

# ASTER-A SERIES (EU)



## LED Source

CRI>90  
CCT: 2700K / 3000K / 4000K

## Optic lens

## Driver

LED driver integrated or integrated in 3 phase adapter

## Accessories

Long snoot / Asymmetrical snoot

## Finish Colours

Black / White

# ASTER-A (EU)

ASTER-A is a high-efficiency lighting solution that offers energy savings and excellent color rendering. It is compact, efficient and provides a range of color temperature options, making it ideal for lighting retail shop. The product claims to improve performance by 4-5% under the same conditions.



**Standard**



**Long snoot**



**Asymmetrical snoot**



Round  
40



Round  
50



Round  
64



Round  
90

Track  
Spotlight

Standard



- Distributions from narrow spot to wallwash
- Plug and play: change lens units without tools and with just one hand
- Beam angle: spot / medium / flood / wide flood



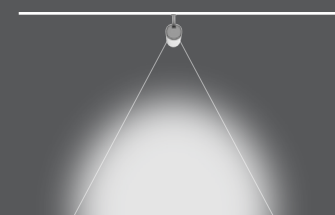
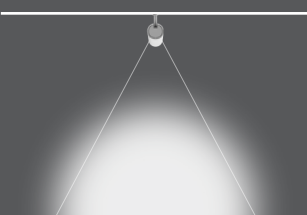
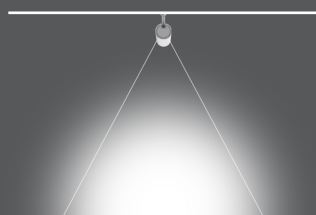
Standard



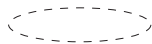
Long snoot



Asymmetrical snoot



Universal Track : GLOBAL, EUTRAC, NUCO, IVELA, STAFF, NORLUX



2319.xxx-**UA**-xxx

Adaptor(UA)

The track adapter comes with an integrated driver and is available in two versions: a 3-circuit 4-wire configuration, and a 3-circuit 6-wire version designed for DALI control systems.



2319.xxx-**AD3**-xxx

Adaptor(AD3)

The track adapter is available in two configurations: a standard 3-circuit 4-wire version, and a 3-circuit 6-wire version compatible with DALI control systems.



Lens



Oval filter



Honeycomb louver



Standard baffle



Long snout



Asymmetrical snout

UA



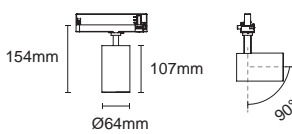
### Colours

Body : Black  White

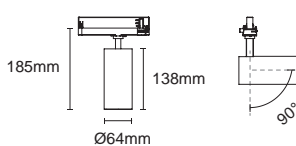
Baffle : Black  White

| Type | Article number     | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle            | CCT   | CRI |
|------|--------------------|-----------------|-------------|---------|-----------|-----------------|-----------------------|-------|-----|
|      | 2319.209-UA-300-HE | 10W             | AC 220-240V | 300 mA  | 1635 lm   | 1449 lm         | 18°/24°/36°/50°(Lens) | 4000K | 90  |
|      |                    |                 |             |         |           |                 |                       |       |     |
|      | 2319.200-UA-400-HE | 14W             | AC 220-240V | 400 mA  | 2106 lm   | 1921 lm         | 18°/24°/36°/50°(Lens) | 4000K | 90  |
|      | 2319.200-UA-700-HE | 26W             | AC 220-240V | 700 mA  | 3476 lm   | 3009 lm         | 18°/24°/36°/50°(Lens) | 4000K | 90  |
|      |                    |                 |             |         |           |                 |                       |       |     |

2319.209-UA-300-HE



2319.200-UA-400-HE  
2319.200-UA-700-HE



### Optional Accessory



S-001  
Long snoot

S-002  
Asymmetrical snoot

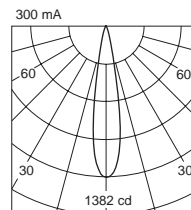
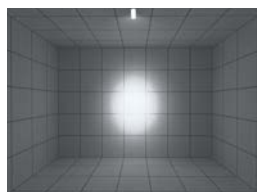
SG-001  
Striped glass

H-001  
Honeycomb louver

B-002  
Barndoor

 **18°**

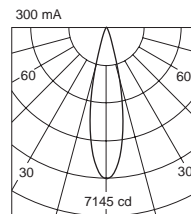
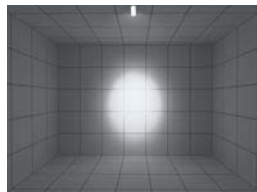
Spotlight  
2319.209-UA-300-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>18°</b> |      |       |
| 1.0        | 0.32 | 10442 |
| 2.0        | 0.65 | 2610  |
| 3.0        | 0.97 | 1160  |
| 4.0        | 1.30 | 652   |
| 5.0        | 1.62 | 417   |

 **24°**

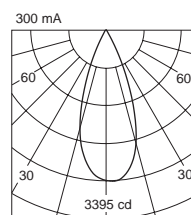
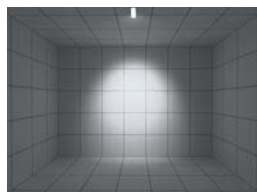
Spotlight  
2319.209-UA-300-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>24°</b> |      |       |
| 1.0        | 0.42 | 7151  |
| 2.0        | 0.84 | 1788  |
| 3.0        | 1.27 | 794   |
| 4.0        | 1.69 | 447   |
| 5.0        | 2.11 | 286   |

 **36°**

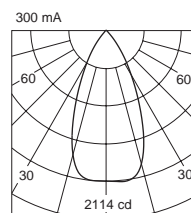
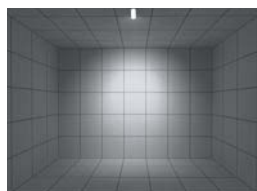
Spotlight  
2319.209-UA-300-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>36°</b> |      |       |
| 1.0        | 0.70 | 3385  |
| 2.0        | 1.41 | 846   |
| 3.0        | 2.12 | 376   |
| 4.0        | 2.82 | 211   |
| 5.0        | 3.53 | 135   |

 **50°**

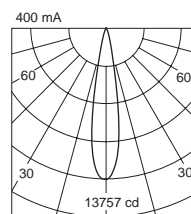
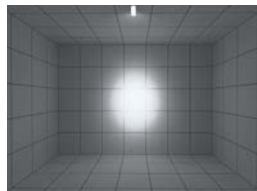
Spotlight  
2319.209-UA-300-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>50°</b> |      |       |
| 1.0        | 0.89 | 2094  |
| 2.0        | 1.78 | 523   |
| 3.0        | 2.67 | 232   |
| 4.0        | 3.57 | 130   |
| 5.0        | 4.46 | 83    |

 **18°**

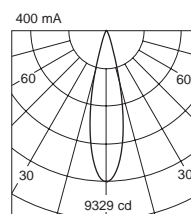
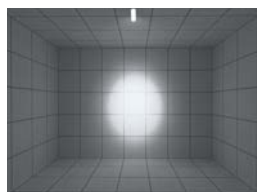
Spotlight  
2319.200-UA-400-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>18°</b> |      |       |
| 1.0        | 0.33 | 13770 |
| 2.0        | 0.65 | 3443  |
| 3.0        | 0.98 | 1530  |
| 4.0        | 1.31 | 860   |
| 5.0        | 1.63 | 550   |

 **24°**

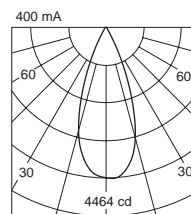
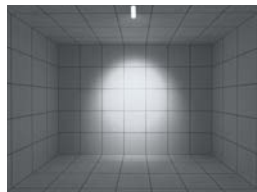
Spotlight  
2319.200-UA-400-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>24°</b> |      |       |
| 1.0        | 0.43 | 9333  |
| 2.0        | 0.85 | 2333  |
| 3.0        | 1.28 | 1037  |
| 4.0        | 1.70 | 583   |
| 5.0        | 2.12 | 373   |

 **36°**

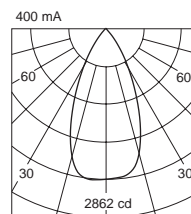
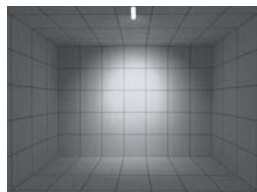
Spotlight  
2319.200-UA-400-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>36°</b> |      |       |
| 1.0        | 0.71 | 4452  |
| 2.0        | 1.42 | 1113  |
| 3.0        | 2.13 | 494   |
| 4.0        | 2.83 | 278   |
| 5.0        | 3.54 | 178   |

 **50°**

Spotlight  
2319.200-UA-400-HE



| H(m)       | D(m) | E(lx) |
|------------|------|-------|
| <b>50°</b> |      |       |
| 1.0        | 0.89 | 2842  |
| 2.0        | 1.76 | 710   |
| 3.0        | 2.66 | 315   |
| 4.0        | 3.55 | 177   |
| 5.0        | 4.44 | 113   |

UA



### Colours

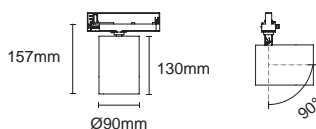
Body : Black  White

Baffle : Black  White

| Type | Article number      | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle                  | CCT   | CRI |
|------|---------------------|-----------------|-------------|---------|-----------|-----------------|-----------------------------|-------|-----|
|      | 2319.223-UA-500-HE  | 17W             | AC 220-240V | 500 mA  | 2706 lm   | 2516 lm         | 16°/25°/38°/45° (Reflector) | 4000K | 90  |
|      | 2319.223-UA-700-HE  | 24W             | AC 220-240V | 700 mA  | 3746 lm   | 3477 lm         | 16°/25°/38°/45° (Reflector) | 4000K | 90  |
|      | 2319.223-UA-1050-HE | 38W             | AC 220-240V | 1050 mA | 5664 lm   | 4560 lm         | 16°/25°/38°/45° (Reflector) | 4000K | 90  |



|  |                        |     |             |         |         |         |                             |       |    |
|--|------------------------|-----|-------------|---------|---------|---------|-----------------------------|-------|----|
|  | 2319.223-UA-500-HE-DA  | 17W | AC 220-240V | 500 mA  | 2706 lm | 2516 lm | 16°/25°/38°/45° (Reflector) | 4000K | 90 |
|  | 2319.223-UA-700-HE-DA  | 24W | AC 220-240V | 700 mA  | 3746 lm | 3477 lm | 16°/25°/38°/45° (Reflector) | 4000K | 90 |
|  | 2319.223-UA-1050-HE-DA | 38W | AC 220-240V | 1050 mA | 5664 lm | 4560 lm | 16°/25°/38°/45° (Reflector) | 4000K | 90 |



### Optional Accessory



SG-007  
Striped glass



H-002  
Honeycomb louver

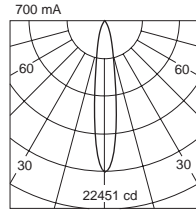
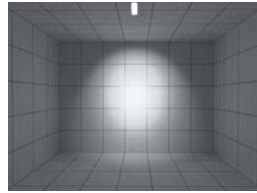


B-003  
Barndoor

 **16°**

Spotlight

2319.223-UA-700-HE

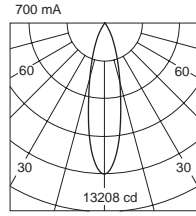
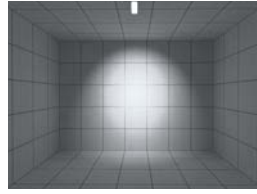


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 16°  |      |       |
| 1.0  | 0.28 | 22473 |
| 2.0  | 0.57 | 5618  |
| 3.0  | 0.85 | 2497  |
| 4.0  | 1.14 | 1405  |
| 5.0  | 1.42 | 898   |

 **25°**

Spotlight

2319.223-UA-700-HE

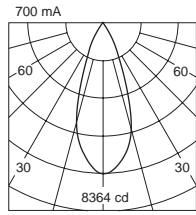
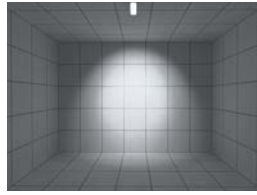


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 25°  |      |       |
| 1.0  | 0.43 | 13249 |
| 2.0  | 0.86 | 3312  |
| 3.0  | 1.29 | 1472  |
| 4.0  | 1.72 | 828   |
| 5.0  | 2.15 | 529   |

 **38°**

Spotlight

2319.223-UA-700-HE

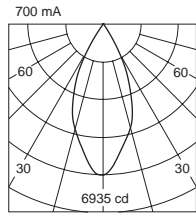
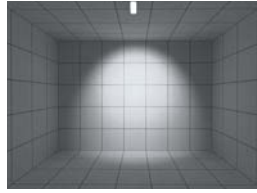


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 38°  |      |       |
| 1.0  | 0.68 | 8362  |
| 2.0  | 1.36 | 2091  |
| 3.0  | 2.05 | 929   |
| 4.0  | 2.73 | 522   |
| 5.0  | 3.41 | 334   |

 **45°**

Spotlight

2319.223-UA-700-HE



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 45°  |      |       |
| 1.0  | 0.80 | 6940  |
| 2.0  | 1.61 | 1735  |
| 3.0  | 2.41 | 771   |
| 4.0  | 3.21 | 433   |
| 5.0  | 4.02 | 277   |






UA

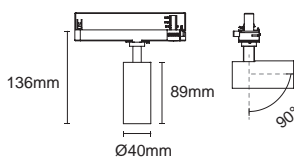


### Colours

Body : Black  White

Baffle : Black  White

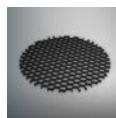
| Type  | Article number  | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle            | CCT   | CRI |
|---|-----------------|-----------------|-------------|---------|-----------|-----------------|-----------------------|-------|-----|
|  | 2319.225-UA-200 | 7W              | AC 220-240V | 200 mA  | 806 lm    | 707 lm          | 15°/24°/36°/50°(Lens) | 3000K | 90  |



### Optional Accessory



DS-010  
Oval filter



H-005  
Honeycomb louver


UA

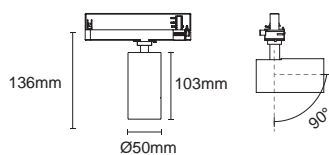


### Colours

Body : Black  White

Baffle : Black  White

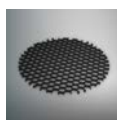
| Type  | Article number  | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle            | CCT   | CRI |
|---|-----------------|-----------------|-------------|---------|-----------|-----------------|-----------------------|-------|-----|
|  | 2419.204-UA-300 | 10W             | AC 220-240V | 300 mA  | 1274 lm   | 1047 lm         | 18°/25°/40°/50°(Lens) | 3000K | 90  |



### Optional Accessory



DS-011  
Oval filter



H-006  
Honeycomb louver

UA



### Colours

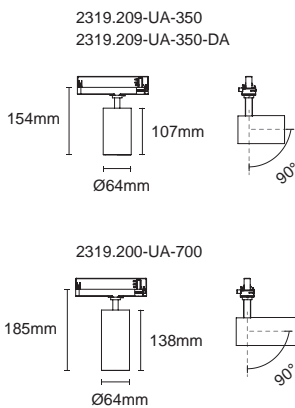
Body : Black  White

Baffle : Black  White

| Type | Article number  | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle            | CCT   | CRI |
|------|-----------------|-----------------|-------------|---------|-----------|-----------------|-----------------------|-------|-----|
|      | 2319.209-UA-350 | 12W             | AC 220-240V | 350 mA  | 1454 lm   | 1342 lm         | 20°/25°/38°/50°(Lens) | 3000K | 90+ |
|      | 2319.200-UA-700 | 25W             | AC 220-240V | 700 mA  | 2681 lm   | 2416 lm         | 20°/25°/38°/50°(Lens) | 3000K | 90+ |



|  |                    |     |             |        |         |         |                       |       |     |
|--|--------------------|-----|-------------|--------|---------|---------|-----------------------|-------|-----|
|  | 2319.209-UA-350-DA | 12W | AC 220-240V | 350 mA | 1454 lm | 1342 lm | 20°/25°/38°/50°(Lens) | 3000K | 90+ |
|--|--------------------|-----|-------------|--------|---------|---------|-----------------------|-------|-----|



### Optional Accessory



S-001  
Long snoot

S-002  
Asymmetrical snoot

SG-001  
Striped glass

H-001  
Honeycomb louver

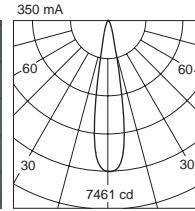
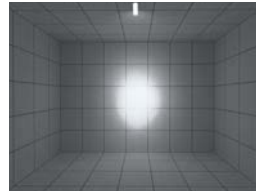
B-002  
Barndoor



20°

Spotlight

2319.209-UA-350



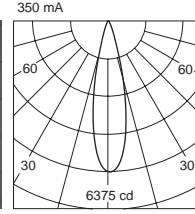
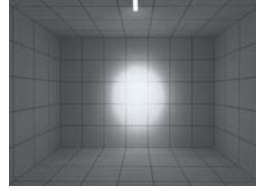
| H(m) | D(m) | E(lx) |
|------|------|-------|
| 20°  |      |       |
| 1.0  | 0.34 | 7449  |
| 2.0  | 0.69 | 1862  |
| 3.0  | 1.03 | 827   |
| 4.0  | 1.37 | 465   |
| 5.0  | 1.72 | 298   |



25°

Spotlight

2319.209-UA-350



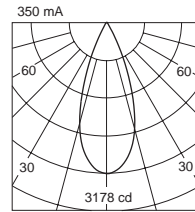
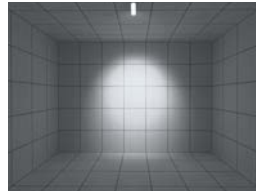
| H(m) | D(m) | E(lx) |
|------|------|-------|
| 25°  |      |       |
| 1.0  | 0.42 | 6371  |
| 2.0  | 0.84 | 1593  |
| 3.0  | 1.26 | 707   |
| 4.0  | 1.68 | 398   |
| 5.0  | 2.10 | 254   |



38°

Spotlight

2319.209-UA-350



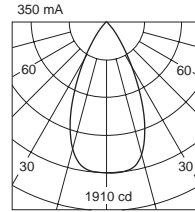
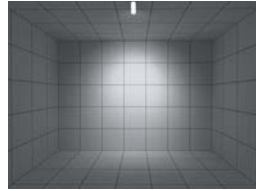
| H(m) | D(m) | E(lx) |
|------|------|-------|
| 38°  |      |       |
| 1.0  | 0.70 | 3175  |
| 2.0  | 1.39 | 793   |
| 3.0  | 2.09 | 352   |
| 4.0  | 2.78 | 198   |
| 5.0  | 3.48 | 127   |



50°

Spotlight

2319.209-UA-350



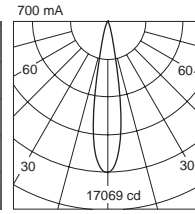
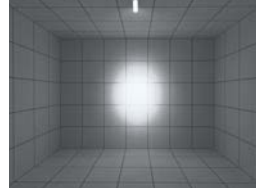
| H(m) | D(m) | E(lx) |
|------|------|-------|
| 50°  |      |       |
| 1.0  | 0.92 | 1886  |
| 2.0  | 1.84 | 471   |
| 3.0  | 2.77 | 209   |
| 4.0  | 3.69 | 117   |
| 5.0  | 4.61 | 75    |



20°

Spotlight

2319.200-UA-700



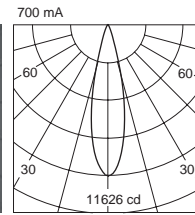
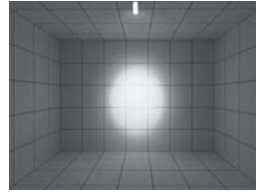
| H(m) | D(m) | E(lx) |
|------|------|-------|
| 20°  |      |       |
| 1.0  | 0.34 | 17073 |
| 2.0  | 0.67 | 4268  |
| 3.0  | 1.01 | 1897  |
| 4.0  | 1.34 | 1067  |
| 5.0  | 1.68 | 682   |



25°

Spotlight

2319.200-UA-700



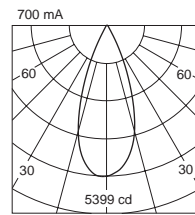
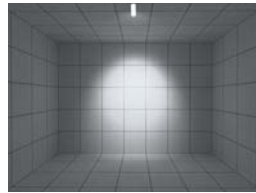
| H(m) | D(m) | E(lx) |
|------|------|-------|
| 25°  |      |       |
| 1.0  | 0.43 | 11629 |
| 2.0  | 0.86 | 2907  |
| 3.0  | 1.28 | 1292  |
| 4.0  | 1.71 | 726   |
| 5.0  | 2.14 | 465   |



38°

Spotlight

2319.200-UA-700



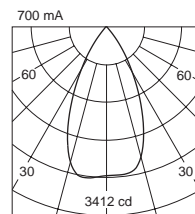
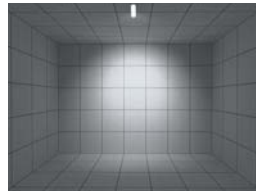
| H(m) | D(m) | E(lx) |
|------|------|-------|
| 38°  |      |       |
| 1.0  | 0.71 | 5385  |
| 2.0  | 1.42 | 1346  |
| 3.0  | 2.14 | 598   |
| 4.0  | 2.85 | 336   |
| 5.0  | 3.56 | 215   |



50°

Spotlight

2319.200-UA-700



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 50°  |      |       |
| 1.0  | 0.94 | 3311  |
| 2.0  | 1.89 | 827   |
| 3.0  | 2.83 | 367   |
| 4.0  | 3.78 | 206   |
| 5.0  | 4.72 | 132   |

AD3



### Colours

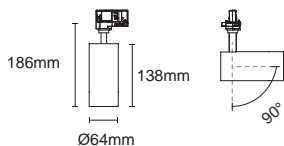
Body : Black  White

Baffle : Black  White

| Type | Article number      | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle             | CCT     | CRI |  |  |  |  |
|------|---------------------|-----------------|-------------|---------|-----------|-----------------|------------------------|---------|-----|--|--|--|--|
|      | 2319.200-AD3-1200   | 4W              | AC 100-277V | 1200 mA | 235 lm    | 187 lm          | 4° (Lens)              | 3000K   | 90+ |  |  |  |  |
|      | 2319.200-AD3-350    | 12W             | AC 100-277V | 350 mA  | 1454 lm   | 1342 lm         | 20°/25°/38°/50° (Lens) | 3000K   | 90+ |  |  |  |  |
|      | 2319.200-AD3-500    | 17W             | AC 100-277V | 500 mA  | 2004 lm   | 1860 lm         | 20°/25°/38°/50° (Lens) | 3000K   | 90+ |  |  |  |  |
|      |                     |                 |             |         |           |                 |                        |         |     |  |  |  |  |
|      | 2319.200-AD3-350-DA | 12W             | AC 100-277V | 350 mA  | 1454 lm   | 1342 lm         | 20°/25°/38°/50° (Lens) | 3000K   | 90+ |  |  |  |  |
|      | 2319.200-AD3-500-DA | 17W             | AC 100-277V | 500 mA  | 2004 lm   | 1860 lm         | 20°/25°/38°/50° (Lens) | 3000K   | 90+ |  |  |  |  |
|      |                     |                 |             |         |           |                 |                        |         |     |  |  |  |  |
|      | 2319.200-AD3-D-350  | 12W             | AC 100-277V | 350 mA  | 1454 lm   | 1342 lm         | 20°/25°/38°/50° (Lens) | 3000K   | 90+ |  |  |  |  |
|      | 2319.200-AD3-D-500  | 17W             | AC 100-277V | 500 mA  | 2004 lm   | 1860 lm         | 20°/25°/38°/50° (Lens) | 3000K   | 90+ |  |  |  |  |
|      |                     |                 |             |         |           |                 |                        |         |     |  |  |  |  |
|      | 2319.200-AD3-CT-250 | 8W              | AC 100-277V | 250 mA  | 1064 lm   | -               | 20°/25°/38°/50° (Lens) | (5 CCT) | 90+ |  |  |  |  |
|      |                     |                 |             |         |           |                 |                        |         |     |  |  |  |  |

27-30-35-40-50

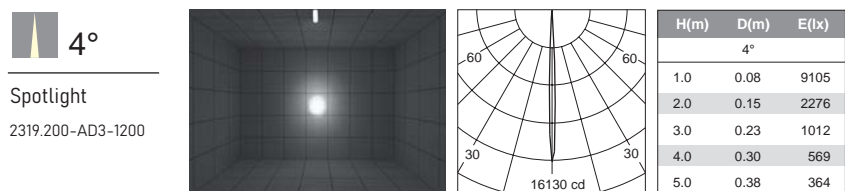
- 2319.200-AD3-1200
- 2319.200-AD3-350
- 2319.200-AD3-500
- 2319.200-AD3-350-DA
- 2319.200-AD3-500-DA



### Optional Accessory

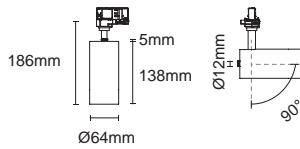


### IES



Spotlight  
2319.200-AD3-1200

2319.200-AD3-D-350  
 2319.200-AD3-D-500  
 2319.200-AD3-CT-250

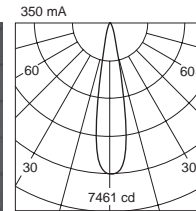
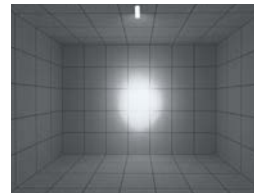


IES



**Spotlight**

2319.200-AD3-350  
 2319.200-AD3-D-350

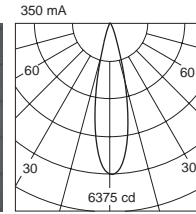
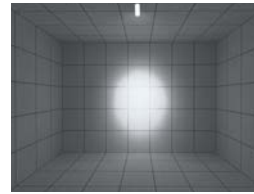


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 20°  |      |       |
| 1.0  | 0.34 | 7449  |
| 2.0  | 0.69 | 1862  |
| 3.0  | 1.03 | 827   |
| 4.0  | 1.37 | 465   |
| 5.0  | 1.72 | 298   |



**Spotlight**

2319.200-AD3-350  
 2319.200-AD3-D-350

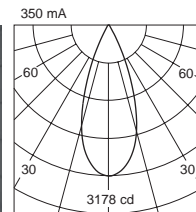
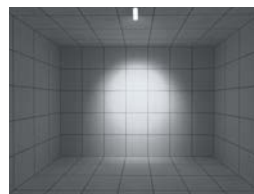


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 25°  |      |       |
| 1.0  | 0.42 | 6371  |
| 2.0  | 0.84 | 1593  |
| 3.0  | 1.26 | 707   |
| 4.0  | 1.68 | 398   |
| 5.0  | 2.10 | 254   |



**Spotlight**

2319.200-AD3-350  
 2319.200-AD3-D-350

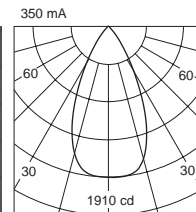
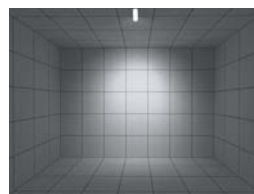


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 38°  |      |       |
| 1.0  | 0.70 | 3175  |
| 2.0  | 1.39 | 793   |
| 3.0  | 2.09 | 352   |
| 4.0  | 2.78 | 198   |
| 5.0  | 3.48 | 127   |



**Spotlight**

2319.200-AD3-350  
 2319.200-AD3-D-350

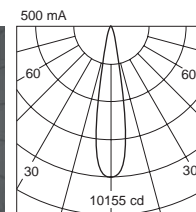
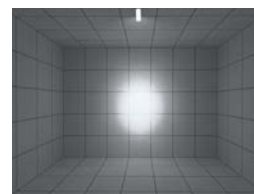


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 50°  |      |       |
| 1.0  | 0.92 | 1886  |
| 2.0  | 1.84 | 471   |
| 3.0  | 2.77 | 209   |
| 4.0  | 3.69 | 117   |
| 5.0  | 4.61 | 75    |



**Spotlight**

2319.200-AD3-500  
 2319.200-AD3-D-500

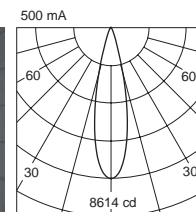
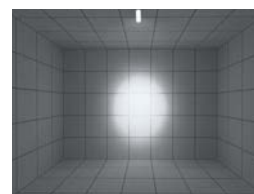


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 20°  |      |       |
| 1.0  | 0.34 | 10148 |
| 2.0  | 0.68 | 2537  |
| 3.0  | 1.02 | 1128  |
| 4.0  | 1.36 | 634   |
| 5.0  | 1.70 | 405   |



**Spotlight**

2319.200-AD3-500  
 2319.200-AD3-D-500

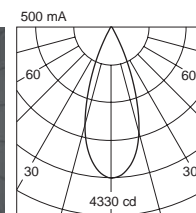
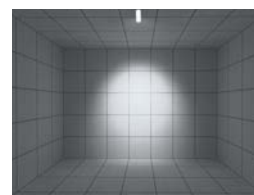


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 25°  |      |       |
| 1.0  | 0.42 | 8616  |
| 2.0  | 0.84 | 2154  |
| 3.0  | 1.25 | 957   |
| 4.0  | 1.67 | 538   |
| 5.0  | 2.09 | 344   |



**Spotlight**

2319.200-AD3-500  
 2319.200-AD3-D-500

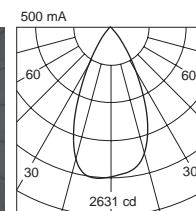
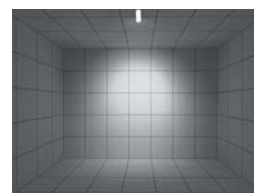


| H(m) | D(m) | E(lx) |
|------|------|-------|
| 38°  |      |       |
| 1.0  | 0.69 | 4328  |
| 2.0  | 1.38 | 1082  |
| 3.0  | 2.07 | 480   |
| 4.0  | 2.75 | 270   |
| 5.0  | 3.44 | 173   |



**Spotlight**

2319.200-AD3-500  
 2319.200-AD3-D-500



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 50°  |      |       |
| 1.0  | 0.94 | 2607  |
| 2.0  | 1.87 | 651   |
| 3.0  | 2.81 | 289   |
| 4.0  | 3.75 | 162   |
| 5.0  | 4.68 | 104   |

UA



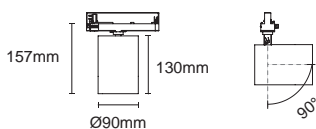
### Colours

Body : Black  White

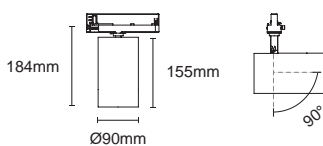
Baffle : Black  White

| Type | Article number      | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle             | CCT   | CRI |
|------|---------------------|-----------------|-------------|---------|-----------|-----------------|------------------------|-------|-----|
|      | 2319.223-UA-700     | 24W             | AC 220-240V | 700 mA  | 2987 lm   | 2482 lm         | 18°/24°/36°/60° (Lens) | 3000K | 90+ |
|      | 2319.221-UA-1050    | 37W             | AC 220-240V | 1050 mA | 4344 lm   | 3917 lm         | 17°/25°/40°/60° (Lens) | 3000K | 90+ |
|      |                     |                 |             |         |           |                 |                        |       |     |
|      | 2319.223-UA-700-DA  | 24W             | AC 220-240V | 700 mA  | 2987 lm   | 2482 lm         | 18°/24°/36°/60° (Lens) | 3000K | 90+ |
|      | 2319.221-UA-1050-DA | 37W             | AC 220-240V | 1050 mA | 4344 lm   | 3917 lm         | 17°/25°/40°/60° (Lens) | 3000K | 90+ |
|      |                     |                 |             |         |           |                 |                        |       |     |

2319.223-UA-700  
2319.223-UA-700-DA



2319.221-UA-1050  
2319.221-UA-1050-DA



### Optional Accessory



S-012  
Long snoot

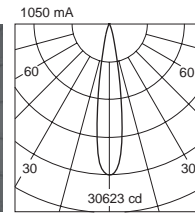
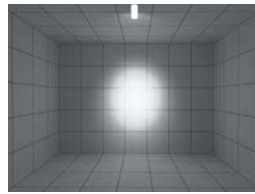
S-013  
Asymmetrical snoot

SG-007  
Striped glass

H-002  
Honeycomb louver



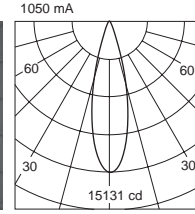
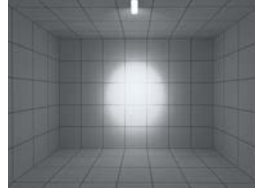
Spotlight  
2319.221-UA



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 17°  |      |       |
| 1.0  | 0.31 | 30561 |
| 2.0  | 0.62 | 7640  |
| 3.0  | 0.93 | 3396  |
| 4.0  | 1.23 | 1910  |
| 5.0  | 1.54 | 1222  |



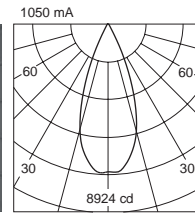
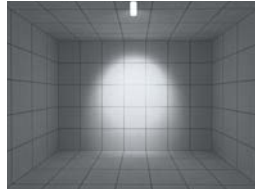
Spotlight  
2319.221-UA



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 25°  |      |       |
| 1.0  | 0.47 | 15103 |
| 2.0  | 0.94 | 3776  |
| 3.0  | 1.40 | 1678  |
| 4.0  | 1.87 | 943   |
| 5.0  | 2.34 | 604   |



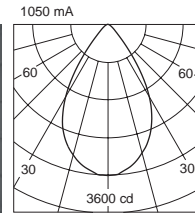
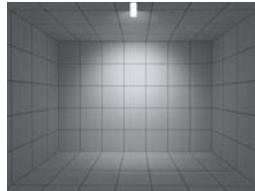
Spotlight  
2319.221-UA



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 40°  |      |       |
| 1.0  | 0.72 | 8905  |
| 2.0  | 1.44 | 2226  |
| 3.0  | 2.16 | 989   |
| 4.0  | 2.88 | 556   |
| 5.0  | 3.60 | 356   |



Spotlight  
2319.221-UA



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 60°  |      |       |
| 1.0  | 1.22 | 3586  |
| 2.0  | 2.44 | 896   |
| 3.0  | 3.66 | 398   |
| 4.0  | 4.88 | 224   |
| 5.0  | 6.09 | 143   |

AD3

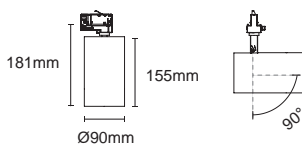


### Colours

Body : Black  White

Baffle : Black  White

| Type | Article number      | LED Consumption | Voltage     | Current | LED Lumen | Delivered Lumen | Beam Angle             | CCT   | CRI |
|------|---------------------|-----------------|-------------|---------|-----------|-----------------|------------------------|-------|-----|
|      | 2319.221-AD3-500    | 17W             | AC 220-240V | 500 mA  | 2177 lm   | 2018 lm         | 18°/24°/36°/60° (Lens) | 3000K | 90+ |
|      | 2319.221-AD3-900    | 31W             | AC 220-240V | 900 mA  | 3770 lm   | 3470 lm         | 17°/24°/40°/60° (Lens) | 3000K | 90+ |
|      |                     |                 |             |         |           |                 |                        |       |     |
|      | 2319.221-AD3-500-DA | 17W             | AC 220-240V | 500 mA  | 2177 lm   | 2018 lm         | 18°/24°/36°/60° (Lens) | 3000K | 90+ |
|      | 2319.221-AD3-800-DA | 27W             | AC 220-240V | 800 mA  | 3381 lm   | 3134 lm         | 18°/24°/36°/60° (Lens) | 3000K | 90+ |
|      |                     |                 |             |         |           |                 |                        |       |     |



### Optional Accessory



S-012  
Long snout



S-013  
Asymmetrical snout



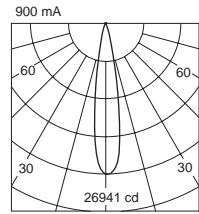
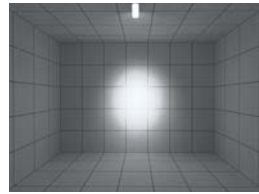
SG-007  
Striped glass



H-002  
Honeycomb louver

 **17°**

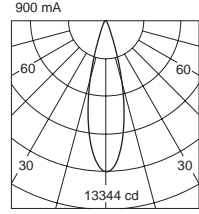
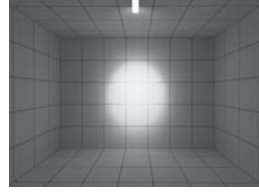
Spotlight  
2319.221-AD3-900



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 17°  |      |       |
| 1.0  | 0.31 | 27013 |
| 2.0  | 0.61 | 6753  |
| 3.0  | 0.92 | 3001  |
| 4.0  | 1.22 | 1688  |
| 5.0  | 1.53 | 1081  |

 **24°**

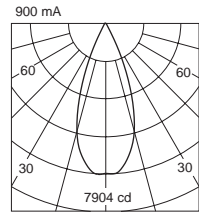
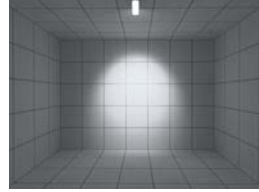
Spotlight  
2319.221-AD3-900



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 24°  |      |       |
| 1.0  | 0.47 | 13322 |
| 2.0  | 0.94 | 3331  |
| 3.0  | 1.40 | 1480  |
| 4.0  | 1.87 | 832   |
| 5.0  | 2.34 | 532   |

 **40°**

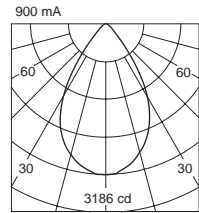
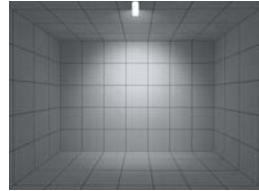
Spotlight  
2319.221-AD3-900



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 40°  |      |       |
| 1.0  | 0.72 | 7888  |
| 2.0  | 1.44 | 1972  |
| 3.0  | 2.16 | 876   |
| 4.0  | 2.88 | 493   |
| 5.0  | 3.60 | 315   |

 **60°**

Spotlight  
2319.221-AD3-900



| H(m) | D(m) | E(lx) |
|------|------|-------|
| 60°  |      |       |
| 1.0  | 1.22 | 3182  |
| 2.0  | 2.44 | 795   |
| 3.0  | 3.66 | 353   |
| 4.0  | 4.88 | 198   |
| 5.0  | 6.11 | 127   |