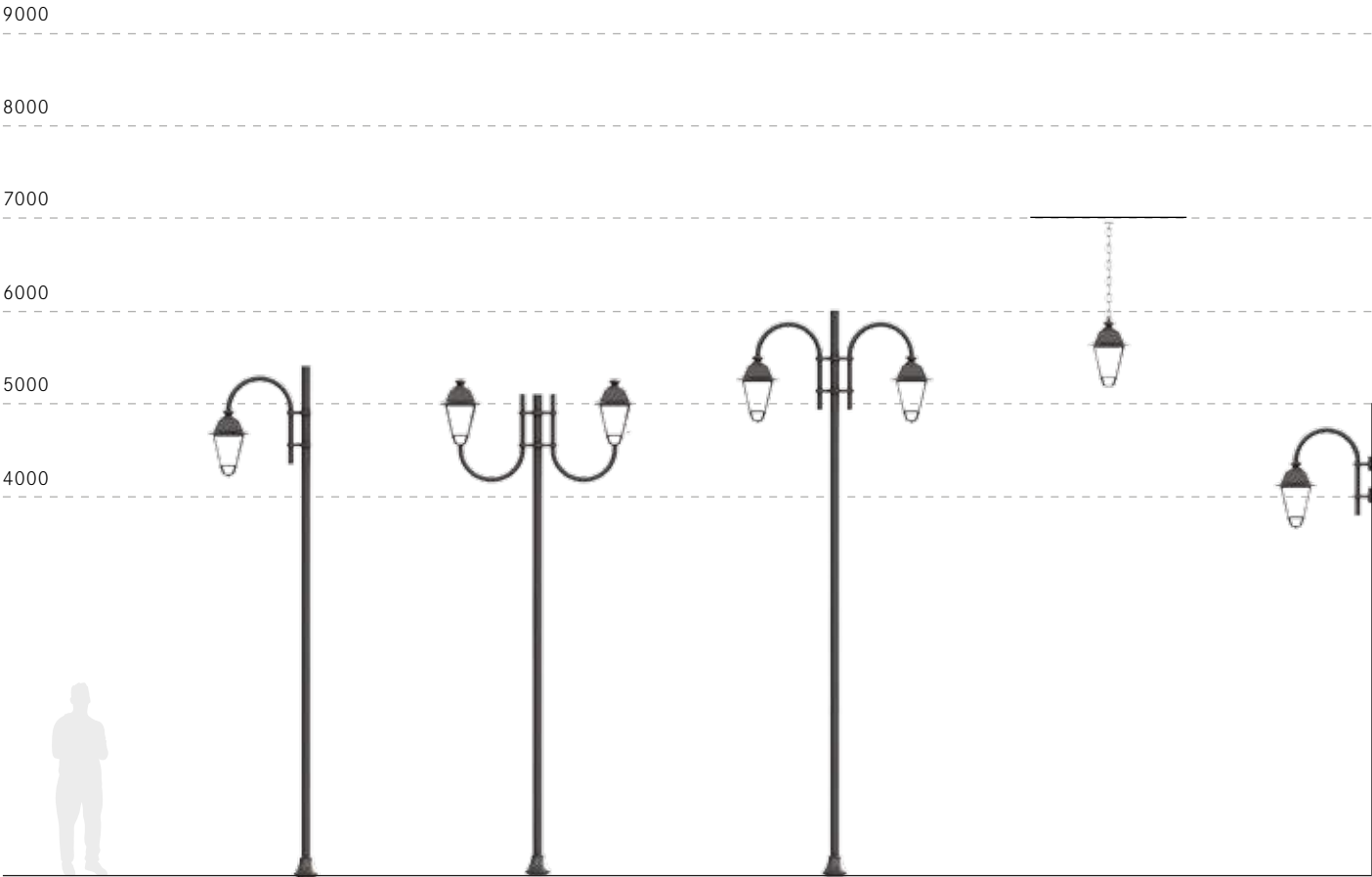
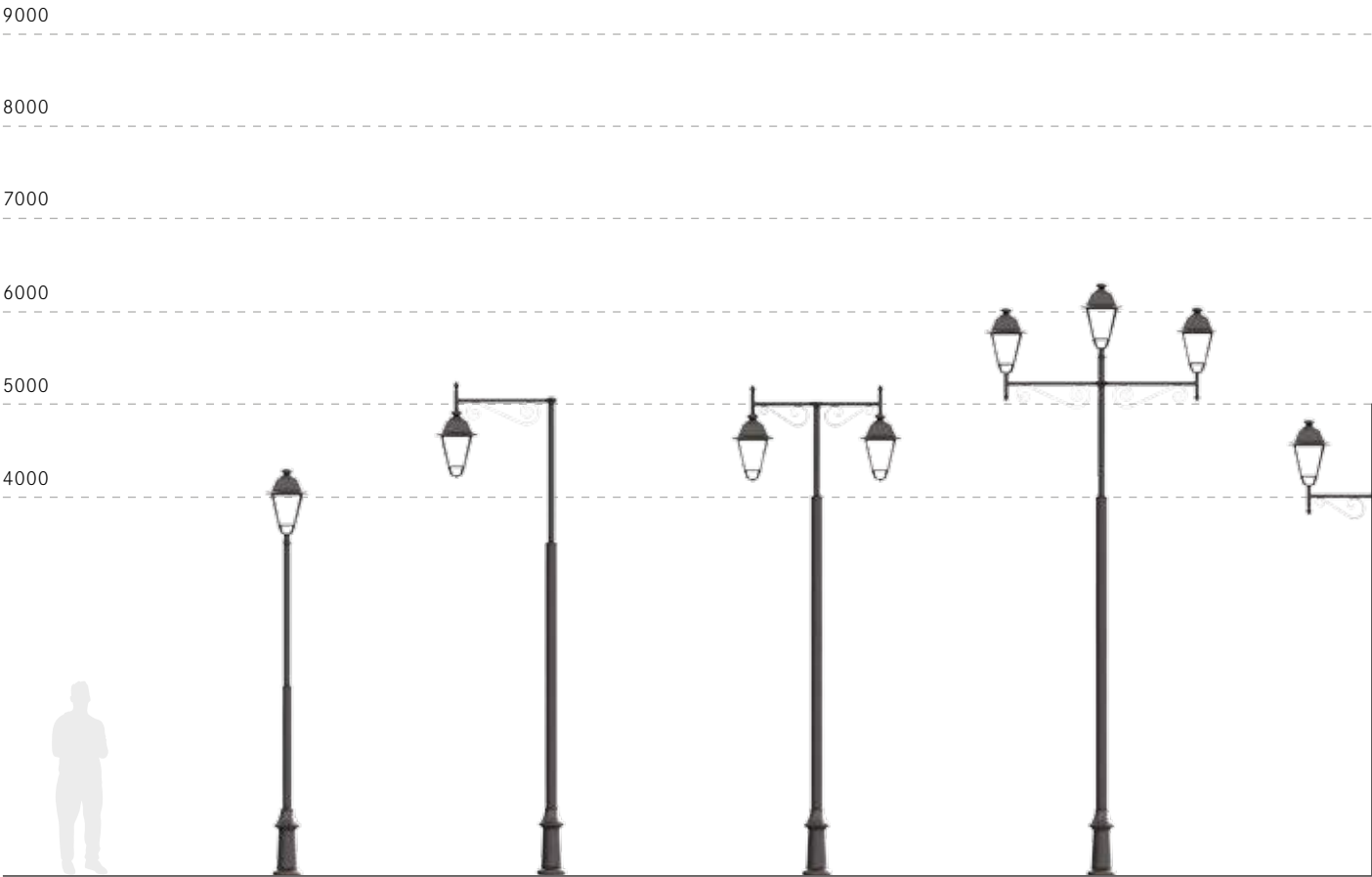


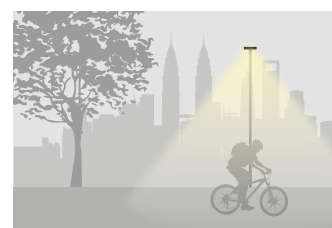
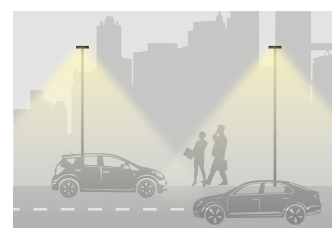
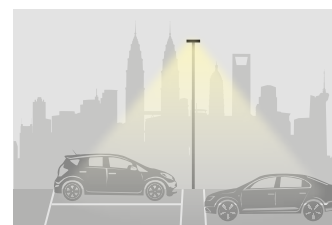
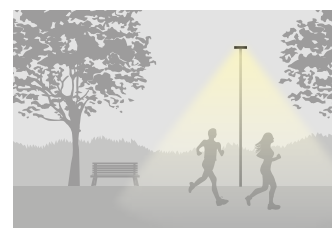
**Agathos**

Fivep





|                                                                                                                                                                                                                      |                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 220-240V<br>50/60Hz                                                                                                                                                                                                  | Tensione di alimentazione<br><i>Nominal voltage</i><br>Nennspannung                                                                         |
| CL I on request<br>CL II                                                                                                                                                                                             | Classe di isolamento elettrico<br><i>Electrical insulation class</i><br>Elektrische Isolierklasse                                           |
| IP66                                                                                                                                                                                                                 | Grado di protezione<br><i>Insulation protection degree</i><br>Isolationsschutzgrad                                                          |
| IK08                                                                                                                                                                                                                 | Protezione contro gli urti<br><i>Protection against impact</i><br>Stoßfestigkeit                                                            |
| >0.90                                                                                                                                                                                                                | Fattore di potenza<br><i>Power factor</i><br>Leistungsfaktor                                                                                |
| 10kV                                                                                                                                                                                                                 | Protezioni da sovratensioni di modo comune<br><i>Common mode overvoltage protection</i><br>Schutz vor Gleichtakt-Überspannungen             |
| 10kV                                                                                                                                                                                                                 | Protezioni da sovratensioni di modo differenziale<br><i>Differential mode overvoltage protection</i><br>Schutz vor Gegentakt-Überspannungen |
| -30° C<br>+50° C                                                                                                                                                                                                     | Temperatura ambiente<br><i>Ambient temperature</i><br>Umgebungstemperatur                                                                   |
| Sablé100 Noir                                                                                                                                                                                                        | Colori<br><i>Colours</i><br>Farben                                                                                                          |
| Included                                                                                                                                                                                                             | Alimentazione elettronica<br><i>Electronic power supply</i><br>Elektronische Stromversorgung                                                |
| HM3<br>CLO on request<br>Wireless on request<br>PLC on request<br>1-10V on request<br>DALI on request<br>Pilot line on request<br>Main voltage variation<br>on request<br>Motion detectors/<br>brightness on request | Illuminazione intelligente<br><i>Smart Lighting</i><br>Intelligente Beleuchtung                                                             |



**Installazione:** palo, braccio, parete, soffitto

**Installation:** post, arm, wall, ceiling

**Installation:** Mast, Arm, Wand, Decke

|                                              |
|----------------------------------------------|
| <b>2135-11745lm</b>                          |
| <b>ULOR: 0%</b><br><b>DLOR: 100%</b>         |
| <b>4000K</b><br><b>3000K</b><br><b>2200K</b> |

Flusso sorgente  
*Source flux*  
Lichtstrom der Lichtquelle

Cut-Off  
*Cut-Off*  
Cut-Off

Temperatura colore  
*Colour temperature*  
Farbtemperatur

**≥70**  
**≥80 on request**

Indice di resa cromatica (CRI)  
*Colour rendering index (CRI)*  
Farbwiedergabe-Index (CRI)

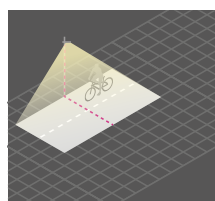
**> 160.000h**  
**@700mA @Ta25° C**  
**TM21 L80B20**

Durata di vita delle sorgenti  
*Source lifetime*  
Lebensdauer der Quellen

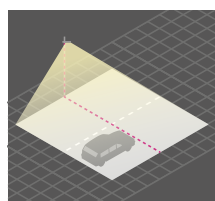
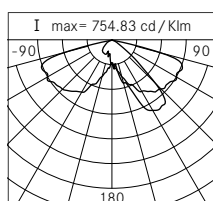
**> 160.000h**  
**@700mA @Ta25° C**  
**TM21 L80B10**

Ottiche asimmetriche stradali

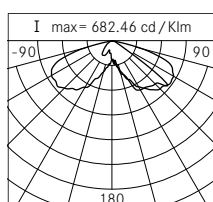
*Street asymmetrical optics* Optik asymmetrisch straßenleuchte



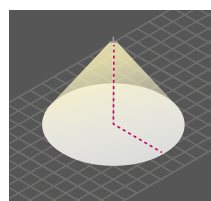
**ST-01** (L/H = 0.75)



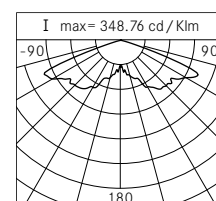
**LA-01** (L/H = 1.25)



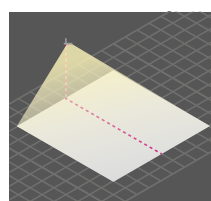
Ottiche rotosimmetriche *Rotosymmetrical optics* Optik rotosymmetrisch



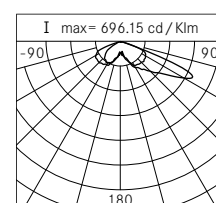
**RS-01**



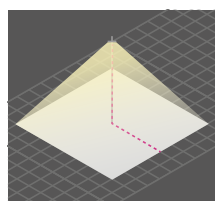
Ottiche asimmetriche *Asymmetrical optics* Optik asymmetrisch



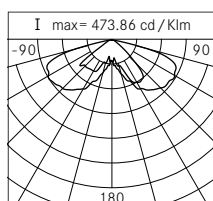
**LT-06** (L/H = 2)



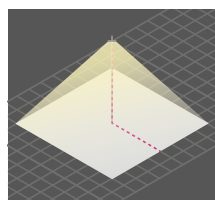
Ottiche Front & Back *Front & Back optics* Straßenoptik Front & Back Optik



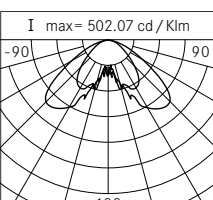
**ST-01** (L/H = 0.75) +  
**LA-01** (L/H = 1.25)



Ottiche comfort *Comfort optics* Komfort Optik



**CO-01** (L/H = 1.25)



L = Larghezza strada, *Street Width*, Straßenbreite

H = Altezza palo, *Pole Height*, Lichtpunkthöhe



# Agathos



Sistema ottico multilayers  
*Multilayer optical system*  
Optisches System "Multilayer"



Cut - Off  
*Cut - Off*  
Cut - Off

2200K

Luce calda 2200K  
*Warm Light 2200K*  
Warme Licht 2200K



Ottica Front & Back  
*Front & Back optics*  
Optik Front & Back



Illuminazione intelligente  
*Smart Lighting*  
Intelligente Beleuchtung

lm/W

Maggiore efficienza energetica  
*Greater energy efficiency*  
Höhere Energieeffizienz

160.000h  
L80B20  
L80B10

Maggiore durata vita delle sorgenti  
*Longer lifetime of sources*  
Längere Lebensdauer von Leuchtmitteln



Ta -30°C +50°C  
*Ta -30°C +50°C*  
Ta -30°C +50°C



Resistenza agenti chimici/atmosferici  
*Resistance to chemical/atmospheric agents*  
Widerstand chemische/atmosphärische



Resistenza sovratensioni fino a 10kV  
*Overvoltage resistance up to 10kV*  
Überspannungsfestigkeit bis 10kV

CLO

CLO (Constant Lumen Output)  
*CLO (Constant Lumen Output)*  
CLO (Constant Lumen Output)



Trasporti ottimizzati  
*Shipping optimization*  
Transport optimiert



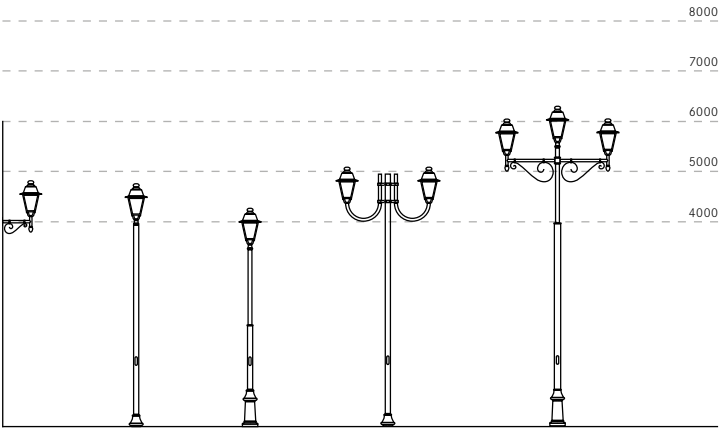
Sostituibilità gruppo ottico  
*Optical unit substitutability*  
Ersetzbarkeit der optischen Einheit



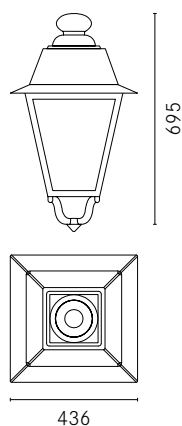
Sostituibilità gruppo alimentazione  
*Power supply unit substitutability*  
Ersetzbarkeit der Versorgungseinheit



|              |             |       |      |      |
|--------------|-------------|-------|------|------|
| 220<br>240 V | 50<br>60 Hz | CL II | IP66 | IK08 |
|--------------|-------------|-------|------|------|



## Agathos UP brackets and poles



Max Weight: 8kg  
Max exposed surface: 0.194m²  
Lateral exposed surface: 0.09m²

|                                      |             |                  |                                                            |                      |               |                                       |
|--------------------------------------|-------------|------------------|------------------------------------------------------------|----------------------|---------------|---------------------------------------|
| Agathos<br>01AG1                     |             |                  |                                                            |                      |               |                                       |
| Led (source flux) Ref. @700mA @4000K |             |                  |                                                            |                      |               |                                       |
| 4035lm 24W<br>B2                     |             | 7930lm 48W<br>C4 |                                                            | 11745lm 72W<br>D6    |               |                                       |
| Led (source flux) Ref. @700mA @3000K |             |                  |                                                            |                      |               |                                       |
| 3845lm 24W<br>B2                     |             | 7560lm 48W<br>C4 |                                                            | 11200lm 72W<br>D6    |               |                                       |
| mA                                   |             |                  |                                                            |                      |               |                                       |
| 700 525 350<br>0                     |             |                  |                                                            |                      |               |                                       |
| K                                    |             |                  |                                                            |                      |               |                                       |
| 4000<br>0                            | 3000<br>9   | 2200*<br>1       | *Only for 48W and 72W<br>Optics LA-01, ST-01, LT-06, CO-01 |                      |               |                                       |
| Optics                               |             |                  |                                                            |                      |               |                                       |
| ST-01<br>30                          | LA-01<br>31 | LT-06<br>37      | RS-01<br>35                                                | ST-01 + LA-01*<br>76 | CO-01**<br>79 | *4035lm + 4035lm<br>**Only for 7930lm |
| Colors                               |             |                  |                                                            |                      |               |                                       |
| Sablé100<br>C                        |             |                  |                                                            |                      |               |                                       |
| Smart Lighting                       |             |                  |                                                            |                      |               |                                       |
| Preset virtual midnight<br>HM3       |             |                  |                                                            |                      |               |                                       |

Esempio Example Beispiel

|              |           |          |          |           |          |            |
|--------------|-----------|----------|----------|-----------|----------|------------|
| <b>01AG1</b> | <b>B2</b> | <b>0</b> | <b>0</b> | <b>35</b> | <b>C</b> | <b>HM3</b> |
|--------------|-----------|----------|----------|-----------|----------|------------|

## Accessori Accessories Zubehör

## 01AG901C0 - Sablé100

Kit testa palo per pali Ø60mm

Fastening kit on poles Ø60mm

Feste Mastverbindung für Mast Ø60mm



## 01AG902C0 - Sablé100

Adattatore 3/4" gas per bracci UP &amp; DOWN Ø60mm

Fastening adapter 3/4" gas for arms UP &amp; DOWN Ø60mm

Adapter Stiftstrecker 3/4" gas für Ausleger UP &amp; DOWN Ø60mm

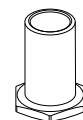


## 01AG900C0

Kit fissaggio per pali/bracci UP con attacco 3/4" gas femmina

Fastening kit on poles/arms UP with female 3/4" gas

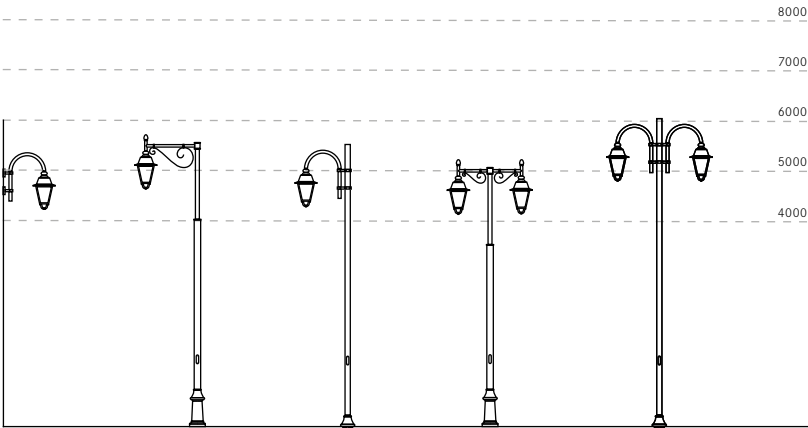
Befestigungssystem für Mast/Ausleger UP Stiftstecker 3/4" gas



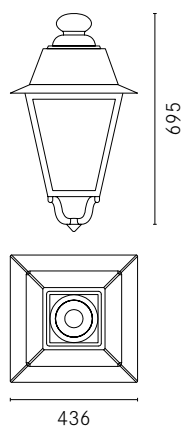
Verifica compatibilità con pali e bracci. Check compatibility with poles and arms. Überprüfen Sie die Kompatibilität mit Masten und Armen. P. 316



|              |             |       |      |      |
|--------------|-------------|-------|------|------|
| 220<br>240 V | 50<br>60 Hz | CL II | IP66 | IK08 |
|--------------|-------------|-------|------|------|



## Agathos DOWN brackets and poles



Max Weight: 8kg

Max exposed surface: 0.194m²

Lateral exposed surface: 0.09m²

|                                       |                         |                          |
|---------------------------------------|-------------------------|--------------------------|
| Agathos<br><b>01AG3</b>               |                         |                          |
| Led (source flux) Ref. @700mA @4000K  |                         |                          |
| 4035lm 24W<br><b>B2</b>               | 7930lm 48W<br><b>C4</b> | 11745lm 72W<br><b>D6</b> |
| Led (source flux) Ref. @700mA @3000K  |                         |                          |
| 3845lm 24W<br><b>B2</b>               | 7560lm 48W<br><b>C4</b> | 11200lm 72W<br><b>D6</b> |
| mA                                    |                         |                          |
| 700 525 350<br><b>0</b>               |                         |                          |
| K                                     |                         |                          |
| 4000<br><b>0</b>                      | 3000<br><b>9</b>        | 2200*<br><b>1</b>        |
| *Only for 48W and 72W                 |                         |                          |
| Optics                                |                         |                          |
| ST-01<br><b>30</b>                    | LA-01<br><b>31</b>      | LT-06<br><b>37</b>       |
| Colors                                |                         |                          |
| Sablé100<br><b>C</b>                  |                         |                          |
| Smart Lighting                        |                         |                          |
| Preset virtual midnight<br><b>HM3</b> |                         |                          |

Esempio Example Beispiel

|              |           |          |          |           |          |            |
|--------------|-----------|----------|----------|-----------|----------|------------|
| <b>01AG3</b> | <b>B2</b> | <b>0</b> | <b>0</b> | <b>30</b> | <b>C</b> | <b>HM3</b> |
|--------------|-----------|----------|----------|-----------|----------|------------|

## Accessori Accessories Zubehör

**01AG902C0 - Sablé100**

Adattatore 3/4" gas per bracci UP &amp; DOWN Ø60mm

Fastening adapter 3/4" gas for arms UP &amp; DOWN Ø60mm

Adapter Stiftstrecker 3/4" gas für Ausleger UP &amp; DOWN Ø60mm



Verifica compatibilità con pali e bracci. Check compatibility with poles and arms. Überprüfen Sie die Kompatibilität mit Masten und Armen. P. 316

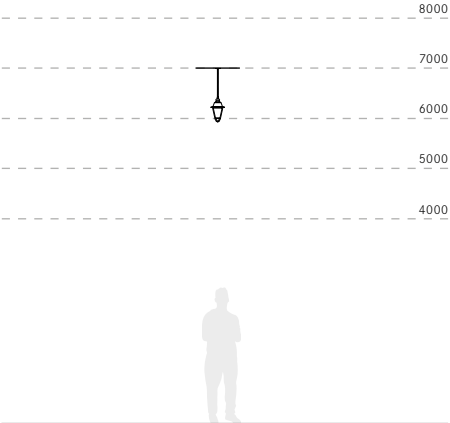
220  
240 V

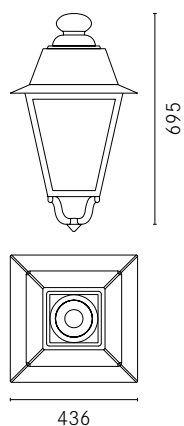
50  
60 Hz

CL II

IP66

IK08



**Agathos** DOWN ceiling


Max Weight: 8kg

Max exposed surface: 0.194m²

Lateral exposed surface: 0.09m²

|                                       |      |            |                       |
|---------------------------------------|------|------------|-----------------------|
| Agathos                               |      |            |                       |
| 01AG3                                 |      |            |                       |
| Led (source flux) Ref. @ 700mA @4000K |      |            |                       |
| 4035lm 24W                            |      | 7930lm 48W |                       |
| B2                                    |      | C4         |                       |
| Led (source flux) Ref. @ 700mA @3000K |      |            |                       |
| 3845lm 24W                            |      | 7560lm 48W |                       |
| B2                                    |      | C4         |                       |
| mA                                    |      |            |                       |
| 700 525 350                           |      | 0          |                       |
| K                                     |      |            |                       |
| 4000                                  | 3000 | 2200*      | *Only for 48W and 72W |
| 0                                     | 9    | 1          |                       |
| Optics                                |      |            |                       |
| RS-01                                 |      | 35         |                       |
| Colors                                |      |            |                       |
| Sablé100                              |      | C          |                       |
| Smart Lighting                        |      |            |                       |
| Preset virtual midnight               |      | HM3        |                       |

Esempio *Example* Beispiel

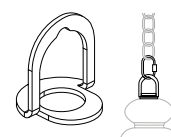
|              |           |          |          |           |          |            |
|--------------|-----------|----------|----------|-----------|----------|------------|
| <b>01AG3</b> | <b>B2</b> | <b>0</b> | <b>0</b> | <b>35</b> | <b>C</b> | <b>HM3</b> |
|--------------|-----------|----------|----------|-----------|----------|------------|

**Accessori Accessories Zubehör**
**01AG903C0**

Gancio per sospensione su catena (non compresa)

*Fastening System for catenary suspension system (not included)*

Befestigungssystem für Oberleitungaufhängen (nicht enthalten)



## Agathos UP

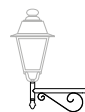
### Accessori *Accessories* Zubehör Agathos UP

#### 01AG924C0 - Sablé100

B64-P Braccio per parete UP L 600mm

*B64-P Wall bracket UP L 600mm*

B64-P Wandausleger UP L 600mm



#### 01AG914C0 - Sablé100

B64 Braccio UP L 670mm per palo rastremato Ø127-76mm

*B64 Arm UP L 670mm for tapered poles Ø127-76mm*

B64 Arm UP L 670mm für Verjüngten Masten Ø127-76mm



#### 01AG918C0 - Sablé100

B68 Braccio doppio UP 2xL 670mm per palo rastremato Ø127-76mm

*B68 Arm UP 2xL 670mm for tapered poles Ø127-76mm*

B68 Arm UP 2xL 670mm für Verjüngten Masten Ø127-76mm



#### 01AG925C0 - Sablé100

B65-P Braccio per parete UP L 1000mm

*B65-P Wall bracket UP L 1000mm*

B65-P Wandausleger UP L 1000mm



#### 01AG915C0 - Sablé100

B65 Braccio UP L 1000mm per palo rastremato Ø127-76mm

*B65 Arm UP L 1000mm for tapered poles Ø127-76mm*

B65 Arm UP L 1000mm für Verjüngten Masten Ø127-76mm

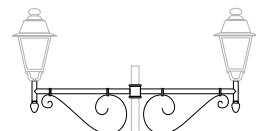


#### 01AG919C0 - Sablé100

B69 Braccio doppio UP 2xL 1000mm per palo rastremato Ø127-76mm

*B69 Arm UP 2xL 1000mm for tapered poles Ø127-76mm*

B69 Arm UP 2xL 1000mm für Verjüngten Masten Ø127-76mm

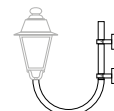


#### 01AG922C0 - Sablé100

B60-P Braccio per parete UP L 810mm

*B60-P Wall bracket UP L 810mm*

B60-P Wandausleger UP L 810mm

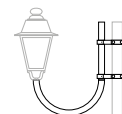


#### 01AG910C0 - Sablé100

B60 Braccio pastorale UP L 810mm per palo cilindrico Ø102mm

*B60 Arm UP L 810mm for cylindrical poles Ø102mm*

B60 Arm UP L 810mm für Zylindrischer Masten Ø102mm

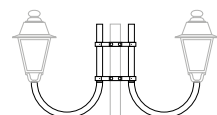


#### 01AG911C0 - Sablé100

B61 Braccio pastorale doppio UP 2xL 810mm per palo cilindrico Ø102mm

*B61 Arm UP 2xL 810mm for cylindrical poles Ø102mm*

B61 Arm UP 2xL 810mm für Zylindrischer Masten Ø102mm

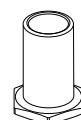


#### 01AG900C0

Kit fissaggio per pali / bracci UP con attacco 3/4" gas femmina

*Fastening kit on poles / arms UP with female 3/4" gas*

Befestigungssystem für Mast / Ausleger UP Stiftstecker 3/4" gas





Accessori *Accessories* Zubehör Agathos DOWN

**01AG926C0 - Sablé100**

B66-P Braccio per parete DOWN L 600mm

*B66-P Wall bracket DOWN L 600mm*

B66-P Wandausleger DOWN L 600mm



**01AG916C0 - Sablé100**

B66 Braccio DOWN L 670mm per palo rastremato Ø127-76mm

*B66 Arm DOWN L 670mm for tapered poles Ø127-76mm*

B66 Arm DOWN L 670mm für Verjüngten Masten Ø127-76mm

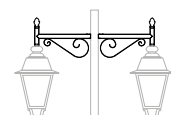


**01AG920C0 - Sablé100**

B70 Braccio doppio DOWN 2xL 670mm per palo rastremato Ø127-76mm

*B70 Arm DOWN 2xL 670mm for tapered poles Ø127-76mm*

B70 Arm DOWN 2xL 670mm für Verjüngten Masten Ø127-76mm



**01AG927C0 - Sablé100**

B67-P Braccio per parete DOWN L 1000mm

*B67-P Wall bracket DOWN L 1000mm*

B67-P Wandausleger DOWN L 1000mm

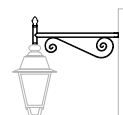


**01AG917C0 - Sablé100**

B67 Braccio DOWN L 1000mm per palo rastremato Ø127-76mm

*B67 Arm DOWN L 1000mm for tapered poles Ø127-76mm*

B67 Arm DOWN L 1000mm für Verjüngten Masten Ø127-76mm

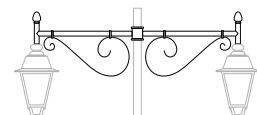


**01AG921C0 - Sablé100**

B71 Braccio doppio DOWN 2xL 1000mm per palo rastremato Ø127-76mm

*B71 Arm DOWN 2xL 1000mm for tapered poles Ø127-76mm*

B71 Arm DOWN 2xL 1000mm für Verjüngten Masten Ø127-76mm

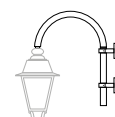


**01AG923C0 - Sablé100**

B62-P Braccio per parete DOWN L 810mm

*B62-P Wall bracket DOWN L 810mm*

B62-P Wandausleger DOWN L 810mm

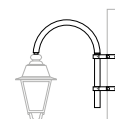


**01AG912C0 - Sablé100**

B62 Braccio pastorale DOWN L 810mm per palo cilindrico Ø102mm

*B62 Arm DOWN L 810mm for cylindrical poles Ø102mm*

B62 Arm DOWN L 810mm für Zylindrischer Masten Ø102mm

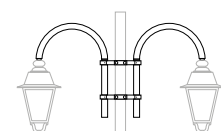


**01AG913C0 - Sablé100**

B63 Braccio pastorale doppio DOWN 2xL 810mm per palo cilindrico Ø102mm

*B63 Arm DOWN 2xL 810mm for cylindrical poles Ø102mm*

B63 Arm DOWN 2xL 810mm für Zylindrischer Masten Ø102mm



## Agathos

### Accessori *Accessories* Zubehör Agathos

---

#### **01AK970C0 - Sablé 100**

Collarino per pali Ø102-76 mm

*Collar pole Ø102-76 mm*

Kragen für Mast Ø102-76 mm



---

#### **01AK971C0 - Sablé 100**

Collarino per pali Ø127-76 mm

*Collar pole Ø127-76 mm*

Kragen für Mast Ø127-76 mm



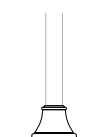
---

#### **01AK972C0 - Sablé 100**

Basamento basso Ø102 mm

*Down base Ø102 mm*

Unten basis Ø102 mm



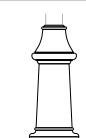
---

#### **01AK973C0 - Sablé 100**

Basamento alto Ø102-76 mm

*Upper base Ø102-76 mm*

Obere basis Ø102-76 mm



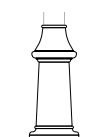
---

#### **01AK974C0 - Sablé 100**

Basamento alto Ø127-76 mm

*Upper base Ø127-76 mm*

Obere basis Ø127-76 mm





**Metalmek Lighting B.V**

Canadabaan7-d  
5388 RT Nistelrode  
Tel. 0412-614033

[info@metalmek.nl](mailto:info@metalmek.nl)  
[www.metalmek.nl](http://www.metalmek.nl)