































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)

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						
 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	