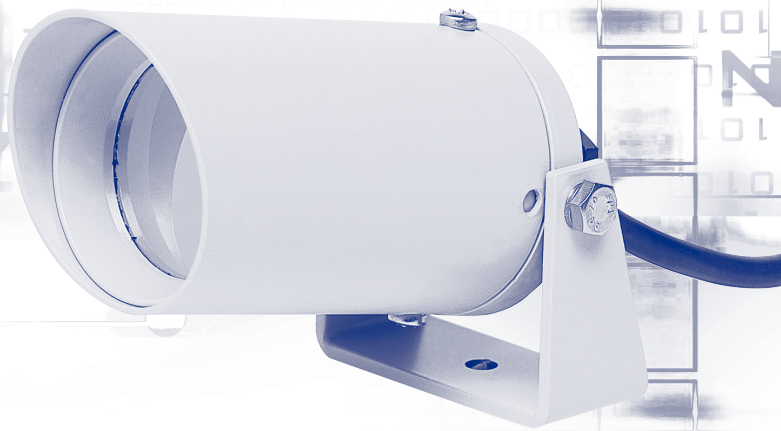


# Type 880/883

## Infra-red Illuminator



The type 880 and 883 microlights have been designed to provide a low power, low cost, high performance infra red illuminator, at a size complementing C.C.D camera equipment. The units are constructed from aluminium alloy, powder coated and stoved with stainless fittings. Silicone 'O' ring sealing and one metre of high temperature outdoor cable, factory fitted, offers weatherproofing to BS.EN.60529 Level IP65 (no water ingress).

Average lamp life is 2000 hours with specially modified 12V 50mm tungsten halogen lamps. Replacement lamps obtainable only from Dedicated Micros.

The type 880 can be supplied with 20W or 50W bulbs. The type 883 is fitted with a 75W bulb.

Both illuminator types are available with spot or flood bulbs and a choice of 715nm or 830nm dichroic filters.

Note: When fitting replacement lamps care must be taken not to touch the filament envelope or reflective inner face as this will be detrimental to the lamp life.

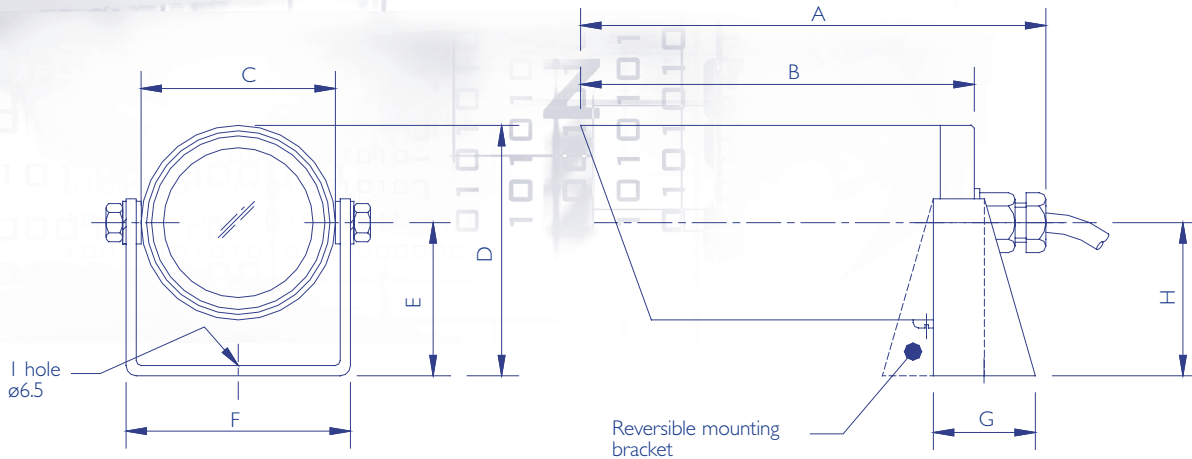
### benefits

- ATTRACTIVE STYLING
- 20W OR 50W (880) 75W (883)
- 2000 HOURS AVERAGE LAMP LIFE
- 715NM OR 830NM DICHROIC FILTERS FOR A CHOICE OF COVERT ILLUMINATION
- NARROW OR MEDIUM BEAM ANGLE
- WEATHERPROOF TO BS.EN 60529 LEVEL IP 65 (NO WATER INGRESS)

### build options

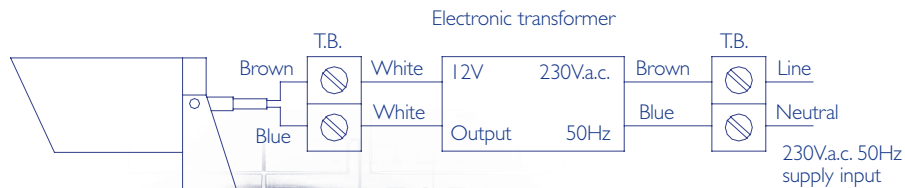
- 880/PSU = 230V INPUT / 12V OUTPUT PSU FOR 880
- 883/PSU = 230V INPUT / 12V OUTPUT PSU FOR 883
- 888/2 = BOXED IP65 PSU AND LIGHT DETECTOR FOR 880
- 888/2-105 = BOXED IP65 PSU AND LIGHT DETECTOR FOR 883

# Type 880/883 Infra-red Illuminator



## Housing

DIM	880	883
A	138	147
B	115	124
C	ø58	ø80
D	74	95.5
E	45	55.5
F	63	89
G	30	32
H	45	55.5



All Dimensions in millimetres

# Specification

	880N20	880M20	880N50	880M50	883N75	883M75
<b>LAMP</b>	12V-20W spot	12V-20W M.flood	12V-50W spot	12V-50W spot	12V-75W spot	12V-75W M.flood
<b>BEAM ANGLE</b>	24°	36°	21°	38°	18°	38°
<b>WEIGHT</b>	350g	350g	350g	350g	800g	800g
<b>FILTERS</b>	Dichroic coated glass 715 or 830nm - 3mm thick					
<b>TRANSMISSION</b>	Transmission better than 90%					
<b>ILLUMINATION 8 METRES</b>	15.6 lux	7.8 lux	57.8 lux	24 lux	115 lux	35 lux
<b>ILLUMINATION 16 METRES</b>	3.9 lux	1.9 lux	14.4 lux	6 lux	28 lux	8 lux
<b>ILLUMINATION 32 METRES</b>	0.97 lux	0.48 lux	3.6 lux	1.5 lux	7 lux	2 lux
<b>ILLUMINATION 32 METRES</b>	-	-	-	-	1.75 lux	0.5 lux

PLEASE CHECK THE WEBSITE FOR LATEST DEVELOPMENTS

FOR FURTHER INFORMATION PLEASE CONTACT

The manufacturer reserves the right to change the specification without notice.

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REF: DM01/05



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