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SMART



Technical Features

- Luminaires for high pressure mercury vapour lamp, high pressure sodium lamp, metal halide lamp or compact fluorescent lamp.
- Housing of die-cast aluminium alloy, painted electrostatically in silver colour or in twin colours on request.
- Adjustable reflector from anodized high purity aluminium (99,8%).
- Porcelain lampholder with horizontal and vertical mechanical focusing device.
- Gaskets made of anti-age weather resistant silicon rubber.
- Connection to power supply via a cable gland PG13,5 with protection IP68.
- Teflon filter for decompressing the luminaire.
- Gear tray of galvanized steel for Class I or of a special thermoplastic material for Class II.
- For Class II electrical safety switch disconnects the main power supply on opening the luminaire in maintenance.
- Post top entry installation $\text{Ø}46 \div 60\text{mm}$ or with accessory $\text{Ø}72 \div 76\text{mm}$, with tilt angles 0° , $+5^\circ$, $+10^\circ$.
- Side entry installation, $\text{Ø}46 \div 60\text{mm}$ (the luminaire gets inclination of the arm). An inclination luminaire accessory limiting the tilt at 0° is supplied, in case of side entry installation with tilt of 10° and 15° .
- The luminaires are in accordance with regulations EN 60598-2-3.
- Connection for operation on 230V-50Hz with a conventional control gear and power factor correction capacitor.

STREET LIGHTING

SMART

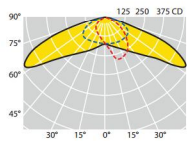
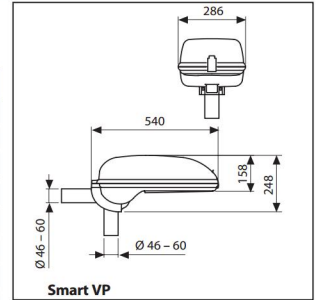
SMART VP



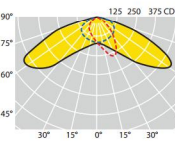
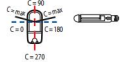
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HME	HIT-CE	HST	HIT
OSRAM: HCL PHILIPS: HPL	OSRAM: HCL-TT PHILIPS: COM-TT	OSRAM: HCL-T PHILIPS: SON-T	OSRAM: HCL-T20 PHILIPS: HPI-T PLUS

- Output ratio type cut-off. Optic group with thermal toughened flat glass. Wind exposed surface: 0,0870m².

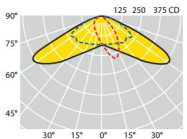
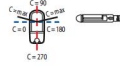
Code	Description
For high pressure mercury vapour lamp	
724012	1x 80W HME / E27
724022	1x125W HME / E27
724032	1x250W HME / E40
For high pressure sodium lamp	
724072	1x 70W HST / E27
724082	1x100W HST / E40
724092	1x150W HST / E40
724102	1x250W HST / E40
For metal halide lamp	
724072	1x 70W HIT-CE / E27
724082	1x100W HIT-CE / E40
724092	1x150W HIT-CE / E40
724042	1x250P HIT-CE / E40: 250W OSRAM HQI-T/NSI , PHILIPS HPI-T PLUS , SYLVANIA HSI-THX



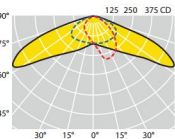
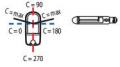
70W HST / E27
POS. B-3-A C max=25°



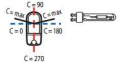
100W HST / E40
POS. B-4-A C max=25°



150W HST / E40
POS. X-4-A C max=20°



Cosmo White 140W HIT-CE / PGZ12
POS. C-3-A C max=25°



Note: The preceding luminaires are also available in class II.

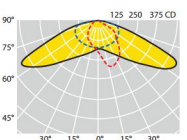
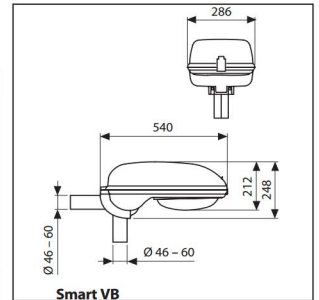
SMART VB



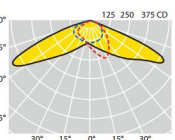
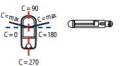
CE	F	IP 66	
HME	HIT-CE	HST	HIT
OSRAM: HCL PHILIPS: HPL	OSRAM: HCL-TT PHILIPS: COM-TT	OSRAM: HCL-T PHILIPS: SON-T	OSRAM: HCL-T20 PHILIPS: HPI-T PLUS

- Output ratio type semi cut-off. Optic group with thermal toughened curved glass. Wind exposed surface: 0,0980m².

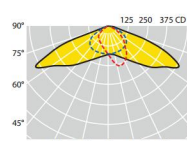
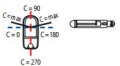
Code	Description
For high pressure mercury vapour lamp	
725012	1x 80W HME / E27
725022	1x125W HME / E27
725032	1x250W HME / E40
For high pressure sodium lamp	
725072	1x 70W HST / E27
725082	1x100W HST / E40
725092	1x150W HST / E40
725102	1x250W HST / E40
For metal halide lamp	
725072	1x 70W HIT-CE / E27
725082	1x100W HIT-CE / E40
725092	1x150W HIT-CE / E40
725042	1x250P HIT-CE / E40: 250W OSRAM HQI-T/NSI , PHILIPS HPI-T PLUS , SYLVANIA HSI-THX



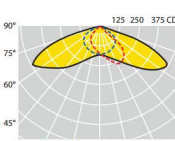
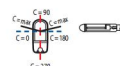
70W HST / E27
POS. B-3-A C max=25°



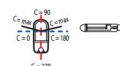
100W HST / E40
POS. A-4-A C max=25°



100W HST / E40
POS. B-4-A C max=25°



150W HST / E40
POS. A-4-A C max=30°



Note: The preceding luminaires are also available in class II.

ITINERA



Technical Features

- Luminaires for high pressure mercury vapour lamp, high pressure sodium lamp or metal halide lamp.
- Housing of die-cast aluminium alloy, painted electrostatically in silver colour or in twin colours on request.
- Adjustable reflector, made of high purity aluminium (99,8%).
- Porcelain lampholder with horizontal and vertical mechanical focusing device.
- Gaskets made of anti-age weather resistant silicon rubber.
- Connection to power supply via a cable gland PG13,5 – IP68.
- Teflon filter for decompressing the luminaire.
- Gear tray of galvanized steel for Class I or of a special thermoplastic material for Class II.
- For Class II electrical safety switch disconnects the main power supply on opening the luminaire in maintenance.
- Post top entry installation Ømax.76mm , with tilt angles 0° , $+5^\circ$, $+10^\circ$, $+15^\circ$.
- Side entry installation, Ømax.76mm (the luminaire gets inclination of the arm or $+5^\circ$). An inclination luminaire accessory limiting the tilt at 00 is supplied, in case of side entry installation with tilt of 5° , 10° and 15° .
- The luminaire are in accordance with regulations EN 60598-1 & EN 60598-2-3.
- Connection for operation on 230V-50Hz with conventional control gear and power factor correction capacitor.
- Connection for operation with electronic control gear at Class II luminaires (lamps 150W HST, HIT-CE).

ITINERA

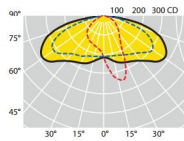
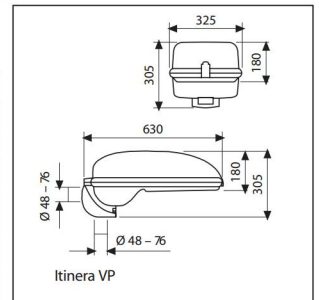
ITINERA VP



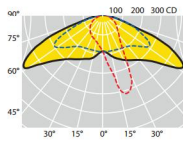
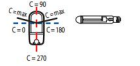
CE	F	IP 66	
HME	HST	HIT-CE	HSE
OSRAM: HCL PHILIPS: HPL	OSRAM: NAV-T PHILIPS: SON-T	OSRAM: HCS-TT PHILIPS: COM-TT	OSRAM: NAV-E PHILIPS: SON
HIT			
OSRAM: HQI-T/NSI PHILIPS: HPI-T PLUS			

- Output ratio type cut-off. Optic group with thermal toughened flat glass. Wind exposed surface: 0,0870m².

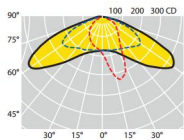
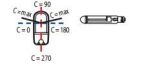
Code	Description
For high pressure mercury vapour lamp	
722032	1x250W HME / E40
For high pressure sodium lamp	
722092	1x150W HST or HSE / E40
722102	1x250W HST or HSE / E40
722112	1x400W HST / E40
722152	1x150/100W HST or HSE / E40 with two-level dimming
722132	1x250/150W HST or HSE / E40 with two-level dimming
722142	1x400/250W HST / E40 with two-level dimming
For metal halide lamp	
722092	1x150W HIT-CE / E40
722042	1x250P HIT* / E40
722062	1x400P HIT* / E40
* HIT 250-400W: OSRAM HQI-T/NSI, PHILIPS HPI-T PLUS, SYLVANIA HSI-THX	



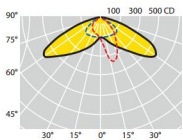
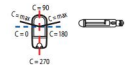
400W HST / E40
POS. FIX-3-A C max=15°



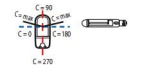
250W HST / E40
POS. A-3-A C max=20°



150W HST / E40
POS. B-3-D C max=25°



100W HST / E40
POS. B-3-D C max=20°



Note: The preceding luminaires are also available in **class II**.

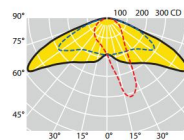
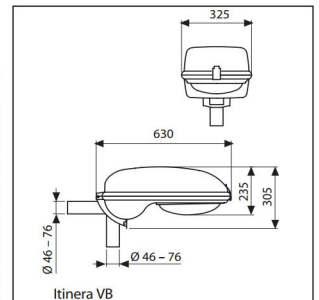
ITINERA VB



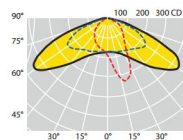
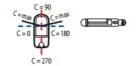
CE	F	IP 66	
HME	HIT-CE	HST	HIT
OSRAM: HCL PHILIPS: HPL	OSRAM: HCS-TT PHILIPS: COM-TT	OSRAM: NAV-T PHILIPS: SON-T	OSRAM: HQI-T/NSI PHILIPS: HPI-T PLUS

- Output ratio type semi cut-off. Optic group with thermal toughened curved glass. Wind exposed surface: 0,1080m².

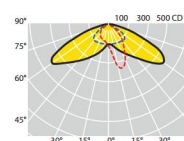
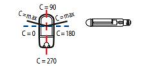
Code	Description
For high pressure mercury vapour lamp	
723032	1x250W HME / E40
For high pressure sodium lamp	
723092	1x150W HST or HSE / E40
723102	1x250W HST or HSE / E40
723152	1x150/100W HST or HSE / E40 with two-level dimming
723132	1x250/150W HST or HSE / E40 with two-level dimming
For metal halide lamp	
723092	1x150W HIT-CE / E40
723042	1x250P HIT / E40 250W: OSRAM HQI-T/NSI, PHILIPS HPI-T PLUS, SYLVANIA HSI-THX



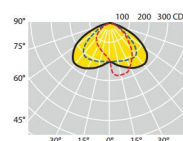
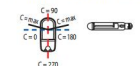
250W HST / E40
POS. A-3-A C max=20°



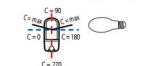
150W HST / E40
POS. B-3-D C max=25°



100W HST / E40
POS. B-3-D C max=20°



150W HIE / E40
POS. B-3-D C max=25°



Note: The preceding luminaires are also available in **class II**.

MACH 5 WAY



Technical Features

- Luminaires for high pressure mercury vapour lamp, high pressure sodium lamp or metal halide lamp.
- Housing of die-cast aluminium alloy, painted electrostatically in silver colour. Application of a protection coating aimed at ensuring excellent resistance to corrosion.
- Reflector made of anodized high purity aluminium (99,8%). Output ratio type cut-off.
- Porcelain lampholder.
- Gaskets made of anti-age weather resistant silicon rubber.
- Tempered glass suitable for high temperature, thermal shocks and crashes (6J).
- Connection to power supply via a cable gland PG13,5 – IP68.
- Teflon filter for decompressing the luminaire.
- Gear tray of galvanized steel for Class I or of a special selfextinguished thermoplastic material for Class II.
- For Class II electrical safety switch disconnects the main power supply on opening the luminaire in maintenance.
- Bracket made of galvanized painted steel with index for vertical orientation.
- Fixture installable directly on Ømax.60mm pole, with aluminium coated accessories suitable for the single or double assembly, and the single wall assembly.
- Wind exposed surface = 0,09 m² (with vertical addressing 0°).
- The luminaire are in accordance with regulations EN 60598-1 & EN 60598-2-3.
- Connection for operation on 230V-50Hz with conventional control gear and power factor correction capacitor.

MACH 5 WAY

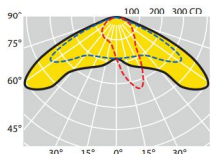
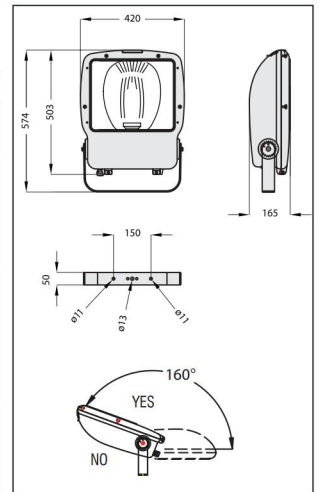
MACH 5 WAY



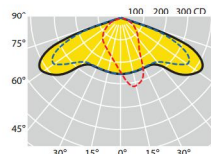
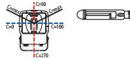
CE	F	IP 66	
HME	HST	HIT-CE	HSE
OSRAM: HCL PHILIPS: HPL	OSRAM: NAV-T PHILIPS: SON-T	OSRAM: HCS-TT PHILIPS: COM-TT	OSRAM: NAV-E PHILIPS: SON
HIT	OSRAM: HQI-T/NSI PHILIPS: HPI-T PLUS		

- Output ratio type cut-off. Optic group with thermal toughened flat glass. Wind exposed surface: 0,0870m².

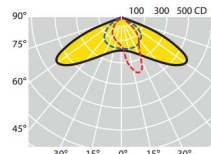
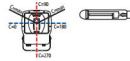
Code	Description
For high pressure mercury vapour lamp	
727022	1x125W HME / E27
727032	1x250W HME / E40
For high pressure sodium lamp	
727072	1x 70W HST or HSE / E27
727082	1x100W HST or HSE / E40
727092	1x150W HST or HSE / E40
727102	1x250W HST or HSE / E40
727112	1x400W HST / E40
727152	1x150/100W HST or HSE / E40 with two-level dimming
727132	1x250/150W HST or HSE / E40 with two-level dimming
727142	1x400/250W HST / E40 with two-level dimming
For metal halide lamp	
727072	1x 70W HIT-CE / E27
727082	1x100W HIT-CE / E40
727092	1x150W HIT-CE / E40
727042	1x250P HIT* / E40
727062	1x400P HIT* / E40
* HIT 250-400W: OSRAM HQI-T/NSI, PHILIPS HPI-T PLUS, SYLVANIA HSI-THX	



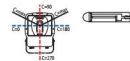
250W HST / E 40
POS. A C max=15°



400W HST / E 40
POS. A C max=5°



150W HST / E 40
POS. A C max=30°



Note: The preceding luminaires are also available in **class II**.

MACH 5 WAY - ACCESSORIES

AKRON 1



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- Single top pole mounting support in die-cast aluminium block Ø 60mm.

Code	Description
702302	AKRON 1 60235

AKRON 2



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- Double top pole mounting support in die-cast aluminium block Ø 60mm.

Code	Description
702303	AKRON 2 60237

AKRON 3



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- Wall mounting single support in die-cast aluminium.

Code	Description
702304	AKRON 3 60238

ROMA



Technical Features

- Luminaires for high pressure mercury vapour lamp, high pressure sodium lamp or metal halide lamp.
- Body and fixing device made of die-cast aluminium, painted electrostatically in silver colour. Application of a protection coating aimed at ensuring excellent resistance to corrosion.
- Reflector made of anodized high purity aluminium (99,8%).
- Cover of the electrical gear box made of black non-ageing plastic material.
- Porcelain lampholder E27 or E40, connecting wires with silicon gasket and locking clips.
- Clear polycarbonate bowl, UV resistant, with locking clips.
- Silicon rubber gasket.
- Installation directly on Ø60mm pole, with luminaire tilt 0° or 20°.
- Installation on bracket Ø60mm (the luminaire takes the tilt of the bracket).
- The luminaire are in accordance with regulations EN 60598-1.
- Connection for operation on 230V-50Hz with conventional control gear and power factor correction capacitor.
- Wind exposed surface = 0,098 m².

STREET LIGHTING

ROMA

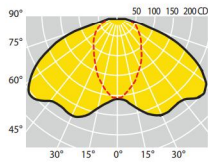
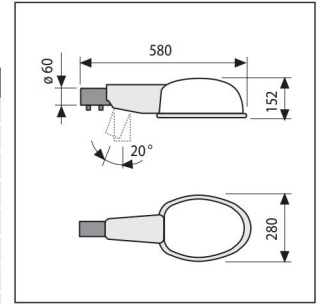
ROMA



CE	F	IP 44 optical assembly with bowl	IP 43 electrical accessories
HME OSRAM: HGL PHILIPS: HPL	HST OSRAM: NAV-T PHILIPS: SON-T	HIT-CE OSRAM: HCS-TT PHILIPS: COM-TT	HSE OSRAM: NAV-E PHILIPS: SON
HIT OSRAM: HPI-T PHILIPS: HPI-T PLUS			

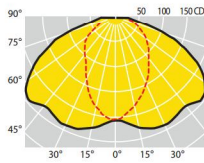
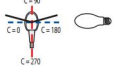
- Output ratio type cut-off. Optic group with thermal toughened flat glass. Wind exposed surface: 0,0870m².

Code	Description
For high pressure mercury vapour lamp	
721012	1x 80W HME / E27
721022	1x125W HME / E27
721032	1x250W HME / E40
For high pressure sodium lamp	
721072	1x 70W HST or HSE / E27
721082	1x100W HST or HSE / E40
721092	1x150W HST or HSE / E40
721102	1x250W HST or HSE / E40
For metal halide lamp	
721092	1x150W HIT-CE / E40
721042	1x250P HIT / E40 250W: OSRAM HQI-T/NSI, PHILIPS HPI-T PLUS, SYLVANIA HSI-THX



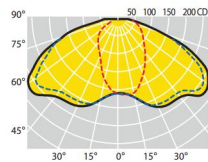
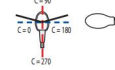
125W HME / E27

C max=0°



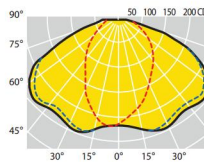
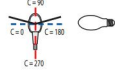
250W HME / E40

C max=0°



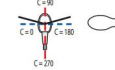
70W HSE / E27

C max=5°



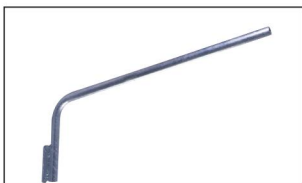
150W HSE / E40

C max=10°



ROMA - ACCESSORY

ARM



- Galvanized arm for wall or column mounting support
Ø60mm.

Code	Description
702301	ARM Ø60mm

