# MOMENTUM®

## LINEAR ARCHITECTURAL SYSTEM



### FEATURES

- Infinite Shapes and Configurations
- Up/Down/Up & Down Illumination Control
- Surface/Recessed/Suspension/Wall Mount (Kits Sold Separately)
- Optional End and Side PIR Sensors Available
- Field Selectable: 3 Wattage & 3 CCT
- Offered in White and Black Finishes



### CONTROL UP/DOWN LIGHTING

| UP | | DOWN | | |
|---|---|---|---|---|
| OFF | → | 100% | Down → | 120° Beam |
| 30% | → | 70% | Up → | Batwing Shape |
| 50% | → | 50% | | |

### ORDER INFO

| Item | Size | Finish | Lumens | Wattage | DLC ID |
|---|---|---|---|---|---|
| **65-1180** | 2′ | White | 1650/2200/2750 | 15W/20W/25W | S-M9TV12 |
| **65-1280** | 2′ | Black | 1650/2200/2750 | 15W/20W/25W | S-4690BN |
| **65-1181** | 4′ | White | 3300/4400/5500 | 30W/40W/50W | S-RJQBWB |
| **65-1281** | 4′ | Black | 3300/4400/5500 | 30W/40W/50W | S-XSLKB8 |
| **65-1182** | 8′ | White | 6600/8800/11000 | 60W/80W/100W | S-HT85NN |
| **65-1282** | 8′ | Black | 6600/8800/11000 | 60W/80W/100W | S-L2HDGG |

### GENERAL SPECIFICATIONS

| | |
|---|---|
| **Range Voltage** | 120V-347V |
| **Frequency** | 50/60Hz |
| **CRI** | 80+ |
| **CCT Selectable** | 3000K/4000K/5000K |
| **Dimming** | 0-10V Down to 10% |
| **Location Rating** | Damp |
| **Operating Temperature** | -20°C (-4°F) to +45°C (+113°F) |

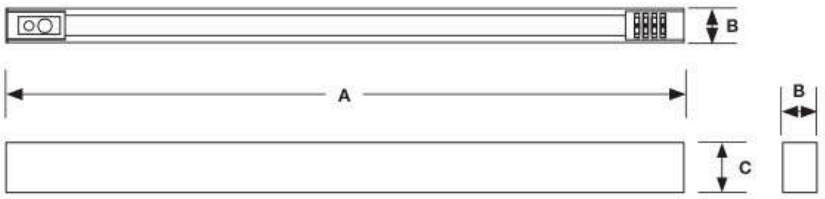
### CONSTRUCTION

| | |
|---|---|
| **Construction** | Aluminum |
| **Lens Construction** | Polycarbonate |
| **Functional Life** | 50,000 Hours |
| **Warranty** | 5 Years |

0-10V DIMMING · DAMP LOCATION · DLC LISTED · 50,000 HOURS · 5 YEAR WARRANTY · ETL LISTED · RoHS COMPLIANT

### DIMENSIONS

| Item | Length (A) | Width (B) | Height (C) | Weight |
|---|---|---|---|---|
| 65-1180 | 23.30″ | 2.36″ | 3.40″ | 3.70 Lbs. |
| 65-1280 | 23.30″ | 2.36″ | 3.40″ | 3.70 Lbs. |
| 65-1181 | 46.50″ | 2.36″ | 3.40″ | 6.61 Lbs. |
| 65-1281 | 46.50″ | 2.36″ | 3.40″ | 6.61 Lbs. |
| 65-1182 | 92.76″ | 2.36″ | 3.40″ | 12.35 Lbs. |
| 65-1282 | 92.76″ | 2.36″ | 3.40″ | 12.35 Lbs. |





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## CONNECTORS (SOLD SEPARATELY) ALL CONNECTORS ARE ILLUMINATED.

| Item | Description | Finish | |
|---|---|---|---|
| **65-1183** | L-Connector | White |  |
| **65-1283** | L-Connector | Black |  |
| **65-1184** | X-Connector | White |  |
| **65-1284** | X-Connector | Black |  |
| **65-1185** | T-Connector | White |  |
| **65-1285** | T-Connector | Black |  |
| **65-1186** | Y-Connector | White |  |
| **65-1286** | Y-Connector | Black |  |

## PIR SENSORS (SOLD SEPARATELY)

| Item | Description | Finish | |
|---|---|---|---|
| **86-230** | Side Mount | White |  |
| **86-232** | Side Mount | Black |  |
| **86-231** | End Mount | White |  |
| **86-233** | End Mount | Black |  |


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## MOUNTING KITS (SOLD SEPARATELY)

| Item | Description | Finish |
|---|---|---|
| **65-1192** | Single Unit Suspension Kit With Canopy & Anchor Cover | White |
| **65-1193** | Single Unit Suspension Kit With Canopy & Anchor Cover | Black |
| **65-1194** | Suspension Kit Run Starter With Canopy | White |
| **65-1195** | Suspension Kit Run Starter With Canopy | Black |
| **65-1196** | Run Joiner Suspension Kit With Joining Bracket & Anchor Cover | |
| **65-1197** | Wall Mount Kit | White |
| **65-1198** | Surface Mount Kit | White |



65-1192



65-1193



65-1194



65-1195



65-1196



65-1197



65-1198


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## ACCESSORIES (SOLD SEPARATELY)

| Item | Description | Finish | |
|---|---|---|---|
| **65-1190** | 6′ Power Cord | White |  |
| **65-1290** | 6′ Power Cord | Black |  |
| **65-1230** | 2′ Flange Kit | White |  |
| **65-1233** | 2′ Flange Kit | Black |  |
| **65-1231** | 4′ Flange Kit | White |  |
| **65-1234** | 4′ Flange Kit | Black |  |
| **65-1232** | 8′ Flange Kit | White |  |
| **65-1235** | 8′ Flange Kit | Black |  |
| **65-1191** | 65′ Polycarbonate Cover Roll | |  |

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Meets requirements of ICES-005 issue 5 class A for use in commercial applications.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

Specifications are subject to change without prior notice.

DLC Primary Use: Direct Linear Ambient Luminaires.

Fixture may not be compatible with all dimmers. See satco.com for details.

Visit satco.com/service/warranty for complete warranty details.



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# MOMENTUM®
LINEAR ARCHITECTURAL SYSTEM

## PHOTOMETRICS (65-1180 & 65-1280)

| Item Number | | | 65/1180 & 65/1280 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Length | | | 2' | | | | | | | | |
| Wattage | | | 25W | | | 20W | | | 15W | | |
| CCT | | | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
| Lumens / Mode | 100% Downlight / 0% Uplight | Down | 2710 | 5580 | 5509 | 2320 | 2550 | 2500 | 1705 | 1850 | 1828 |
| | | Up | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 70% Downlight / 30% Uplight | Down | 1950 | 2180 | 2100 | 1704 | 1841 | 1855 | 1247 | 1350 | 1343 |
| | | Up | 950 | 1070 | 1045 | 731 | 789 | 795 | 534 | 578 | 575 |
| | 50% Downlight / 50% Uplight | Down | 1380 | 1520 | 1500 | 1161 | 1230 | 1260 | 940 | 1050 | 1000 |
| | | Up | 1540 | 1700 | 1665 | 1290 | 1366 | 1400 | 850 | 945 | 900 |

## ZONAL LUMEN SUMMARY

| 65/1180 & 65/1280 | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Down / Up | 50/50 | | | | | | 70/30 | | | | | | 100/0 | | | | | |
| Zone | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 |
| Lumens | 517 | 834 | 1458 | 1871 | 1294 | 3165 | 593 | 957 | 1673 | 2145 | 1002 | 3147 | 804 | 1297 | 2265 | 2902 | 27 | 2929 |
| % Luminaire | 16% | 26% | 46% | 59% | 41% | 100% | 18.80% | 30% | 53% | 68% | 32% | 100% | 27% | 44% | 77% | 99% | 1% | 100% |

| Candela Table - 50/50 | | Candela Table - 70/30 | | Candela Table - 100/0 | |
|---|---|---|---|---|---|
| Vertical Angle | Candela | Vertical Angle | Candela | Vertical Angle | Candela |
| 0 | 725 | 0 | 831 | 0 | 1127 |
| 5 | 716 | 5 | 820 | 5 | 1112 |
| 15 | 673 | 15 | 771 | 15 | 1045 |
| 25 | 603 | 25 | 690 | 25 | 936 |
| 35 | 513 | 35 | 587 | 35 | 795 |
| 45 | 409 | 45 | 467 | 45 | 633 |

## PHOTOMETRICS (65-1181 & 65-1281)

| Item Number | | | 65/1181 & 65/1281 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Length | | | 4' | | | | | | | | |
| Wattage | | | 50W | | | 40W | | | 30W | | |
| CCT | | | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
| Lumens / Mode | 100% Downlight / 0% Uplight | Down | 5,408 | 5,680 | 5,609 | 4,520 | 4,670 | 4,619 | 3,373 | 3,520 | 3,480 |
| | | Up | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 70% Downlight / 30% Uplight | Down | 3,680 | 3,850 | 3,790 | 3,050 | 3,170 | 3,150 | 2,200 | 2,320 | 2,280 |
| | | Up | 1,585 | 1,650 | 1,628 | 1,320 | 1,390 | 1,380 | 1,020 | 1,050 | 1,030 |
| | 50% Downlight / 50% Uplight | Down | 2,442 | 2,572 | 2,514 | 2,020 | 2,130 | 2,078 | 1,470 | 1,550 | 1,520 |
| | | Up | 2,712 | 2,857 | 2,795 | 2,260 | 2,350 | 2,310 | 1,633 | 1,722 | 1,680 |

## ZONAL LUMEN SUMMARY

| 65/1181 & 65/1281 | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Down / Up | 50/50 | | | | | | 70/30 | | | | | | 100/0 | | | | | |
| Zone | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 |
| Lumens | 919.00 | 1,480.00 | 2,582.00 | 3,360.00 | 1,950.00 | 5,310.00 | 1,141.00 | 1,838.00 | 3,205.00 | 4,094.00 | 1,325.00 | 5,419.00 | 1,526.00 | 2,458.00 | 4,284.00 | 5,461.00 | 48.00 | 5,509.00 |
| % Luminaire | 0.17 | 0.28 | 0.49 | 0.63 | 0.37 | 1.00 | 0.21 | 0.34 | 0.59 | 0.76 | 0.24 | 1.00 | 0.28 | 0.45 | 0.78 | 0.99 | 0.01 | 1.00 |

| Candela Table - 50/50 | | Candela Table - 70/30 | | Candela Table - 100/0 | |
|---|---|---|---|---|---|
| Vertical Angle | Candela | Vertical Angle | Candela | Vertical Angle | Candela |
| 0.00 | 1,290.00 | 0.00 | 1,601.00 | 0.00 | 2,142.00 |
| 5.00 | 1,279.00 | 5.00 | 1,589.00 | 5.00 | 2,124.00 |
| 15.00 | 1,215.00 | 15.00 | 1,508.00 | 15.00 | 2,018.00 |
| 25.00 | 1,101.00 | 25.00 | 1,367.00 | 25.00 | 1,826.00 |
| 35.00 | 947.00 | 35.00 | 1,175.00 | 35.00 | 1,570.00 |
| 45.00 | 766.00 | 45.00 | 951.00 | 45.00 | 1,270.00 |


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# MOMENTUM®
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## PHOTOMETRICS (65-1182 & 65-1282)

| Item Number | | | 65/1182 & 65/1282 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Length | | | 8' | | | | | | | | |
| Wattage | | | 100W | | | 80W | | | 60W | | |
| CCT | | | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
| Lumens / Mode | 100% Downlight / 0% Uplight | Down | 11,357 | 11,928 | 11,779 | 9,492 | 9,807 | 9,700 | 6,918 | 7,216 | 7,134 |
| | | Up | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 70% Downlight / 30% Uplight | Down | 7,728 | 8,085 | 7,959 | 6,405 | 6,657 | 6,615 | 4,620 | 4,872 | 4,788 |
| | | Up | 3,329 | 3,465 | 3,419 | 2,772 | 2,919 | 2,898 | 2,142 | 2,205 | 2,163 |
| | 50% Downlight / 50% Uplight | Down | 5,128 | 5,401 | 5,279 | 4,242 | 4,473 | 4,364 | 3,087 | 3,255 | 3,192 |
| | | Up | 5,695 | 6,000 | 5,870 | 4,746 | 4,935 | 4,851 | 3,429 | 3,616 | 3,528 |

## ZONAL LUMEN SUMMARY

| 65/1182 & 65/1282 | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Down / Up | 50/50 | | | | | | 70/30 | | | | | | 100/0 | | | | | |
| Zone | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 | 0-30 | 0-40 | 0-60 | 0-90 | 90-180 | 0-180 |
| Lumens | 1,929.90 | 3,108.00 | 5,422.20 | 7,056.00 | 4,095.00 | 11,151.00 | 2,396.10 | 3,859.80 | 6,730.50 | 8,597.40 | 2,782.50 | 11,379.90 | 3,204.60 | 5,161.80 | 8,996.40 | 11,468.10 | 100.80 | 11,568.90 |
| % Luminaire | 0.16 | 0.26 | 0.46 | 0.59 | 0.41 | 1.00 | 0.19 | 0.30 | 0.53 | 0.68 | 0.32 | 1.00 | 0.27 | 0.44 | 0.77 | 0.99 | 0.01 | 1.00 |

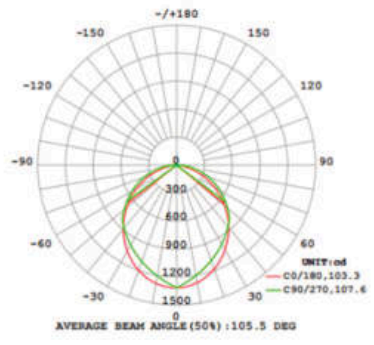
| Candela Table - 50/50 | |
|---|---|
| Vertical Angle | Candela |
| 0.00 | 2,709.00 |
| 5.00 | 2,685.90 |
| 15.00 | 2,551.50 |
| 25.00 | 2,312.10 |
| 35.00 | 1,988.70 |
| 45.00 | 1,608.60 |

| Candela Table - 70/30 | |
|---|---|
| Vertical Angle | Candela |
| 0.00 | 3,362.10 |
| 5.00 | 3,336.90 |
| 15.00 | 3,166.80 |
| 25.00 | 2,870.70 |
| 35.00 | 2,467.50 |
| 45.00 | 1,997.10 |

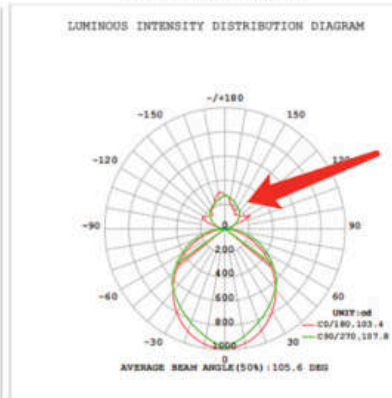
| Candela Table - 100/0 | |
|---|---|
| Vertical Angle | Candela |
| 0.00 | 4,498.20 |
| 5.00 | 4,460.40 |
| 15.00 | 4,237.80 |
| 25.00 | 3,834.60 |
| 35.00 | 3,297.00 |
| 45.00 | 2,667.00 |

## ISOCANDELA PLOT (65-1180, 65-1181, 65-1182, 65-1280, 65-1281 & 65-1282)

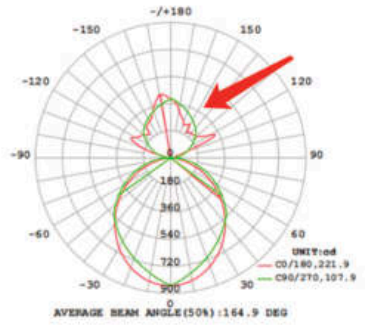
down 100%




up 30%+down 70%




up 50%+down 50%





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