

# BOA<sup>®</sup> Field-Adjustable Linear Lighting



BOA PENDANT Mount / Downlight with Flat Lens:



BOA PENDANT Mount / Downlight with Louver Lens:



BOA PENDANT Mount Up/Downlight with flat lens or Louvers:



BOA Recessed Light with Flat Lens (White finish only)



BOA Recessed Light with Louver Lens (White finish only)



2 ft

3ft

4 ft

8 ft

PROJECT:

DATE:

TYPE:

PREPARED BY:



## KEY FEATURES

- Models available with selectable wattages and uplight/downlight distributions:
  - 2 ft: 20/14/12/10/5W
  - 3 ft: 30/21/18/15/7.5W
  - 4 ft: 40/28/24/20/10W
  - 8 ft: 80/56/48/40/20W
- Default power settings:
  - Direct & Recessed lighting: 100% power
  - Indirect Light: Up/Down 30%/70% power
- Field-adjustable CCT: 3000/3500/4000K (Default: 3500K)
- Voltage rating 120-277V
- Available with smart controls. Multi-sensor remote sold separately
- Battery backup available on 4ft and 8ft models
- Ceiling and wall mount options
- Quick-link connectors available for easy, continuous runs without any tools
- All models are 90CRI
- 5-year, limited warranty

## Field-adjustable linear lighting



## PERFORMANCE

### Flat Lens-Downlight, 120-277V

| BOA 2 ft    | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage     | 20W   |       |       | 14W   |       |       | 12W   |       |       | 10W   |       |       | 5W    |       |       |
| Input Watts | 19.9W | 19.5W | 19.9W | 14.1W | 13.8W | 14.1W | 12.3W | 12.1W | 12.3W | 10.2W | 10W   | 10.2W | 5.7W  | 5.7W  | 5.8W  |
| Lumens      | 2,623 | 2,654 | 2,661 | 1,845 | 1,854 | 1,874 | 1,601 | 1,609 | 1,629 | 1,302 | 1,304 | 1,326 | 691   | 685   | 704   |
| Efficacy    | 131.8 | 136.1 | 133.7 | 130.9 | 134.3 | 132.9 | 130.2 | 133   | 132.4 | 127.6 | 130.4 | 130   | 121.2 | 120.2 | 121.4 |
| CRI         | 93    | 95    | 94    | 93    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 96    |

### Louver Lens-Downlight, 120-277V

| BOA 2 ft    | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage     | 20W   |       |       | 14W   |       |       | 12W   |       |       | 10W   |       |       | 5W    |       |       |
| Input Watts | 21W   | 20.2W | 21W   | 14.8W | 14.4W | 14.9W | 13W   | 12.7W | 13W   | 11.3W | 11.1W | 11.4W | 5.7W  | 5.6W  | 5.7W  |
| Lumens      | 2,791 | 2,922 | 2,883 | 1,999 | 2,071 | 2,068 | 1,755 | 1,815 | 1,812 | 1,521 | 1,570 | 1,566 | 733   | 746   | 752   |
| Efficacy    | 132.9 | 144.7 | 137.3 | 135.1 | 143.8 | 138.8 | 135   | 142.9 | 139.4 | 134.6 | 141.4 | 137.4 | 128.6 | 133.2 | 131.9 |
| CRI         | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 95    | 96    | 95    |

## PERFORMANCE

| Flat Lens- Up/Downlight, 120-277V   |           |       |       |           |       |       |           |       |       |           |       |       |           |       |       |
|-------------------------------------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|
| BOA 2 ft                            | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
| Down/Up %                           | 100% / 0% |       |       | 70% / 30% |       |       | 60% / 40% |       |       | 50% / 50% |       |       | 0% / 100% |       |       |
| Input Watts                         | 20.1W     | 19.7W | 20.1W | 20.2W     | 19.7W | 20.2W | 20.2W     | 19.6W | 20.2W | 20.3W     | 19.7W | 20.4W | 10.8W     | 10.5W | 10.8W |
| Lumens                              | 2,723     | 2,758 | 2,751 | 2,741     | 2,782 | 2,767 | 2,741     | 2,786 | 2,767 | 2,742     | 2,796 | 2,764 | 1,379     | 1,400 | 1,398 |
| Efficacy                            | 135.5     | 140   | 136.9 | 135.7     | 141.2 | 137   | 135.7     | 142.1 | 137   | 135.1     | 141.9 | 135.5 | 127.7     | 133.3 | 129.4 |
| CRI                                 | 93        | 95    | 94    | 93        | 95    | 94    | 93        | 95    | 94    | 93        | 95    | 94    | 93        | 95    | 94    |
| Louver Lens- Up/Downlight, 120-277V |           |       |       |           |       |       |           |       |       |           |       |       |           |       |       |
| BOA 2 ft                            | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
| Down/Up %                           | 100% / 0% |       |       | 70% / 30% |       |       | 60% / 40% |       |       | 50% / 50% |       |       | 0% / 100% |       |       |
| Input Watts                         | 20.8W     | 20.0W | 20.7W | 20.8W     | 20.0W | 20.8W | 20.7W     | 19.9W | 20.6W | 20.7W     | 19.9W | 20.7W | 11.2W     | 10.9W | 11.2W |
| Lumens                              | 2,749     | 2,871 | 2,823 | 2,680     | 2,774 | 2,732 | 2,640     | 2,731 | 2,693 | 2,608     | 2,703 | 2,660 | 1,338     | 1,372 | 1,364 |
| Efficacy                            | 132.2     | 143.6 | 136.4 | 128.8     | 138.7 | 131.3 | 127.5     | 137.2 | 130.7 | 126.0     | 135.8 | 128.5 | 119.5     | 125.9 | 121.8 |
| CRI                                 | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 95        | 96    | 95    |
| Flat Lens-Recessed, 120-277V        |           |       |       |           |       |       |           |       |       |           |       |       |           |       |       |
| BOA 2 ft                            | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
| Wattage                             | 20W       |       |       | 14W       |       |       | 12W       |       |       | 10W       |       |       | 5W        |       |       |
| Input Watts                         | 20.4W     | 19.9W | 20.4W | 14.4W     | 14.1W | 14.5W | 12.6W     | 12.4W | 12.7W | 10.3W     | 10.2W | 10.4W | 5.5W      | 5.5W  | 5.6W  |
| Lumens                              | 2,565     | 2,586 | 2,603 | 1,805     | 1,809 | 1,838 | 1,558     | 1,565 | 1,588 | 1,261     | 1,263 | 1,286 | 629       | 624   | 643   |
| Efficacy                            | 125.7     | 129.9 | 127.6 | 125.3     | 128.3 | 126.8 | 123.7     | 126.2 | 125.0 | 122.4     | 123.8 | 123.7 | 114.4     | 113.5 | 114.8 |
| CRI                                 | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    |
| Louver Lens-Recessed, 120-277V      |           |       |       |           |       |       |           |       |       |           |       |       |           |       |       |
| BOA 2 ft                            | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
| Wattage                             | 20W       |       |       | 14W       |       |       | 12W       |       |       | 10W       |       |       | 5W        |       |       |
| Input Watts                         | 21.3W     | 20.5W | 21.2W | 15W       | 14.6W | 14.9W | 13.1W     | 12.8W | 13W   | 11.4W     | 11.2W | 11.4W | 5.8W      | 5.7W  | 5.8W  |
| Lumen                               | 2,807     | 2,941 | 2,873 | 2,021     | 2,095 | 2,067 | 1,765     | 1,821 | 1,801 | 1,532     | 1,576 | 1,570 | 738       | 749   | 755   |
| Efficacy                            | 131.8     | 143.5 | 135.5 | 134.7     | 143.5 | 138.7 | 134.7     | 142.3 | 138.5 | 134.4     | 140.7 | 137.7 | 127.2     | 131.4 | 130.2 |
| CRI                                 | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 95        | 96    | 95    |
| Flat Lens-Downlight, 120-277V       |           |       |       |           |       |       |           |       |       |           |       |       |           |       |       |
| BOA 3Ft                             | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
| Wattage                             | 30W       |       |       | 21W       |       |       | 18W       |       |       | 15W       |       |       | 7.5W      |       |       |
| Input Watts                         | 30.9W     | 30.3W | 30.9W | 21W       | 20.6W | 21W   | 18.4W     | 18W   | 18.4W | 15.8W     | 15.5W | 15.8W | 9.2W      | 9W    | 9.2W  |
| Lumens                              | 4,324     | 4,353 | 4,345 | 2,949     | 2,969 | 2,963 | 2,567     | 2,584 | 2,579 | 2,185     | 2,200 | 2,196 | 1,176     | 1,184 | 1,182 |
| Efficacy                            | 139.9     | 143.7 | 140.6 | 140.4     | 144.1 | 141.1 | 139.5     | 143.6 | 140.2 | 138.3     | 141.9 | 139   | 127.8     | 131.6 | 128.5 |
| CRI                                 | 92        | 94    | 93    | 93        | 94    | 93    | 93        | 94    | 93    | 93        | 94    | 93    | 93        | 94    | 93    |
| Louver lens-Downlight, 120-277V     |           |       |       |           |       |       |           |       |       |           |       |       |           |       |       |
| BOA 3Ft                             | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
| Wattage                             | 30W       |       |       | 21W       |       |       | 18W       |       |       | 15W       |       |       | 7.5W      |       |       |
| Input Watts                         | 30.1      | 29    | 29.9  | 21.3      | 20.5  | 21.2  | 18.7      | 18    | 18.6  | 15.7      | 15.1  | 15.6  | 8.1       | 7.8   | 8     |
| Lumens                              | 3819      | 3966  | 3921  | 2754      | 2860  | 2828  | 2424      | 2517  | 2489  | 2027      | 2105  | 2081  | 992       | 1030  | 1018  |
| Efficacy                            | 126.9     | 136.8 | 131.1 | 129.3     | 139.5 | 133.4 | 129.6     | 139.8 | 133.8 | 129.1     | 139.4 | 133.4 | 122.5     | 132.1 | 127.3 |
| CRI                                 | 92        | 94    | 92    | 93        | 94    | 92    | 93        | 94    | 92    | 93        | 94    | 92    | 93        | 94    | 92    |

## PERFORMANCE

| Flat lens- Up/Downlight, 120-277V   |         |       |       |         |       |       |         |       |       |         |       |       |        |       |       |
|-------------------------------------|---------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|
| BOA 3Ft                             | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K  | 3500K | 4000K |
| Up/Down %                           | 100%/0% |       |       | 50%/50% |       |       | 60%/40% |       |       | 70%/30% |       |       | 0%/50% |       |       |
| Input Watts                         | 31W     | 30.4W | 31.1W | 31.4W   | 30.8W | 31.5W | 31.4W   | 30.8W | 31.5W | 31.6W   | 31W   | 31.7W | 17.4W  | 17.1W | 17.5W |
| Lumens                              | 4,486   | 4,523 | 4,522 | 4,460   | 4,497 | 4,496 | 4,429   | 4,466 | 4,465 | 4,418   | 4,454 | 4,453 | 2,263  | 2,282 | 2,281 |
| Efficacy                            | 144.7   | 148.8 | 145.4 | 142     | 146   | 142.7 | 141.1   | 145   | 141.7 | 139.8   | 143.7 | 140.5 | 130.1  | 133.5 | 130.3 |
| CRI                                 | 92      | 94    | 93    | 93      | 94    | 93    | 93      | 94    | 93    | 93      | 94    | 93    | 93     | 94    | 93    |
| Louver lens- Up/Downlight, 120-277V |         |       |       |         |       |       |         |       |       |         |       |       |        |       |       |
| BOA 3Ft                             | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K  | 3500K | 4000K |
| Up/Down %                           | 100%/0% |       |       | 50%/50% |       |       | 60%/40% |       |       | 70%/30% |       |       | 0%/50% |       |       |
| Input Watts                         | 27.9W   | 27W   | 27.8W | 27.9W   | 27W   | 27.8W | 27.9W   | 27W   | 27.8W | 27.9W   | 27W   | 27.8W | 15.3W  | 14.8W | 15.2W |
| Lumens                              | 3,547   | 3,665 | 3,622 | 3,599   | 3,719 | 3,675 | 3,596   | 3,716 | 3,672 | 3,596   | 3,716 | 3,672 | 1,926  | 1,990 | 1,967 |
| Efficacy                            | 127.1   | 135.7 | 130.3 | 129     | 137.7 | 132.2 | 128.9   | 137.6 | 132.1 | 128.9   | 137.6 | 132.1 | 125.9  | 134.5 | 129.4 |
| CRI                                 | 93      | 94    | 93    | 93      | 94    | 93    | 93      | 94    | 93    | 93      | 94    | 93    | 93     | 94    | 93    |
| Flat lens-Recessed, 120-277V        |         |       |       |         |       |       |         |       |       |         |       |       |        |       |       |
| BOA 3Ft                             | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K  | 3500K | 4000K |
| Wattage                             | 30W     |       |       | 21W     |       |       | 18W     |       |       | 15W     |       |       | 7.5W   |       |       |
| Input Watts                         | 30.3W   | 29.7W | 30.3W | 20.7W   | 20.3W | 20.7W | 18.2W   | 17.8W | 18.2W | 15.6W   | 15.3W | 15.6W | 9.1W   | 8.9W  | 9.1W  |
| Lumens                              | 4,062   | 4,094 | 4,085 | 2,790   | 2,812 | 2,806 | 2,429   | 2,448 | 2,443 | 2,068   | 2,084 | 2,080 | 1,110  | 1,119 | 1,116 |
| Efficacy                            | 134.1   | 137.8 | 134.8 | 134.8   | 138.5 | 135.6 | 133.5   | 137.5 | 134.2 | 132.6   | 136.2 | 133.3 | 122    | 125.7 | 122.6 |
| CRI                                 | 93      | 94    | 94    | 93      | 94    | 94    | 93      | 94    | 94    | 93      | 94    | 94    | 93     | 94    | 94    |
| Louver lens-Recessed, 120-277V      |         |       |       |         |       |       |         |       |       |         |       |       |        |       |       |
| BOA 3Ft                             | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K  | 3500K | 4000K |
| Wattage                             | 30W     |       |       | 21W     |       |       | 18W     |       |       | 15W     |       |       | 7.5W   |       |       |
| Input Watts                         | 29.6W   | 28.5W | 29.4W | 20.9W   | 20.1W | 20.8W | 17.5W   | 16.8W | 17.4W | 15.2W   | 14.6W | 15.1W | 8.2W   | 7.9W  | 8.1W  |
| Lumen                               | 3,751   | 3,897 | 3,836 | 2,706   | 2,811 | 2,767 | 2,262   | 2,350 | 2,313 | 1,957   | 2,033 | 2,001 | 1,011  | 1,050 | 1,034 |
| Efficacy                            | 126.7   | 136.7 | 130.5 | 129.5   | 139.9 | 133   | 129.3   | 139.9 | 132.9 | 128.8   | 139.2 | 132.5 | 123.3  | 132.9 | 127.7 |
| CRI                                 | 93      | 94    | 93    | 93      | 94    | 93    | 93      | 94    | 93    | 93      | 94    | 93    | 93     | 94    | 93    |
| Flat Lens-Downlight, 120-277V       |         |       |       |         |       |       |         |       |       |         |       |       |        |       |       |
| BOA 4 ft                            | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K  | 3500K | 4000K |
| Wattage                             | 40W     |       |       | 28W     |       |       | 24W     |       |       | 20W     |       |       | 10W    |       |       |
| Input Watts                         | 39.9W   | 39W   | 40W   | 28.1W   | 27.6W | 28.1W | 24.3W   | 24W   | 24.3W | 19.9W   | 29.6W | 19.9W | 10.6W  | 10.6W | 10.7W |
| Lumens                              | 5,377   | 5,440 | 5,455 | 3,840   | 3,859 | 3,901 | 3,325   | 3,341 | 3,383 | 2,699   | 2,703 | 2,749 | 1,345  | 1,333 | 1,371 |
| Efficacy                            | 134.8   | 139.5 | 136.4 | 136.7   | 139.8 | 138.8 | 136.8   | 139.2 | 139.2 | 135.6   | 137.9 | 138.1 | 126.9  | 125.8 | 128.1 |
| CRI                                 | 94      | 95    | 94    | 94      | 95    | 94    | 94      | 95    | 94    | 94      | 95    | 94    | 94     | 95    | 95    |
| Louver Lens-Downlight, 120-277V     |         |       |       |         |       |       |         |       |       |         |       |       |        |       |       |
| BOA 4 ft                            | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K   | 3500K | 4000K | 3000K  | 3500K | 4000K |
| Wattage                             | 40W     |       |       | 28W     |       |       | 24W     |       |       | 20W     |       |       | 10W    |       |       |
| Input Watts                         | 41.2W   | 39.7W | 41.2W | 28.3W   | 27.6W | 28.4W | 24.5W   | 23.9W | 24.5W | 20.8W   | 20.5W | 20.9W | 10.5W  | 10.4W | 10.5W |
| Lumens                              | 5,526   | 5,578 | 5,709 | 3,971   | 4,114 | 4,108 | 3,458   | 3,577 | 3,571 | 2,963   | 3,058 | 3,051 | 1,443  | 1,468 | 1,480 |
| Efficacy                            | 134.1   | 145.7 | 138.6 | 140.3   | 149.1 | 144.6 | 141.1   | 149.7 | 145.8 | 142.5   | 149.2 | 146.0 | 137.4  | 141.2 | 141.0 |

## PERFORMANCE

## Flat Lens- Up/Downlight, 120-277V

| BOA 4 ft    | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
|-------------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|
| Down/Up %   | 100% / 0% |       |       | 70% / 30% |       |       | 60% / 40% |       |       | 50% / 50% |       |       | 0% / 100% |       |       |
| Input Watts | 39.1W     | 38.3W | 39.1W | 39.6W     | 38.6W | 39.6W | 39.8W     | 38.7W | 39.8W | 39.9W     | 38.7W | 40W   | 20.3W     | 19.8W | 20.3W |
| Lumens      | 5,348     | 5,417 | 5,403 | 5,348     | 5,428 | 5,398 | 5,331     | 5,419 | 5,382 | 5,310     | 5,415 | 5,353 | 2,620     | 2,660 | 2,656 |
| Efficacy    | 136.8     | 141.4 | 138.2 | 135.1     | 140.6 | 136.3 | 133.9     | 140.0 | 135.2 | 133.1     | 139.9 | 133.8 | 129.1     | 134.3 | 130.8 |
| CRI         | 93        | 95    | 94    | 93        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    |

## Louver Lens- Up/Downlight, 120-277V

| BOA 4 ft    | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K | 3000K     | 3500K | 4000K |
|-------------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|
| Down/Up %   | 100% / 0% |       |       | 70% / 30% |       |       | 60% / 40% |       |       | 50% / 50% |       |       | 0% / 100% |       |       |
| Input Watts | 40.8W     | 39.3W | 40.7W | 40.8W     | 39.3W | 40.8W | 40.9W     | 39.3W | 40.8W | 40.8W     | 39.2W | 40.8W | 21.4W     | 20.9W | 21.4W |
| Lumens      | 5,500     | 5,745 | 5,649 | 5,423     | 5,614 | 5,529 | 5,376     | 5,562 | 5,483 | 5,338     | 5,553 | 5,445 | 2,794     | 2,865 | 2,849 |
| Efficacy    | 134.8     | 146.2 | 138.8 | 132.9     | 142.8 | 135.5 | 131.4     | 141.5 | 134.4 | 130.8     | 141.1 | 133.5 | 130.6     | 137.1 | 133.1 |
| CRI         | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 95    | 94    | 94        | 96    | 95    |

## Flat Lens-Recessed, 120-277V

| BOA 4 ft    | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage     | 40W   |       |       | 28W   |       |       | 24W   |       |       | 40W   |       |       | 10W   |       |       |
| Input Watts | 39.2W | 38.3W | 39.2W | 27.6W | 27.1W | 27.7W | 23.9W | 23.6W | 24W   | 39.2W | 38.3W | 39.2W | 10.5W | 10.5W | 10.6W |
| Lumens      | 5,101 | 5,142 | 5,177 | 3,655 | 3,663 | 3,721 | 3,164 | 3,176 | 3,224 | 5,101 | 5,142 | 5,177 | 1,286 | 1,276 | 1,315 |
| Efficacy    | 130.1 | 134.3 | 132.1 | 132.4 | 135.2 | 134.3 | 132.4 | 134.7 | 134.3 | 130.1 | 134.3 | 132.1 | 122.5 | 121.5 | 124.1 |
| CRI         | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    |

## Louver Lens-Recessed, 120-277V

| BOA 4 ft    | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage     | 40W   |       |       | 28W   |       |       | 24W   |       |       | 20W   |       |       | 10W   |       |       |
| Input Watts | 41.1W | 39.6W | 40.9W | 28.6W | 27.8W | 28.5W | 24.8W | 24.2W | 24.6W | 21.2W | 20.8W | 21.2W | 11.0W | 10.8W | 11.0W |
| Lumen       | 5,473 | 5,735 | 5,601 | 3,953 | 4,097 | 4,043 | 3,456 | 3,565 | 3,526 | 2,967 | 3,057 | 3,041 | 1,480 | 1,502 | 1,514 |
| Efficacy    | 133.2 | 144.8 | 136.9 | 138.2 | 147.4 | 141.9 | 139.4 | 147.3 | 143.3 | 140.0 | 146.8 | 143.4 | 134.5 | 139.1 | 137.6 |
| CRI         | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 95    | 96    | 94    |

## Flat Lens-Downlight, 120-277V

| BOA 8 ft    | 3000K  | 3500K  | 4000K  | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K |
|-------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage     | 80W    |        |        | 56W   |       |       | 48W   |       |       | 40W   |       |       | 20W   |       |       |
| Input Watts | 76.5W  | 74.8W  | 76.7W  | 54.2W | 53.2W | 54.2W | 47.3W | 46.7W | 47.3W | 38.6W | 38W   | 38.6W | 19.8W | 19.8W | 20W   |
| Lumens      | 10,534 | 10,657 | 10,687 | 7,626 | 7,664 | 7,747 | 6,635 | 6,667 | 6,751 | 5,385 | 5,393 | 5,485 | 2,643 | 2,619 | 2,694 |
| Efficacy    | 137.7  | 142.5  | 139.3  | 140.7 | 144.1 | 142.9 | 140.3 | 142.8 | 142.7 | 139.5 | 141.9 | 142.1 | 133.5 | 132.3 | 134.7 |
| CRI         | 93     | 95     | 94     | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 95    |

## Louver Lens-Downlight, 120-277V

| BOA 8 ft    | 3000K  | 3500K  | 4000K  | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K | 3000K | 3500K | 4000K |
|-------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage     | 80W    |        |        | 56W   |       |       | 48W   |       |       | 40W   |       |       | 20W   |       |       |
| Input Watts | 80.4W  | 77.5W  | 80.4W  | 55.3W | 53.9W | 55.5W | 47.7W | 46.5W | 47.7W | 40.6W | 40W   | 40.8W | 19.8W | 19.6W | 19.8W |
| Lumens      | 10,873 | 11,383 | 11,233 | 7,848 | 8,131 | 8,119 | 6,824 | 7,059 | 7,047 | 5,856 | 6,044 | 6,030 | 2,845 | 2,894 | 2,918 |
| Efficacy    | 135.2  | 146.9  | 139.7  | 141.9 | 150.9 | 146.3 | 143.1 | 151.8 | 147.7 | 144.2 | 151.1 | 147.8 | 143.7 | 147.7 | 147.4 |
| CRI         | 93     | 95     | 94     | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 95    | 94    | 94    | 96    | 95    |

## PERFORMANCE

| Flat Lens- Up/Downlight, 120-277V   |           |        |        |           |        |        |           |        |        |           |        |        |           |       |       |
|-------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|-----------|-------|-------|
| BOA 8 ft                            | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K | 4000K |
| Down/Up %                           | 100% / 0% |        |        | 70% / 30% |        |        | 60% / 40% |        |        | 50% / 50% |        |        | 0% / 100% |       |       |
| Input Watts                         | 76W       | 74.4W  | 76W    | 78.2W     | 76.2W  | 76.2W  | 79.2W     | 77W    | 79.2W  | 80.2W     | 77.8W  | 80.4W  | 40.9W     | 39.9W | 40.9W |
| Lumens                              | 10,085    | 10,215 | 10,189 | 10,320    | 10,474 | 10,416 | 10,380    | 10,551 | 10,479 | 10,366    | 10,571 | 10,450 | 5,450     | 5,533 | 5,525 |
| Efficacy                            | 132.7     | 137.3  | 134.1  | 132       | 137.5  | 133.2  | 131.1     | 137    | 132.3  | 129.3     | 135.9  | 130    | 133.3     | 138.7 | 131.1 |
| CRI                                 | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95    | 94    |
| Louver Lens- Up/Downlight, 120-277V |           |        |        |           |        |        |           |        |        |           |        |        |           |       |       |
| BOA 8 ft                            | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K | 4000K |
| Down/Up %                           | 100% / 0% |        |        | 70% / 30% |        |        | 60% / 40% |        |        | 50% / 50% |        |        | 0% / 100% |       |       |
| Input Watts                         | 78.7W     | 75.8W  | 78.5W  | 80.1W     | 77.2W  | 80.1W  | 80.5W     | 77.4W  | 80.3W  | 80.9W     | 77.7W  | 80.9W  | 40.9W     | 39.9W | 40.9W |
| Lumens                              | 10,189    | 10,643 | 10,465 | 10,364    | 10,729 | 10,567 | 10,414    | 10,774 | 10,621 | 10,390    | 10,770 | 10,598 | 5,429     | 5,567 | 5,536 |
| Efficacy                            | 129.5     | 140.4  | 133.3  | 129.4     | 139    | 131.9  | 129.4     | 139.2  | 132.3  | 128.4     | 138.6  | 131    | 132.7     | 139.5 | 135.4 |
| CRI                                 | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 95        | 96    | 95    |
| Flat Lens-Recessed, 120-277V        |           |        |        |           |        |        |           |        |        |           |        |        |           |       |       |
| BOA 8 ft                            | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K | 4000K |
| Wattage                             | 80W       |        |        | 56W       |        |        | 48W       |        |        | 40W       |        |        | 20W       |       |       |
| Input Watts                         | 75.5W     | 73.8W  | 75.5W  | 53.1W     | 52.1W  | 53.3W  | 46W       | 45.4W  | 46.2W  | 37.3W     | 36.9W  | 37.5W  | 18.6W     | 18.6W | 18.8W |
| Lumens                              | 9,817     | 9,896  | 9,963  | 7,127     | 7,143  | 7,256  | 6,155     | 6,182  | 6,272  | 4,980     | 4,990  | 5,081  | 2,377     | 2,359 | 2,431 |
| Efficacy                            | 130       | 134.1  | 132    | 134.2     | 137.1  | 136.1  | 133.8     | 136.2  | 135.8  | 133.5     | 135.2  | 135.5  | 127.8     | 126.8 | 129.3 |
| CRI                                 | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95    | 94    |
| Louver Lens-Recessed, 120-277V      |           |        |        |           |        |        |           |        |        |           |        |        |           |       |       |
| BOA 8 ft                            | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K  | 4000K  | 3000K     | 3500K | 4000K |
| Wattage                             | 80W       |        |        | 56W       |        |        | 48W       |        |        | 40W       |        |        | 20W       |       |       |
| Input Watts                         | 80W       | 77.1W  | 79.6W  | 55.2W     | 53.7W  | 55W    | 47.1W     | 46W    | 46.7W  | 40.7W     | 39.9W  | 40.7W  | 19.7W     | 19.3W | 19.7W |
| Lumen                               | 10,638    | 11,147 | 10,887 | 7,659     | 7,938  | 7,833  | 6,702     | 6,913  | 6,838  | 5,758     | 5,925  | 5,902  | 2,767     | 2,808 | 2,831 |
| Efficacy                            | 133       | 144.6  | 136.8  | 138.8     | 147.8  | 142.4  | 142.3     | 150.3  | 146.4  | 141.5     | 148.5  | 145    | 140.5     | 145.5 | 143.7 |
| CRI                                 | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 94        | 95     | 94     | 95        | 96    | 95    |

## TECHNICAL SPECIFICATIONS

## COMPLIANCE

**UL Listed**

Suitable for damp locations.

**IESNA LM-79 & LM-80 Testing**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

**DLC Listed**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

**DLC Listed (Continued)**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

| MODEL# | DLC ID (Standard) | MODEL#  | DLC ID (Premium) |
|--------|-------------------|---------|------------------|
| BOA2P  | S-95XUYR          | BOA2PL  | S-02DC4Z         |
| BOA2PU | S-7A8SOF          | BOA2PLU | S-30EBHO         |
| BOA2R  | S-W40K85          | BOA2RL  | S-0NGT4K         |
| BOA3P  | S-NWP6Z5          | BOA3PL  | S-K8LBHH         |
| BOA3PU | S-FSNV8J          | BOA3PLU | S-RD10T7         |
| BOA3R  | S-8714L0          | BOA3RL  | S-JT09VT         |
| BOA4P  | S-1IRPU3          | BOA4PL  | S-LPY6IQ         |
| BOA4PU | S-5VT09J          | BOA4PLU | S-YNIV0R         |
| BOA4R  | S-KYOL8M          | BOA4RL  | S-3NCQEA         |
| BOA8P  | S-G9IVDP          | BOA8PL  | S-CFRH2S         |
| BOA8PU | S-T5KL7F          | BOA8PLU | S-FH3G1W         |
| BOA8R  | S-RZ60V9          | BOA8RL  | S-7D0S69         |

**California Title 24 JA8 Compliant**

Can be used to conform with the requirements of California Title 24.

## CONSTRUCTION

**Cold Weather Starting**

The minimum starting temperature is -20°C (-4°F)

**Maximum Ambient Temperature**

Suitable for use in up to 40°C (104°F)

**Mounting**

Ceiling, wall, or pendant mount. Pendant mount includes 94" of aircraft cable with cable grippers for easy adjustment after installation

**Housing**

Sheet metal and extruded aluminum

**Lens**

Polycarbonate frosted flat lens or polycarbonate reflective louvers

**Reflector**

Polyethylene Terephthalate (PET)

**Finish**

Formulated for high durability and long-lasting color

**Green Technology**

Mercury and UV free. RoHs-compliant components.

## LED CHARACTERISTICS

**LEDs**

Long-life, high-efficacy, discrete, surface-mount LEDs

**Color Uniformity**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

## ELECTRICAL

**Drivers:**

Constant Current, Class 2, 120-277V, 50/60 Hz,

| MODEL                | AMPS  |       |       |       |
|----------------------|-------|-------|-------|-------|
| BOA 2 ft (Downlight) | 120V  | 208V  | 240V  | 277V  |
| 20W                  | 0.17A | 0.10A | 0.09A | 0.08A |
| 14W                  | 0.12A | 0.07A | 0.06A | 0.05A |
| 12W                  | 0.10A | 0.06A | 0.05A | 0.05A |
| 10W                  | 0.09A | 0.06A | 0.05A | 0.04A |
| 5W                   | 0.05A | 0.03A | 0.02A | 0.02A |
| BOA 3 ft (Downlight) | 120V  | 208V  | 240V  | 277V  |
| 30W                  | 0.25A | 0.15A | 0.13A | 0.12A |
| 21W                  | 0.18A | 0.11A | 0.10A | 0.09A |
| 18W                  | 0.15A | 0.09A | 0.09A | 0.08A |
| 15W                  | 0.13A | 0.08A | 0.07A | 0.07A |
| 7.5W                 | 0.07A | 0.05A | 0.05A | 0.05A |
| BOA 4 ft (Downlight) | 120V  | 208V  | 240V  | 277V  |
| 40W                  | 0.34A | 0.20A | 0.18A | 0.15A |
| 28W                  | 0.24A | 0.15A | 0.12A | 0.11A |
| 24W                  | 0.20A | 0.12A | 0.10A | 0.09A |
| 20W                  | 0.17A | 0.10A | 0.09A | 0.08A |
| 10W                  | 0.09A | 0.06A | 0.05A | 0.05A |
| BOA 8 ft (Downlight) | 120V  | 208V  | 240V  | 277V  |
| 80W                  | 0.67A | 0.40A | 0.34A | 0.30A |
| 56W                  | 0.48A | 0.27A | 0.24A | 0.21A |
| 48W                  | 0.40A | 0.24A | 0.20A | 0.18A |
| 40W                  | 0.34A | 0.20A | 0.18A | 0.15A |
| 20W                  | 0.17A | 0.10A | 0.09A | 0.08A |

## TECHNICAL SPECIFICATIONS

## ELECTRICAL (CONTINUED)

| MODEL                    | AMPS  |       |       |       |
|--------------------------|-------|-------|-------|-------|
| BOA 2 ft (Up/Down light) | 120V  | 208V  | 240V  | 277V  |
| 20W                      | 0.17A | 0.10A | 0.09A | 0.08A |
| 10W                      | 0.09A | 0.06A | 0.05A | 0.05A |
| BOA 3 ft (Up/Down light) | 120V  | 208V  | 240V  | 277V  |
| 30W                      | 0.25A | 0.15A | 0.13A | 0.12A |
| 15W                      | 0.13A | 0.08A | 0.07A | 0.07A |
| BOA 4 ft (Up/Down light) | 120V  | 208V  | 240V  | 277V  |
| 40W                      | 0.34A | 0.20A | 0.18A | 0.15A |
| 20W                      | 0.17A | 0.10A | 0.09A | 0.08A |
| BOA 8 ft (Up/Down light) | 120V  | 208V  | 240V  | 277V  |
| 80W                      | 0.67A | 0.40A | 0.34A | 0.30A |
| 40W                      | 0.34A | 0.20A | 0.18A | 0.15A |

## THD:

BOA2: 3.37% at 120V, 2.15% at 277V

BOA3: 3.64% at 120V, 7.07% at 277V

BOA4: 2.80% at 120V, 3.03% at 277V

BOA8: 3.26% at 120V, 11.62% at 277V

## Power Factor:

BOA2: 95.6% at 120V, 99.8% at 277V

BOA3: 99.7% at 120V, 94.2% at 277V

BOA4: 99.9% at 120V, 97.7% at 277V

BOA8: 99.9% at 120V, 96.1% at 277V

## Surge Protection

2kV

3FT: 1 kV L-L 2kV L/N-G

## Battery Backup Light Loss Factor:

Powers the fixture for a minimum of 90 minutes in the event of a power failure

Note: All values are typical (tolerance +/- 10%)

## LIGHTCLOUD

## Lightcloud Controller Installed:

- Integrated/embedded networked lighting control
- Luminaire-level lighting control
- Fixture, Zone, and plug-load control from one powerful device
- LLLC - Capable of switching, 0-10V dimming, power/energy monitoring
- Can also be used to extend the range of Lightcloud
- Mesh network communication protocols
- Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End Trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols.
- The Lightcloud Controller can be attached to the fixture, junction box, or electrical panel
- DLC system - N1XMLOEATBA
- Communication Protocol: Zigbee
- Line of Sight: 1,000 feet
- Obstructions: 100 feet

## LIGHTCLOUD BLUE

## Lightcloud Blue Installed

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patent-pending Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA

Learn more at [www.lightcloud.com](http://www.lightcloud.com)

## Gateway Required

No

## Communication Protocol

Bluetooth Mesh

## Range

Up to 60 feet between standard building materials

Up to 200 feet clear line of sight

## Spacing Criteria

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

## Factory Reset

Method 1: Delete from App

Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 5 times and return to full brightness.

Method 2: Manual

Locate the device identification button at the top of the Controller under the Lightcloud logo. Press and hold this button for 10s or until the indicator light begins flashing red. If the Controller is attached to a fixture, the fixture will also flash on/off 5x.

## Status Indicator

The status indicator light is located around the circumference of the top of the Controller.

Solid Green - Nano is paired to the Lightcloud Blue app

Flashing Red - Nano has been restored to default factory settings

## Device Identification Button

Located at the top of the controller under the Lightcloud logo.

Once the Controller has been provisioned to the Lightcloud Blue mobile app this button offers the following functionality:

- Press once to rapid identify this device in the Lightcloud Blue mobile app
- Press twice to toggle circuit on and off
- Press twice and hold to set dim level
- Press and hold for 10s to reset the device to factory settings and into pairing mode

## Sensor Connection Type

RJ09

## Max Mounting Height

8 to 12 feet

## Detection Range

20 ft. diameter at 9 ft. mounting height

## Sensor Type

Passive Infrared

## Sensing Type

Occupancy or Vacancy

## Sensor Sensitivity

Low/Medium/High

## Occupied Actions

On or On at a Dim Level

## TECHNICAL SPECIFICATIONS

### LIGHTCLOUD BLUE (CONTINUED)

#### Default Setting

Uncommissioned State:  
Sensor Status: Enabled  
Motion Sensitivity: High  
Brightness when triggered : 100%  
Hold time: 1 minute  
Standby to dim: 20%  
Standby time: 1 minute  
When vacant: Off  
Commissioned State:  
Sensor Status: Disabled, once enabled the following default are set.  
Motion Sensitivity: High  
Brightness when triggered: Last on status  
Hold time: 20 minutes  
When vacant: Off

#### Vacant Options

Off or On at a Dim Level

#### Occupancy Timeout

1 minute to 240 minutes

#### Daylight Sensing

The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set in the Lightcloud Blue mobile app.

Daylight Threshold

150 lux to 1500 lux

### MICROWAVE OCCUPANCY SENSOR W/DAYLIGHT SENSING, MULTI-FUNCTION SENSOR (OPTIONAL)

- Operating Voltage: 12V DC
- Operating Current:  $\leq 25\text{mA}$
- Detection Area: 25%/50%/75%/100%
- Maximum Mounting Height: 20 ft
- Customizable Detection Area: 10, 50, 75 or 100%
- Hold Time : 5s, 30s, 1min, 3min, 5min, 10min, 20min, 30min
- Cut-Off Period: 0s/10s/30s/1min/5min/10min/30min/+  $\infty$
- Cut-Off Dimming level: 10, 20, 30, 50%
- Cut-Off Power:  $\leq 0.5\text{W}$
- Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
- Sensor Principle: High Frequency
- Microwave Frequency: 5.8GHz +/- 75MHz
- Microwave Power:  $< 0.3\text{mW}$
- Max Detection Range: 46 ft.
- Operating Temperature:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$ )
- Remote Control: Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options.

### PIR SENSOR

- Brightness: 0%-100%/Quick setting: 70%/80%/90%/100% (factory setting 100%)
- Hold Time: 10s/1min/10min/30min (factory setting 1 Minute)
- Daylight: 10Lux/30Lux/50Lux/100Lux/Disable (factory default Disabled)
- Sensitivity: factory setting 100%
- Stand-By Dimming Level: 10%/20%/30% / 50% (factory setting 20%)
- Stand-By Time: 1min/30min/60min/+ $\infty$  (factory setting 1 Minute)
- Operating Voltage:  $12 \pm 2\text{V DC}$
- Operating Current: 30mA
- Output: DIM 0-10V
- Stand-By Power:  $< 0.5\text{W}$
- Lux On-Off: Adopted dual PD technology
- Detection Angle:  $\leq 120^{\circ}$  (wall mounted)  $360^{\circ}$  (ceiling mounted)
- Control Line: Black White 12V+ ; Purple: DIM+ ; Pink GND/DIM
- Mounting Height: Max 6M (ceiling mounted)
- Detection Range: Max 8m (ceiling mounted) Max 6m(wall mounted)
- Operating Temperature:  $-30^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  ( $-22^{\circ}\text{F}$  to  $140^{\circ}\text{F}$ )

### FACTORY SETTINGS

**Direct Light:** 3500K, 100% power

**Indirect Light:** 3500K, Up/Down 30%/70% power

**Recessed Light:** 3500K, 100% power

### PERFORMANCE

#### Lifespan

100,000-hours LED Lifespan based on IES LM-80 results and TM-21 calculations

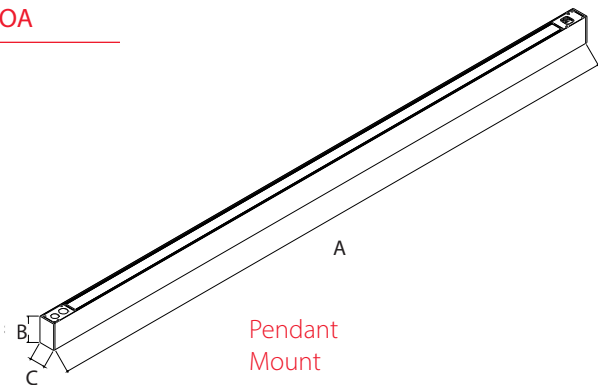
### OTHER

#### Warranty

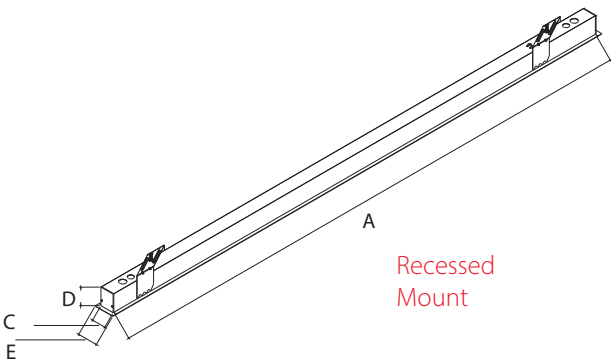
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

DIMENSIONS

BOA



Pendant Mount



Recessed Mount

WEIGHT

| PENDANT MOUNT MODEL      | 2 ft     | 3 ft     | 4 ft     | 8 ft     |
|--------------------------|----------|----------|----------|----------|
| DOWNLIGHT FLAT LENS      | 2.78 lbs | 3.31 LBS | 4.59 lbs | 8.20 lbs |
| DOWNLIGHT LOVER LENS     | 2.89 lbs | 3.75 LBS | 4.67 lbs | 8.73 lbs |
| UP/DOWNLIGHT FLAT LENS   | 3.02 lbs | 3.64 LBS | 4.85 lbs | 8.75 lbs |
| UP/DOWNLIGHT LOUVER LENS | 3.17 lbs | 4.08 LBS | 5.05 lbs | 9.28lbs  |
| RECESSED MOUNT MODEL     | 2 ft     | 3 ft     | 4 ft     | 8 ft     |
| DOWNLIGHT FLAT LENS      | 3.37 lbs | 3.97 LBS | 4.87 lbs | 8.49 lbs |
| DOWNLIGHT LOVER LENS     | 3.62 lbs | 4.41 LBS | 5.14 lbs | 9.02 lbs |

DIMENSIONS

| MODEL# | A       | B  | C      | D      | E      |
|--------|---------|----|--------|--------|--------|
| BOA2   | 23 5/8" | 3" | 1 3/4" | 2 3/8" | 2 1/2" |
| BOA3   | 36 1/2" | 3" | 1 3/4" | 2 3/8" | 2 1/2" |
| BOA4   | 47 1/4" | 3" | 1 3/4" | 2 3/8" | 2 1/2" |
| BOA8   | 94 1/2" | 3" | 1 3/4" | 2 3/8" | 2 1/2" |

ACCESSORIES

| IMAGE | ACCESSORY | UPC          | DESCRIPTION                                      |
|-------|-----------|--------------|--------------------------------------------------|
|       | BOA-TG    | 192552046558 | T GRID RECESSED MOUNT KIT                        |
|       | BOA-S     | 192552046466 | 1FT CONNECTOR MODULE DOWN LIGHT WHITE            |
|       | BOA-S/S   | 192552046473 | 1FT CONNECTOR MODULE DOWN LIGHT SILVER           |
|       | BOA-S/B   | 192552046480 | 1FT CONNECTOR MODULE DOWN LIGHT BLACK            |
|       | BOA-RS    | 192552046565 | 82FT ROLLING LENS, FOR PENDANT AND RECESSED      |
|       | BOA-RV    | 192552046527 | CONNECTOR MODULE FOR RECESSED DOWNLIGHT          |
|       | BOA-RL    | 192552046503 | CONNECTOR MODULE FOR RECESSED DOWNLIGHT LOUVERED |
|       | BOA-RT    | 192552046510 | T CONNECTOR MODULE FOR RECESSED DOWNLIGHT        |
|       | BOA-RY    | 192552046534 | Y CONNECTOR MODULE FOR RECESSED DOWNLIGHT        |
|       | BOA-RX    | 192552046497 | X CONNECTOR MODULE FOR THE RECESSED DOWNLIGHT    |

## ACCESSORIES (CONTINUED)

| IMAGE                                                                               | ACCESSORY | UPC          | DESCRIPTION                                            |
|-------------------------------------------------------------------------------------|-----------|--------------|--------------------------------------------------------|
|    | BOA-ROLL  | 192552046565 | 82FT ROLLING LENS, FOR PENDANT AND RECESSED            |
|    | BOA-SM    | 192552031639 | BOA-FA CEILING MOUNT KIT +WALL MOUNT KIT               |
|    | BOA-X     | 192552031646 | X CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA WHITE  |
|    | BOA-X/S   | 192552031653 | X CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA SILVER |
|    | BOA-X/B   | 192552031660 | X CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA BLACK  |
|    | BOA-L     | 192552031677 | L CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA WHITE  |
|    | BOA-L/S   | 192552031684 | L CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA SILVER |
|   | BOA-L/B   | 192552031691 | L CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA BLACK  |
|  | BOA-T     | 192552031707 | T CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA WHITE  |
|  | BOA-T/S   | 192552031714 | T CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA SILVER |
|  | BOA-T/B   | 192552031721 | T CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA BLACK  |
|  | BOA-V     | 192552031738 | V CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA WHITE  |
|  | BOA-V/S   | 192552031745 | V CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA SILVER |
|  | BOA-V/B   | 192552031752 | V CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA BLACK  |
|  | BOA-Y     | 192552031769 | Y CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA WHITE  |
|  | BOA-Y/S   | 192552031776 | Y CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA SILVER |
|  | BOA-Y/B   | 192552031783 | Y CONNECTOR MODULE FOR PENDANT DOWNLIGHT BOA-FA BLACK  |
|  | MSR1      | 192552026055 | MULTI-SENSOR REMOTE CONTROL IP20                       |

# BOA<sup>®</sup> Field-Adjustable Linear Lighting



## ORDERING MATRIX

### BOA Field-Adjustable Linear Lighting

| Family     | Size/Wattages | Mount     | Lens       | Light Output        | Color Temp                       | Driver                       | Finish   | Options                                                               |
|------------|---------------|-----------|------------|---------------------|----------------------------------|------------------------------|----------|-----------------------------------------------------------------------|
| <b>BOA</b> |               | <b>P</b>  |            | <b>U</b>            |                                  |                              |          |                                                                       |
| 2          | 2 ft (20W)*   | P Pendant | BLANK Flat | U Uplight/Downlight | BLANK 3000/3500/4000K Selectable | BLANK 120-277V 0-10V dimming | W White  | BLANK No Option                                                       |
| 3          | 3 ft (30W)*   |           | L Louvers  |                     |                                  |                              | S Silver | /MVS Microwave Sensor                                                 |
| 4          | 4 ft (40W)*   |           |            |                     |                                  |                              | B Black  | /PIR Passive Infrared Sensor                                          |
| 8          | 8 ft (80W)*   |           |            |                     |                                  |                              |          | /LCBS Lightcloud® Blue PIR Sensor                                     |
|            |               |           |            |                     |                                  |                              |          | /LCBS/MVS Lightcloud® Blue MVS Sensor                                 |
|            |               |           |            |                     |                                  |                              |          | /E Battery Backup <sup>1</sup>                                        |
|            |               |           |            |                     |                                  |                              |          | /MVS/E Microwave Sensor w/Battery Backup <sup>1</sup>                 |
|            |               |           |            |                     |                                  |                              |          | /PIR/E Passive Infrared Sensor w/Battery Backup <sup>1</sup>          |
|            |               |           |            |                     |                                  |                              |          | /LCBS/E Lightcloud® Blue PIR Sensor w/Battery Backup <sup>1</sup>     |
|            |               |           |            |                     |                                  |                              |          | /LCBS/MVS/E Lightcloud® Blue MVS Sensor w/Battery Backup <sup>1</sup> |

\* 5 Presets:  
Down/Up  
100% / 0% (Downlight only)  
70% / 30%  
60% / 40%  
50% / 50%  
0% / 100% (Uplight only)

| Family     | Size/Wattages           | Mount     | Lens       | Light Output    | Color Temp                       | Driver                       | Finish   | Options                                                               |
|------------|-------------------------|-----------|------------|-----------------|----------------------------------|------------------------------|----------|-----------------------------------------------------------------------|
| <b>BOA</b> |                         | <b>P</b>  |            |                 |                                  |                              |          |                                                                       |
| 2          | 2 ft (20/14/12/10/5W)   | P Pendant | BLANK Flat | BLANK Downlight | BLANK 3000/3500/4000K Selectable | BLANK 120-277V 0-10V dimming | W White  | BLANK No Option                                                       |
| 3          | 3 ft (30/21/18/15/7.5W) |           | L Louvers  |                 |                                  |                              | S Silver | /MVS Microwave Sensor                                                 |
| 4          | 4 ft (40/28/24/20/10W)  |           |            |                 |                                  |                              | B Black  | /PIR Passive Infrared Sensor                                          |
| 8          | 8 ft (80/56/48/40/20W)  |           |            |                 |                                  |                              |          | /LCBS Lightcloud® Blue PIR Sensor                                     |
|            |                         |           |            |                 |                                  |                              |          | /LCBS/MVS Lightcloud® Blue MVS Sensor                                 |
|            |                         |           |            |                 |                                  |                              |          | /E Battery Backup <sup>1</sup>                                        |
|            |                         |           |            |                 |                                  |                              |          | /MVS/E Microwave Sensor w/Battery Backup <sup>1</sup>                 |
|            |                         |           |            |                 |                                  |                              |          | /PIR/E Passive Infrared Sensor w/Battery Backup <sup>1</sup>          |
|            |                         |           |            |                 |                                  |                              |          | /LCBS/E Lightcloud® Blue PIR Sensor w/Battery Backup <sup>1</sup>     |
|            |                         |           |            |                 |                                  |                              |          | /LCBS/MVS/E Lightcloud® Blue MVS Sensor w/Battery Backup <sup>1</sup> |

| Family     | Size/Wattages           | Mount      | Lens       | Light Output    | Color temp                       | Driver                       | Finish      | Options                                                               |
|------------|-------------------------|------------|------------|-----------------|----------------------------------|------------------------------|-------------|-----------------------------------------------------------------------|
| <b>BOA</b> |                         | <b>R</b>   |            |                 |                                  |                              |             |                                                                       |
| 2          | 2 ft (20/14/12/10/5W)   | R Recessed | BLANK Flat | BLANK Downlight | BLANK 3000/3500/4000K Selectable | BLANK 120-277V 0-10V dimming | BLANK White | BLANK No Option                                                       |
| 3          | 3 ft (30/21/18/15/7.5W) |            | L Louvers  |                 |                                  |                              |             | /MVS Microwave Sensor                                                 |
| 4          | 4 ft (40/28/24/20/10W)  |            |            |                 |                                  |                              |             | /PIR Passive Infrared Sensor                                          |
| 8          | 8 ft (80/56/48/40/20W)  |            |            |                 |                                  |                              |             | /LCBS Lightcloud® Blue PIR Sensor                                     |
|            |                         |            |            |                 |                                  |                              |             | /LCBS/MVS Lightcloud® Blue MVS Sensor                                 |
|            |                         |            |            |                 |                                  |                              |             | /E Battery Backup <sup>1</sup>                                        |
|            |                         |            |            |                 |                                  |                              |             | /MVS/E Microwave Sensor w/Battery Backup <sup>1</sup>                 |
|            |                         |            |            |                 |                                  |                              |             | /PIR/E Passive Infrared Sensor w/Battery Backup <sup>1</sup>          |
|            |                         |            |            |                 |                                  |                              |             | /LCBS/E Lightcloud® Blue PIR Sensor w/Battery Backup <sup>1</sup>     |
|            |                         |            |            |                 |                                  |                              |             | /LCBS/MVS/E Lightcloud® Blue MVS Sensor w/Battery Backup <sup>1</sup> |

<sup>1</sup> Only available on 4 ft and 8 ft models only