatedmicros.com