



LUTRON® Product Report Card

Manufacturer: Cooper (Halo)
 Model Number Tested: H456ICAT120D
 Other Model Numbers: None

Manufacturer's Description

Type of device: LED 4" downlight IC fixture
 Operating voltage: 120V
 Input Power: 15 W
 Input Current: 0.13 A
 Input Frequency: 60Hz

Control Type: Unspecified Phase Control
 Dimming Range: Not Specified
 Output Power: Not Specified
 Lumen Output: Not Specified

Lutron Test Results

Date Tested: 18-Jul-11
 Figure of Merit: N/A
 Test Voltage: 120 V
 Test Notes: None

Lutron Recommended Compatible Products

Lutron products not in this list can be considered to be not compatible, based on our testing.

Product	Model Number	Fixtures per Dimmer		Measured Dimming Range ⁽¹⁾		Perceived Low End ⁽²⁾	Comments
		Minimum	Maximum	Low End	High End		
<i>Wallbox Dimmers</i>							
All C.L Dimmers	DV(W)CL-153P CTCL-153P	1	10	11%	98%	33%	
Maestro RF	MRF2-6ND	1	4	16%	99%	40%	
Maestro RF	MRF2-6ELV	1	30	20%	99%	45%	
<i>Commercial Systems</i>							
Panel Module	HW/LP-RPM-4U-120	1	15	13%	100%	37%	
Grafik QS	Grafik Eye QS Main Unit Family	1	6	12%	99%	35%	
Panel Module	GP (Harrier) Card	1	15	10%	99%	32%	
<i>Residential Systems</i>							
Panel Module	HW/LP-RPM-4U-120	1	15	13%	100%	37%	
Grafik QS	Grafik Eye QS Main Unit Family	1	6	12%	99%	35%	
Panel Module	GP (Harrier) Card	1	15	10%	99%	32%	
RadioRA 2	RRD-10ND	1	7	16%	97%	41%	
RadioRA 2	RRD-6NA	1	30	20%	99%	45%	
<i>Interfaces ⁽³⁾</i>							
	PHPM-WBX with DVF-103P	1	102	19%	100%	43%	
	PHPM-WBX with QSG-6D	1	102	17%	97%	41%	
Notes:	(1) Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability (2) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook (3) Interfaces have been tested with the listed control; any compatible dimmer may be used instead, but high end/low end light levels may vary slightly						

Test Comments: Start time of greater than 2 seconds may be experienced when turned on at low end with most dimmers. Mismatched start times may also be experienced.

*For any questions on this report, please contact the Lutron LED Center of Excellence at 877-DIM-LED8 or leds@lutron.com
 This information was posted with the consent and cooperation of the device manufacturer. Latest test results can always be found at www.lutron.com/LEDtool.*