

ARIEL B 48V DALI

LIGHT SOURCE

| | | |
|--------------------------------------|--|---|
| LED quantity | 1 | |
| Power max | 10 W – 14 W | |
| Total lumen output (3000K CRI>90) | 10W: 14° - 660 lm 18° - 712 lm 24° - 685 lm 33° - 618 lm 52° - 683 lm | 14W: 14° - 813 lm 18° - 901 lm 24° - 860 lm 33° - 769 lm 52° - 844 lm |
| Efficacy lm/W (3000K CRI>90) | 10W: 14° - 66 lm/W 18° - 71 lm/W 24° - 68 lm/W 33° - 62 lm/W 52° - 68 lm/W | 14W: 14° - 58 lm/W 18° - 64 lm/W 24° - 61 lm/W 33° - 55 lm/W 52° - 60 lm/W |
| CRI | >80 - >90 - >95 | |
| LED Temperature | 2200K CRI>90-2400K CRI>90 -2700K CRI>90 -2700K CRI>95 3000K CRI>80 - 3000K CRI>90 - 3000K CRI>95 3500K CRI>90- 3500K CRI>95 - 4000K CRI>90 | |
| Average operational life | 50.000 hours | |

OPTIC

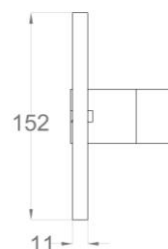
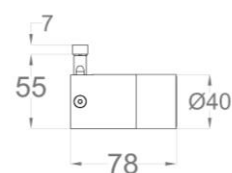
| | |
|------------------|-------------------------------------|
| Material | PMMA |
| Available optics | 14° - 18° - 24° - 33° - 52° |
| Beam direction | Adjustable +/-90°, rotating +/-355° |
| Flux symmetry | Symmetrical |

FIXTURE

| | |
|------------------------------------|--|
| Material | Aluminum |
| Available body finishes | Powder coated: S - Warm white (RAL 9010) 7 - White (RAL 9003) A6 - Gray white (RAL 9002) C - Gothic cement (RAL 7033) G3 - Gray (RAL 7012) G7 - Beige Gray (RAL 7006) M8 - Brown (RAL 8019) H - Black (RAL 9005) |
| Available decorative ring finishes | Chrome plated: 1 - Gold chrome 1 - Shiny chrome 8 - Satin gold Nickel plated: N - Satin nickel Hard coat anodized: 4 - Black |
| IP Rate | IP40 |
| Working Temperature | -20° ÷ +40° |
| Integrated fixing Systems | - |

ELECTRICAL FEATURES

| | |
|------------|----------------------|
| Driver | Remote |
| Dimmable | DALI |
| Connection | In parallel at 48Vdc |
| Class | III |



Decorative Rings



MECHANICAL FEATURES

| | |
|--------------|------------------------------|
| Dimensions | Ø40 x 78 mm (cylinder only) |
| Weight | 150 gr |
| Installation | Wall, ceiling mounting track |
| Cut-out | - |
| Use | Indoor |

ACCESSORIES

| | |
|------------------------|---|
| Interchangeable lenses | 18°, 24°, 33°, 52° |
| Filters | Hex louver, elliptical filter, prismatic filter, softening lens |
| Decorative rings | Gold chrome, shiny chrome, satin gold, satin nickel, black |
| Visors | - |
| Box/ Frame | - |
| Installation tool | - |

PHOTOMETRIC DATA

| | | | | | | | |
|---------------------------|------|-----------------------|----------------------|--|--|--|--|
| 14° Lens – 14W | | | | | | | |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | | | | |
| 14° | | | | | | | |
| <u>1.00</u> | 0.25 | 8464 | 5271 | | | | |
| <u>2.00</u> | 0.50 | 2116 | 1318 | | | | |
| <u>3.00</u> | 0.75 | 940 | 586 | | | | |
| <u>4.00</u> | 1.00 | 529 | 329 | | | | |
| <u>5.00</u> | 1.25 | 339 | 211 | | | | |

| | | | | | | | |
|---------------------------|------|-----------------------|----------------------|---------------------------|------|-----------------------|----------------------|
| 18° Lens – 14W | | | | 24° Lens – 14W | | | |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | H(m) | D(m) | E _{max} (lx) | E _{av} (lx) |
| 18° | | | | 24° | | | |
| <u>1.00</u> | 0.32 | 6145 | 3890 | <u>1.00</u> | 0.42 | 3893 | 2406 |
| <u>2.00</u> | 0.65 | 1536 | 972 | <u>2.00</u> | 0.84 | 973 | 602 |
| <u>3.00</u> | 0.97 | 683 | 432 | <u>3.00</u> | 1.25 | 433 | 267 |
| <u>4.00</u> | 1.30 | 384 | 243 | <u>4.00</u> | 1.67 | 243 | 150 |
| <u>5.00</u> | 1.62 | 246 | 156 | <u>5.00</u> | 2.09 | 156 | 96 |

| | | | | | | | |
|---------------------------|------|-----------------------|----------------------|---------------------------|------|-----------------------|----------------------|
| 33° Lens – 14W | | | | 52° Lens – 14W | | | |
| H(m) | D(m) | E _{max} (lx) | E _{av} (lx) | H(m) | D(m) | E _{max} (lx) | E _{av} (lx) |
| 33° | | | | 52° | | | |
| <u>1.00</u> | 0.60 | 2011 | 1228 | <u>1.00</u> | 0.97 | 1207 | 680 |
| <u>2.00</u> | 1.21 | 503 | 307 | <u>2.00</u> | 1.93 | 302 | 170 |
| <u>3.00</u> | 1.81 | 223 | 136 | <u>3.00</u> | 2.90 | 134 | 76 |
| <u>4.00</u> | 2.41 | 126 | 77 | <u>4.00</u> | 3.87 | 75 | 43 |
| <u>5.00</u> | 3.02 | 80 | 49 | <u>5.00</u> | 4.84 | 48 | 27 |

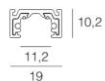
NOTES

14° lens not interchangeable.

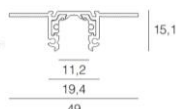
Compatible with 48Vdc Micro Low Voltage Track:



APPLIQUE MOUNTING



RECESSED MOUNTING



Please consider 1 DALI address for each Ariel B 48V.