































Sensors Overview (1)

Data is subject to change without notice.

| Model | Function | Input Voltage | Output Voltage | Output Function | | | Daylight Sensor | | | Detection Area ($\phi \times h$) m | Operation Temp. (°C) | Tc (°C) | Max. Load (capacitive) | Condominium Control | Certificate | |
|---|----------|---------------|---------------------------|-----------------|---|---------------------|----------------------------------|----------|----------|---|-------------------------|-------------|---------------------------|------------------------|-------------|----------------------------------|
| | | | | On-off | Bi-level or Tri-level Dimming | daylight harvest | Ambient Daylight Threshold | Built-in | Detached | | | | | | | |
|  HC005S Super-compact version on/off control | | 220-240 | 220-240 | Y | Yes, with Tridonic switchDIM ballast or driver | N | | N | Y | | 12 x 6 | (-35 ~ +70) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC009S Standard version on/off control | | 220-240 | 220-240 | Y | Yes, with Tridonic switchDIM ballast or driver | N | | Y | Y | | 12 x 6 | Tc: 85 | 85 | 400W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HC009S-KD Detached version on/off control | | 220-240 | 220-240 | Y | Yes, with Tridonic switchDIM ballast or driver | N | | Y | | Y | 12 x 6 | (-35 ~ +70) | 85 | 800W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC002S Flush mounting version on/off control | | 220-240 | 220-240 | Y | N | N | | Y | Y | | 12 x 6 | (-20 ~ +60) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC030S Attachable version on/off control | | 220-240 | 220-240 | Y | N | N | | N | Y | | 12 x 6 | (-20 ~ +60) | 85 | 800W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC419VRC Premium version tri-level dimming control | | 120-277 | 120-277 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | Y | | 8 x 5 | (-20 ~ +60) | 85 | 1000W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HC403VRC-KD+SAM5/SAM4 Detached version tri-level dimming control | | 120-277 | 120-277 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | | Y | 8 x 5 | (-20 ~ +60) | 85 | 800W @230V | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC018V Advanced version tri-level dimming control | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | Y | | 12 x 6 | Tc: 85 | 85 | 800W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC019V Advanced version condominium control | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | Y | | 12 x 6 | (-35 ~ +70) | 85 | 800W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HC407V Flush mounting version tri-level dimming control | | 120-277 | 120-277 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | Y | | 12 x 6 | (-20 ~ +60) | 85 | 800W @230V | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC419VRC/R Reinforced deluxe version tri-level dimming control | | 120-277 | 120-277 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | Y | | 16 x 15 | (-20 ~ +60) | 85 | 1000W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HC403VRC-KD+SAM6 Reinforced detached version tri-level dimming control | | 120-277 | 120-277 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | | Y | 16 x 15 | (-20 ~ +60) | 85 | 800W @230V | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC401SRC/R Reinforced standard version on/off control | | 120-277 | 120-277 | Y | N | N | | Y | Y | | 16 x 15 | (-20 ~ +60) | 85 | 800W @230V | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC430S/R Reinforced attachable version on/off control | | 120-277 | 120-277 | Y | N | N | | Y | Y | | 16 x 15 | (-20 ~ +60) | 85 | 800W @230V | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC450VDSRC Microwave aisle sensor | | 120-277 | 120-277 & 1-10V & DALI | Y | Yes, with any brand of 1-10V or DALI dimmable control gear | Y | | Y | Y | | 20 x 15 | (-20 ~ +50) | 85 | 2 x 800W | N | Semko, EMC, CE R&TTE, SAA, CB |
















Sensors Overview (2)

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| Model | Function | Input Voltage | Output Voltage | Output Function | | | | Daylight Sensor | | | Detection Area (ø x h) m | Operation Temp. (°C) | Tc (°C) | Max. Load (capacitive) | Condominium Control | Certificate |
|---|----------|---------------|-----------------|-----------------|---|------------------|--|----------------------------|----------|----------|--------------------------|----------------------|---------|------------------------|---------------------|----------------------------------|
| | | | | On-off | Bi-level or Tri-level Dimming | daylight harvest | | Ambient Daylight Threshold | Built-in | Detached | | | | | | |
|  HCD405RC DALI sensor built-in version | | DALI | DALI | Y | DALI | N | | Y | Y | | 12 x 6 | (-20 ~ +60) | 85 | Unlimited | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HCD402 DALI sensor flush mounting version | | DALI | DALI | Y | DALI | N | | N | Y | | 12 x 6 | (-35 ~ +70) | 85 | Unlimited | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HCD418 DALI sensor independent version | | 120-277 | DALI | Y | Yes, with any brand of DALI dimmable ballast/driver | N | | Y | Y | | 12 x 6 | (-35 ~ +70) | 85 | Unlimited | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HEC7030 Integrated sensorDIM™ LED driver | | 220-240 | 60V Max | Y | Y | N | | Y | | Y | 8 x 5 | Tc: 75 | 75 | 30W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HEC7028 Integrated sensorDIM™ LED driver | | 220-240 | 48V Max | Y | Y | N | | Y | Y | | 8 x 5 | Tc: 75 | 75 | 28W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HEC6018 Integrated sensorDIM™ LED driver | | 220-240 | 36V Max | Y | Y | N | | Y | Y | | 8 x 5 | Tc: 75 | 75 | 18W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HEC6028 Integrated sensorDIM™ LED driver | | 220-240 | 40V Max | Y | Y | N | | Y | Y | | 8 x 5 | Tc: 75 | 75 | 28W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HEC8025 Integrated motion sensor LED driver | | 220-240 | 43V Max | Y | N | N | | Y | | Y | 12 x 6 | Tc: 75 | 75 | 25W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HEC9025 Integrated sensorDIM™ LED driver | | 220-240 | 43V Max | Y | Y | N | | Y | | Y | 12 x 6 | Tc: 75 | 75 | 25W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC028V/RF RF Transceiver | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | Y | | 12 x 6 | Tc: 80 | 85 | 400W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HC018V/RF RF Transmitter | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | Y | | 12 x 6 | (-35 ~ +70) | 85 | 400W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HC024RF RF receiver tri-level dimming control | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | / | / | / | / | (-35 ~ +70) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC023RF RF receiver on/off control | | 220-240 | 220-240 | Y | N | N | | / | / | / | / | (-35 ~ +70) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB |
|  HC038V+SAM8 RF Transceiver tri-level dimming control | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | | Y | 12 x 6 | (-35 ~ +70) | 85 | 400W | Y | Semko, EMC, CE R&TTE, SAA, CB |
|  HCD038+SAM8 RF Transceiver DALI control | | 220-240 | DALI | Y | Yes, with any brand of DALI dimmable ballast/driver | N | | Y | | Y | 12 x 6 | (-35 ~ +70) | 85 | 400W | Y | Semko, EMC, CE R&TTE, SAA, CB |

Sensors Overview (3)

Data is subject to change without notice.

| Model | Function | Input Voltage | Output Voltage | Output Function | | | Daylight Sensor | | | Detection Area (ø x h) m | Operation Temp. (°C) | Tc (°C) | Max. Load (capacitive) | Condominium Control | Certificate |
|--|----------|---------------|-----------------|-----------------|--|------------------|----------------------------|----------|----------|--------------------------|----------------------|---------------------------|------------------------|-------------------------------|-------------|
| | | | | On-off | Bi-level or Tri-level Dimming | daylight harvest | Ambient Daylight Threshold | Built-in | Detached | | | | | | |
|  HC407VDS Daylight harvest flush mounting version | | 120-277 | 120-277 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | Y | Y | Y | 12 x 6 | (-20 ~ + 60) | 85 | 800W @230V | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC038V+HIRO1 Daylight harvest detached version | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | Y | | Y | 8 x 5 | (-20 ~ + 55) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HCD038+HIRO1 Daylight harvest detached version | | 220-240 | DALI | Y | Yes, with any brand of DALI dimmable ballast/driver | Y | | Y | 8 x 5 | (-20 ~ + 55) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC009SDC Dry contact standard version | | 220-240 | Dry contact | Y | N | N | Y | Y | 12 x 6 | (-35 ~ + 70) | 85 | 3.6A@<277VAC 2A@<48VDC | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC502SDC Dry contact flush mounting version | | 12VDC | ≤12VDC | Y | N | N | N | Y | 12 x 6 | (-35 ~ + 70) | 85 | <1A | N | EMC, CE R&TTE, SAA | |
|  HC020SDC Dry contact alternating version | | 220-240 | Dry contact | Y | N | N | N | Y | 8 x 5 | (-35 ~ + 70) | 85 | 3.6A@<277VAC 2A@<48VDC | N | EMC, CE R&TTE, SAA | |
|  HC009S/EXT False ceiling on/off control | | 220-240 | 220-240 | Y | Yes, with Tridonic switchDIM ballast or driver | N | | Y | 12 x 3 | (-20 ~ + 60) | 85 | 400W | Y | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC018V/EXT False ceiling tri-level dimming control | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | 12 x 3 | (-20 ~ + 60) | 85 | 800W | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC019V/EXT False ceiling condominium control | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | 12 x 3 | (-20 ~ + 60) | 85 | 800W | Y | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC011D/EXT False ceiling PWM dimming control | | 20 - 90 VDC | PWM 20 - 90VDC | Y | Yes, with non-dimmable LED driver | N | | N | 12 x 3 | (-20 ~ + 60) | 85 | 100W | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC501S DC operation version | | 12V | 12V~48V | Y | N | N | | N | 8 x 5 | (-35 ~ + 70) | 85 | 6A | N | NIL, EMC, CE R&TTE, SAA | |
|  HC008S/M Medium range version | | 220-240 | 220-240 | Y | N | N | Y | N | 8 x 5 | (-35 ~ + 70) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC402S/T For triac dimmer | | 120-277 | 120-277 | Y | N | N | N | Y | 12 x 6 | (-20 ~ + 60) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HC038V+HIRO2 Detached linear sensor tri-level dimming control | | 220-240 | 220-240 & 1-10V | Y | Yes, with any brand of 1-10V dimmable ballast/driver | N | | Y | 8 x 5 | (-20 ~ + 55) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB | |
|  HCD038+HIRO2 Detached linear sensor DALI control | | 220-240 | DALI | Y | Yes, with any brand of DALI dimmable ballast/driver | N | | Y | 8 x 5 | (-20 ~ + 55) | 85 | 400W | N | Semko, EMC, CE R&TTE, SAA, CB | |