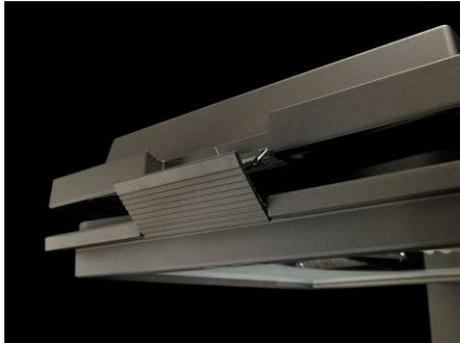


MOUNTING AND MAINTENANCE INSTRUCTION



Pic. 1



Pic. 2



Pic. 3



Pic. 4



Pic. 5

MOUNTING AND MAINTENANCE

The connection system, on pole/bracket or wall mounting, allows to install the luminaire parallel to the ground. See related section for particular fixing on pole, bracket or wall mounting.

To gain access to the electrical parts, unlock and open the frame [Pic.1]. The lower frame will open, stopping in vertical position [Pic. 2].

To connect the luminaire to the electrical line, insert the cable into the cable clamp and then connect it to the on-load switch. Tighten the cable clamp with an adjustable wrench of:

- Q5 QUADRO: 28 mm - 10Nm
- Q5 PRO: 24mm - 7.5Nm

The feeding of the fitting must be done with a bipolar cable with diameter between:

- Q5 QUADRO: 7 ÷ 10,5mm with standard gasket;
9 ÷ 13mm with the appropriate gasket.
- Q5 PRO: 8 ÷ 13mm

When it is necessary, you can take away the gear tray, loosen the two screws (A-B) and disconnect the main and lamp connector (C) [see Pic. 3-4]. To reinsert the gear tray, put it in right position, tighten the screws and then reinsert the connector.

The reflector of the luminaire has been designed to function without any fitting inclination. The lamp holder can be placed in 6 positions, to adapt the photometrical solid to the width of the street [Pic. 5]. See lamp holder plate drawing for the detailed positions.



INFORMATION TO THE CUSTOMERS

Directive 2002/96/EC (Waste Electrical and Electronic Equipment - WEEE): information for users.

This product complies with EU Directive 2002/95/EC. The crossed-out wastebasket symbol on the appliance means that at the end of its useful lifespan, the product must be disposed of separately from ordinary household wastes. The user is responsible for delivering the appliance to an appropriate collection facility at the end of its useful lifespan. Appropriate separate collection to permit recycling, treatment and environmentally compatible disposal helps prevent negative impact on the environment and human health and promotes recycling of the materials making up the product. For more information on available collection facilities, contact your local waste collection service.

Model	Wiring	Weight [gr]	
		Empty case	With control gear
	100W	9500	13000
	150W		14000
	250W		15000
	400W		17000

Suggested height of installation			
Model	Power [W]	H min [m]	H max [m]
	100W	7	12
	150W	7	13
	250W	7	14
	400W	8	18



Luminaire version	Incoming cables	Max luminaire in cascade
Q3 PRO 70W SHP	2x1,5	25
Q3 PRO 100W SHP	2x1,5	18
Q3 PRO 150W SHP	2x1,5	12
Q5 PRO 250W SHP	2x2,5	12
Q5 PRO 400W SHP	2x2,5	7
Q3 PRO 35W MHL	2x1,5	47
Q3 PRO 70W MHL	2x1,5	24
Q3 PRO 100W MHL	2x1,5	18
Q3 PRO 150W MHL	2x1,5	12
Q5 PRO 250W MHL	2x2,5	12
Q5 PRO 400W MHL	2x2,5	7

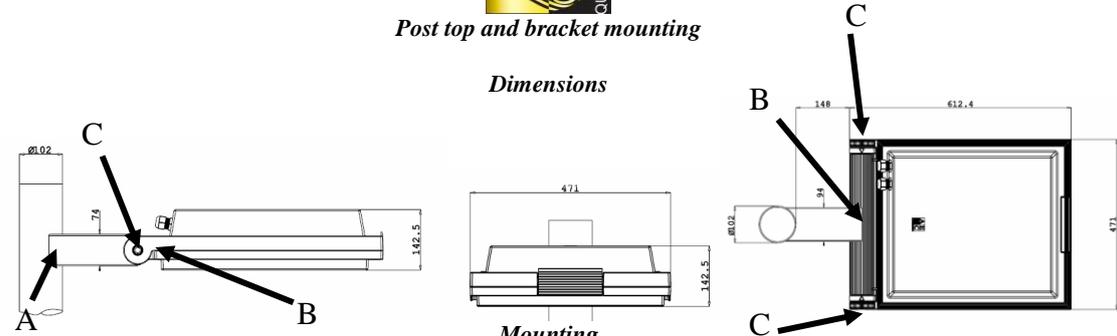
MOUNTING AND MAINTENANCE INSTRUCTION





Post top and bracket mounting

Dimensions



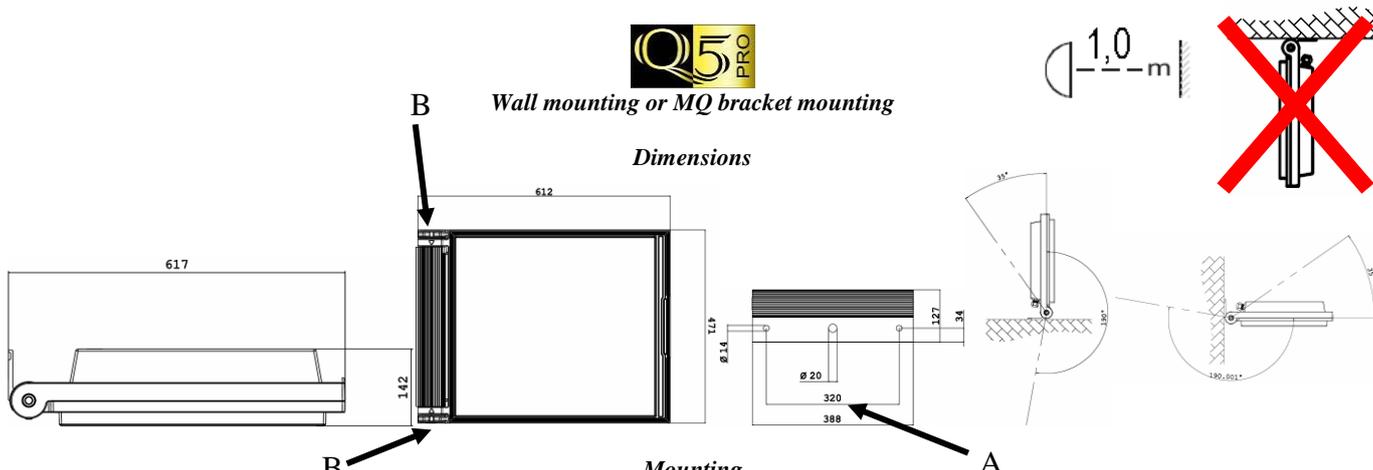
Mounting

Mount the bracket to the pole through the 4 8MA x 100 screws (A). Tighten the 4 screws (A) with a set screw wrench of 8mm applying a twisting moment of 8Nm. Connect the Q5 fixing support to the selected compatible bracket through the two 12MA x 70 screws (B). Tighten the screws with a set screw wrench of 10mm applying a twisting moment of 30 Nm. Tighten the two 12MA x 40 screws with a set screw wrench of 10mm applying a twisting moment of 60Nm to fix the fitting in horizontal position (C). See particular bracket mounting instructions for further details.



Wall mounting or MQ bracket mounting

Dimensions



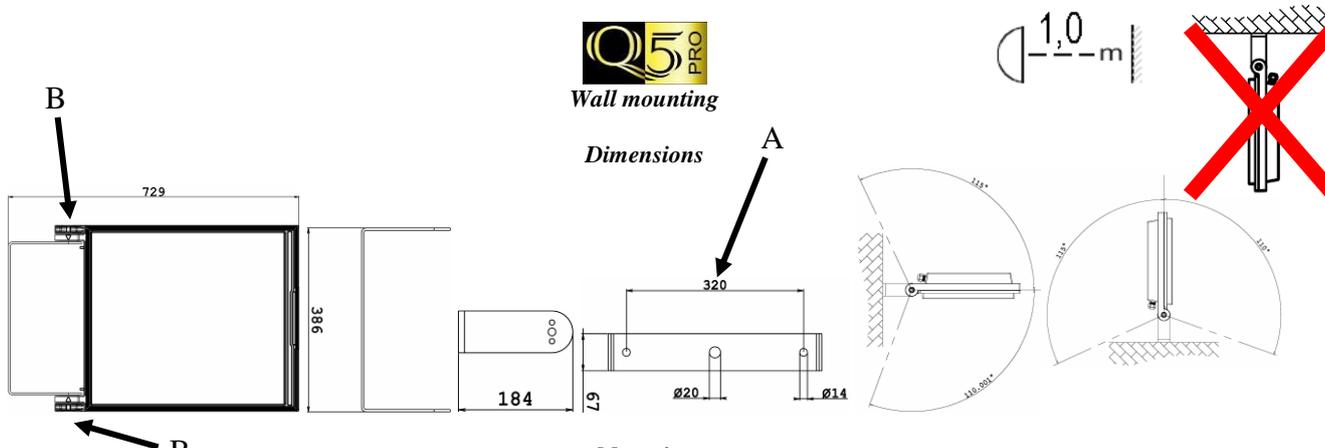
Mounting

Connect the Q5 through the wall mounting support according to the indicated holes interaxes (A). Tighten the screws with the correct twisting moment. Choose the horizontal inclination then tighten the two 12MA x 40 screws with a set screw wrench of 10mm applying a twisting moment of 60Nm to fix the fitting in position (B). See particular mounting accessories instructions for further mounting positions and solutions.



Wall mounting

Dimensions



Mounting

Connect the Q5 through the wall mounting support E according to the indicated holes interaxes (A). Tighten the screws with the correct twisting moment. Choose the horizontal inclination then tighten the two 12MA x 40 screws with a set screw wrench of 10mm applying a twisting moment of 60Nm to fix the fitting in position (B). See particular mounting accessories instructions for further mounting positions and solutions.

MOUNTING AND MAINTENANCE INSTRUCTION

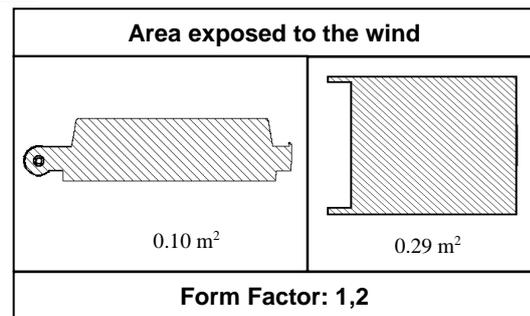
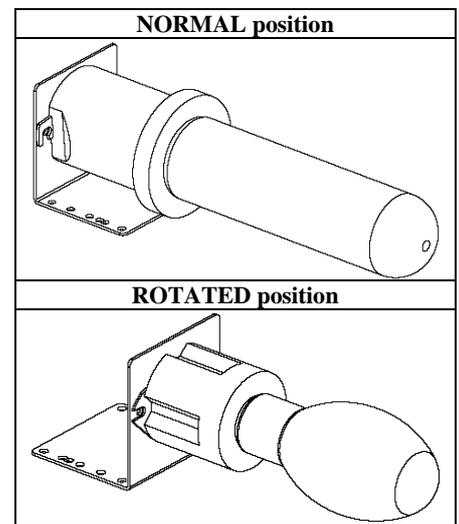
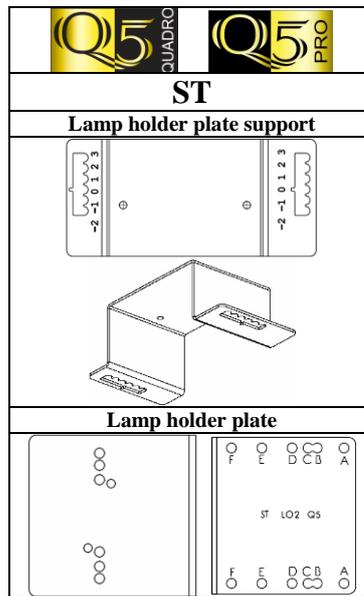


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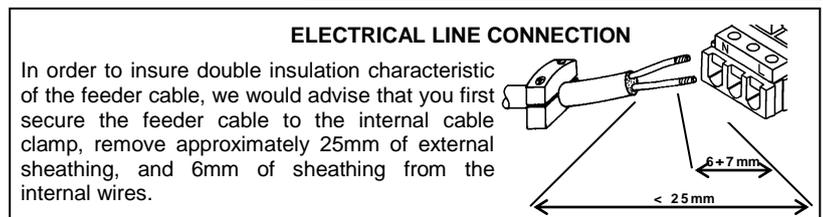
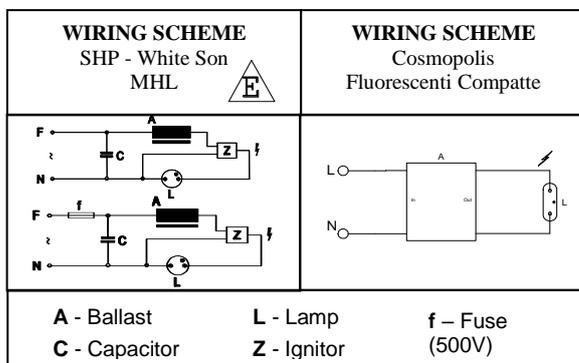
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Lamp Holder	Lamp	MHL					SHP				White Son
		140W	100W	150W	250W	400W	100W	150W	250W	400W	100W
		Optic									
E27			•	•							
E40			•	•	•	•	•	•	•		
G12				•	•						
G22					•						
PG12-1										•	
PGX12-2				•							
PGZ12		•									

Optic	Lamp holder	Lamp	Pos.
ST	E27	100W MHL-E	C rot.
ST	E27	150W MHL-E	C rot
ST	E40	100W MHL-T	F
ST	E40	150W MHL-T	F
ST	E40	250W MHL-T	E*
ST	E40	250W MHL-T	D**
ST	E40	400W MHL-T	A
ST	E40	100W SHP-T	F
ST	E40	150W SHP-T	F
ST	E40	250W SHP-T	D
ST	E40	400W SHP-T	A
ST	G12	150W MHL	C rot + spacer
ST	G12	250W MHL	C rot + spacer
ST	G22	250W MHL	C rot
ST	PG12-1	100W SHP-White	B rot
ST	PGX12-2	150W MHL	B rot
ST	PGZ12	140W CPO	B rot



* lamp with quartzitic burner
** lamp with ceramic burner



ATTENTION

- The luminaire can be installed close to flammable surfaces.
- Outdoor luminaire for $T_a=30^{\circ}\text{C}$.
- Class II luminaires must be installed in such a way that it is impossible for any exposed metal part to come in contact with electrical components.
- Luminaires for Metal Halide lamps must be always complete with its protective screen.
- For luminaires with Metal Halide lamps, damaged protective shields can only be replaced with original AEC Illuminazione's replacement shields.
- On luminaires for Metal Halide lamps use only UV Stop protected lamps.
- This luminaire has been designed and manufactured following all relevant standards. The installation must be done by experienced personnel and following the instructions.

The present instruction paper has to be kept for any future maintenance operation on the luminaire.
Non compliance with the above will automatically release AEC Illuminazione Srl from any responsibility.