

After Hours Dim

Supplemental guide

After Hours Dim utilizes the latest technology to bring you a low-cost, simplified solution for additional energy savings beyond “dusk to dawn” on/off operation. Specify an After Hours Dim profile for a factory-shipped solution requiring no external control wiring and no on-site configuration. With a high output luminaire and average energy costs (\$0.105/kWh), savings can exceed \$110 per year for each and every fixture on your site. Reference Cooper Lighting Solutions’ energy calculators to see how much you can save!

In conjunction with a dusk-to-dawn photocontroller, the After Hours Dim feature utilizes a proprietary algorithm to calculate the mid-point of the night. With few things more reliable than the sun coming up, the cost and risk of failure or time drift associated with a clock is eliminated. With the natural changes throughout the year in the night-time period, your luminaires with After Hours Dim technology will automatically and gradually adjust the dimming period. The image below illustrates an After Hours Dim profile in effect.

The first digit in the After Hours Dim profile represents the number of hours before the mid-point of the night to begin dimming. The second digit represents the number of hours after the midpoint to maintain the dim level and the third digit represents the percentage of the dim level. For a custom After Hours Dim profile, contact your Cooper Lighting Solutions representative.

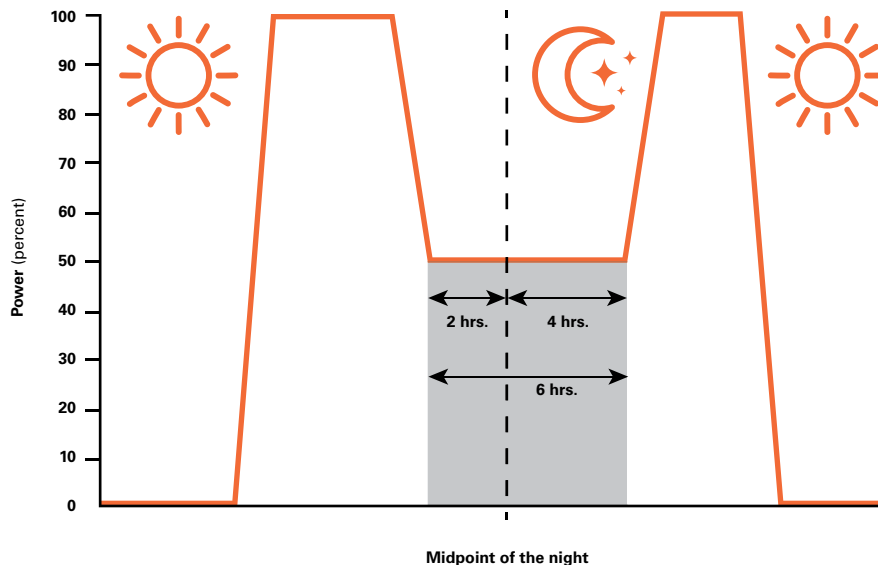
Reference the tables on the following pages to find the approximate dimming times in your location for each of the After Hours Dim profiles. The earliest dimming period will typically be associated with the day after daylight savings begins in the spring and the latest dimming period will typically be associated with the day after daylight savings ends in the the fall.

Dimming Profile	Time Dimmed to 50%	Estimated Annualized Energy Savings
AHD145	5 hours	22%
AHD245	6 hours	26%
AHD255	7 hours	30%
AHD355	8 hours	35%

Example After Hours Dim Profile

AHD245

- 5=50% light level
- 4=Dim until 4 hours after midpoint
- 2=Begin dimming 2 hours before midpoint



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City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
Albuquerque	AHD145	10:50 PM	3:50 AM	11:36 PM	4:36 AM	12:15 AM	5:15 AM
	AHD245	9:50 PM	3:50 AM	10:36 PM	4:36 AM	11:15 PM	5:15 AM
	AHD255	9:50 PM	4:50 AM	10:36 PM	5:36 AM	11:15 PM	6:15 AM
	AHD355	8:50 PM	4:50 AM	9:36 PM	5:36 AM	10:15 PM	6:15 AM
Atlanta	AHD145	11:21 PM	4:21 AM	12:07 AM	5:07 AM	12:46 AM	5:46 AM
	AHD245	10:21 PM	4:21 AM	11:07 PM	5:07 AM	11:46 PM	5:46 AM
	AHD255	10:21 PM	5:21 AM	11:07 PM	6:07 AM	11:46 PM	6:46 AM
	AHD355	9:21 PM	5:21 AM	10:07 PM	6:07 AM	10:46 PM	6:46 AM
Austin	AHD145	11:14 PM	4:14 AM	12:01 AM	5:01 AM	12:40 AM	5:40 AM
	AHD245	10:14 PM	4:14 AM	11:01 PM	5:01 AM	11:40 PM	5:40 AM
	AHD255	10:14 PM	5:14 AM	11:01 PM	6:01 AM	11:40 PM	6:40 AM
	AHD355	9:14 PM	5:14 AM	10:01 PM	6:01 AM	10:40 PM	6:40 AM
Baltimore	AHD145	10:50 PM	3:50 AM	11:36 PM	4:36 AM	12:15 AM	5:15 AM
	AHD245	9:50 PM	3:50 AM	10:36 PM	4:36 AM	11:15 PM	5:15 AM
	AHD255	9:50 PM	4:50 AM	10:36 PM	5:36 AM	11:15 PM	6:15 AM
	AHD355	8:50 PM	4:50 AM	9:36 PM	5:36 AM	10:15 PM	6:15 AM
Bangor	AHD145	10:18 PM	3:18 AM	11:05 PM	4:05 AM	11:44 PM	4:44 AM
	AHD245	9:18 PM	3:18 AM	10:05 PM	4:05 AM	10:44 PM	4:44 AM
	AHD255	9:18 PM	4:18 AM	10:05 PM	5:05 AM	10:44 PM	5:44 AM
	AHD355	8:18 PM	4:18 AM	9:05 PM	5:05 AM	9:44 PM	5:44 AM
Billings	AHD145	10:57 PM	3:57 AM	11:44 PM	4:44 AM	12:23 AM	5:23 AM
	AHD245	9:57 PM	3:57 AM	10:44 PM	4:44 AM	11:23 PM	5:23 AM
	AHD255	9:57 PM	4:57 AM	10:44 PM	5:44 AM	11:23 PM	6:23 AM
	AHD355	8:57 PM	4:57 AM	9:44 PM	5:44 AM	10:23 PM	6:23 AM
Boise	AHD145	11:28 PM	4:28 AM	12:15 AM	5:15 AM	12:54 AM	5:54 AM
	AHD245	10:28 PM	4:28 AM	11:15 PM	5:15 AM	11:54 PM	5:54 AM
	AHD255	10:28 PM	5:28 AM	11:15 PM	6:15 AM	11:54 PM	6:54 AM
	AHD355	9:28 PM	5:28 AM	10:15 PM	6:15 AM	10:54 PM	6:54 AM
Boston	AHD145	10:28 PM	3:28 AM	11:14 PM	4:14 AM	11:53 PM	4:53 AM
	AHD245	9:28 PM	3:28 AM	10:14 PM	4:14 AM	10:53 PM	4:53 AM
	AHD255	9:28 PM	4:28 AM	10:14 PM	5:14 AM	10:53 PM	5:53 AM
	AHD355	8:28 PM	4:28 AM	9:14 PM	5:14 AM	9:53 PM	5:53 AM
Burlington	AHD145	11:02 PM	4:02 AM	11:49 PM	4:49 AM	12:28 AM	5:28 AM
	AHD245	10:02 PM	4:02 AM	10:49 PM	4:49 AM	11:28 PM	5:28 AM
	AHD255	10:02 PM	5:02 AM	10:49 PM	5:49 AM	11:28 PM	6:28 AM
	AHD355	9:02 PM	5:02 AM	9:49 PM	5:49 AM	10:28 PM	6:28 AM
Calgary	AHD145	11:19 PM	4:19 AM	12:06 AM	5:06 AM	12:45 AM	5:45 AM
	AHD245	10:19 PM	4:19 AM	11:06 PM	5:06 AM	11:45 PM	5:45 AM
	AHD255	10:19 PM	5:19 AM	11:06 PM	6:06 AM	11:45 PM	6:45 AM
	AHD355	9:19 PM	5:19 AM	10:06 PM	6:06 AM	10:45 PM	6:45 AM
Charlotte	AHD145	11:07 PM	4:07 AM	11:53 PM	4:53 AM	12:32 AM	5:32 AM
	AHD245	10:07 PM	4:07 AM	10:53 PM	4:53 AM	11:32 PM	5:32 AM
	AHD255	10:07 PM	5:07 AM	10:53 PM	5:53 AM	11:32 PM	6:32 AM
	AHD355	9:07 PM	5:07 AM	9:53 PM	5:53 AM	10:32 PM	6:32 AM

City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
Cheyenne	AHD145	10:43 PM	3:43 AM	11:29 PM	4:29 AM	12:08 AM	5:08 AM
	AHD245	9:43 PM	3:43 AM	10:29 PM	4:29 AM	11:08 PM	5:08 AM
	AHD255	9:43 PM	4:43 AM	10:29 PM	5:29 AM	11:08 PM	6:08 AM
	AHD355	8:43 PM	4:43 AM	9:29 PM	5:29 AM	10:08 PM	6:08 AM
Chicago	AHD145	10:34 PM	3:34 AM	11:20 PM	4:20 AM	11:59 PM	4:59 AM
	AHD245	9:34 PM	3:34 AM	10:20 PM	4:20 AM	10:59 PM	4:59 AM
	AHD255	9:34 PM	4:34 AM	10:20 PM	5:20 AM	10:59 PM	5:59 AM
	AHD355	8:34 PM	4:34 AM	9:20 PM	5:20 AM	9:59 PM	5:59 AM
Cincinnati	AHD145	11:21 PM	4:21 AM	12:08 AM	5:08 AM	12:47 AM	5:47 AM
	AHD245	10:21 PM	4:21 AM	11:08 PM	5:08 AM	11:47 PM	5:47 AM
	AHD255	10:21 PM	5:21 AM	11:08 PM	6:08 AM	11:47 PM	6:47 AM
	AHD355	9:21 PM	5:21 AM	10:08 PM	6:08 AM	10:47 PM	6:47 AM
Cleveland	AHD145	11:10 PM	4:10 AM	11:56 PM	4:56 AM	12:35 AM	5:35 AM
	AHD245	10:10 PM	4:10 AM	10:56 PM	4:56 AM	11:35 PM	5:35 AM
	AHD255	10:10 PM	5:10 AM	10:56 PM	5:56 AM	11:35 PM	6:35 AM
	AHD355	9:10 PM	5:10 AM	9:56 PM	5:56 AM	10:35 PM	6:35 AM
Columbus	AHD145	11:15 PM	4:15 AM	12:02 AM	5:02 AM	12:41 AM	5:41 AM
	AHD245	10:15 PM	4:15 AM	11:02 PM	5:02 AM	11:41 PM	5:41 AM
	AHD255	10:15 PM	5:15 AM	11:02 PM	6:02 AM	11:41 PM	6:41 AM
	AHD355	9:15 PM	5:15 AM	10:02 PM	6:02 AM	10:41 PM	6:41 AM
Dallas	AHD145	11:11 PM	4:11 AM	11:57 PM	4:57 AM	12:36 AM	5:36 AM
	AHD245	10:11 PM	4:11 AM	10:57 PM	4:57 AM	11:36 PM	5:36 AM
	AHD255	10:11 PM	5:11 AM	10:57 PM	5:57 AM	11:36 PM	6:36 AM
	AHD355	9:11 PM	5:11 AM	9:57 PM	5:57 AM	10:36 PM	6:36 AM
Denver	AHD145	10:43 PM	3:43 AM	11:30 PM	4:30 AM	12:09 AM	5:09 AM
	AHD245	9:43 PM	3:43 AM	10:30 PM	4:30 AM	11:09 PM	5:09 AM
	AHD255	9:43 PM	4:43 AM	10:30 PM	5:30 AM	11:09 PM	6:09 AM
	AHD355	8:43 PM	4:43 AM	9:30 PM	5:30 AM	10:09 PM	6:09 AM
Detroit	AHD145	11:15 PM	4:15 AM	12:02 AM	5:02 AM	12:41 AM	5:41 AM
	AHD245	10:15 PM	4:15 AM	11:02 PM	5:02 AM	11:41 PM	5:41 AM
	AHD255	10:15 PM	5:15 AM	11:02 PM	6:02 AM	11:41 PM	6:41 AM
	AHD355	9:15 PM	5:15 AM	10:02 PM	6:02 AM	10:41 PM	6:41 AM
Duluth	AHD145	10:52 PM	3:52 AM	11:38 PM	4:38 AM	12:17 AM	5:17 AM
	AHD245	9:52 PM	3:52 AM	10:38 PM	4:38 AM	11:17 PM	5:17 AM
	AHD255	9:52 PM	4:52 AM	10:38 PM	5:38 AM	11:17 PM	6:17 AM
	AHD355	8:52 PM	4:52 AM	9:38 PM	5:38 AM	10:17 PM	6:17 AM
Edmonton	AHD145	11:18 PM	4:18 AM	12:04 AM	5:04 AM	12:43 AM	5:43 AM
	AHD245	10:18 PM	4:18 AM	11:04 PM	5:04 AM	11:43 PM	5:43 AM
	AHD255	10:18 PM	5:18 AM	11:04 PM	6:04 AM	11:43 PM	6:43 AM
	AHD355	9:18 PM	5:18 AM	10:04 PM	6:04 AM	10:43 PM	6:43 AM
El Paso	AHD145	10:49 PM	3:49 AM	11:35 PM	4:35 AM	12:14 AM	5:14 AM
	AHD245	9:49 PM	3:49 AM	10:35 PM	4:35 AM	11:14 PM	5:14 AM
	AHD255	9:49 PM	4:49 AM	10:35 PM	5:35 AM	11:14 PM	6:14 AM
	AHD355	8:49 PM	4:49 AM	9:35 PM	5:35 AM	10:14 PM	6:14 AM

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City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
Fargo	AHD145	11:09 PM	4:09 AM	11:56 PM	4:56 AM	12:35 AM	5:35 AM
	AHD245	10:09 PM	4:09 AM	10:56 PM	4:56 AM	11:35 PM	5:35 AM
	AHD255	10:09 PM	5:09 AM	10:56 PM	5:56 AM	11:35 PM	6:35 AM
	AHD355	9:09 PM	5:09 AM	9:56 PM	5:56 AM	10:35 PM	6:35 AM
Fredericton	AHD145	11:10 PM	4:10 AM	11:56 PM	4:56 AM	12:35 AM	5:35 AM
	AHD245	10:10 PM	4:10 AM	10:56 PM	4:56 AM	11:35 PM	5:35 AM
	AHD255	10:10 PM	5:10 AM	10:56 PM	5:56 AM	11:35 PM	6:35 AM
	AHD355	9:10 PM	5:10 AM	9:56 PM	5:56 AM	10:35 PM	6:35 AM
Fresno	AHD145	10:43 PM	3:43 AM	11:29 PM	4:29 AM	12:08 AM	5:08 AM
	AHD245	9:43 PM	3:43 AM	10:29 PM	4:29 AM	11:08 PM	5:08 AM
	AHD255	9:43 PM	4:43 AM	10:29 PM	5:29 AM	11:08 PM	6:08 AM
	AHD355	8:43 PM	4:43 AM	9:29 PM	5:29 AM	10:08 PM	6:08 AM
Green Bay	AHD145	10:36 PM	3:36 AM	11:22 PM	4:22 AM	12:01 AM	5:01 AM
	AHD245	9:36 PM	3:36 AM	10:22 PM	4:22 AM	11:01 PM	5:01 AM
	AHD255	9:36 PM	4:36 AM	10:22 PM	5:22 AM	11:01 PM	6:01 AM
	AHD355	8:36 PM	4:36 AM	9:22 PM	5:22 AM	10:01 PM	6:01 AM
Guadalajara	AHD145	11:37 PM	4:37 AM	12:23 AM	5:23 AM	1:02 AM	6:02 AM
	AHD245	10:37 PM	4:37 AM	11:23 PM	5:23 AM	12:02 AM	6:02 AM
	AHD255	10:37 PM	5:37 AM	11:23 PM	6:23 AM	12:02 AM	7:02 AM
	AHD355	9:37 PM	5:37 AM	10:23 PM	6:23 AM	11:02 PM	7:02 AM
Halifax	AHD145	10:54 PM	3:54 AM	11:41 PM	4:41 AM	12:20 AM	5:20 AM
	AHD245	9:54 PM	3:54 AM	10:41 PM	4:41 AM	11:20 PM	5:20 AM
	AHD255	9:54 PM	4:54 AM	10:41 PM	5:41 AM	11:20 PM	6:20 AM
	AHD355	8:54 PM	4:54 AM	9:41 PM	5:41 AM	10:20 PM	6:20 AM
Houston	AHD145	11:05 PM	4:05 AM	11:51 PM	4:51 AM	12:30 AM	5:30 AM
	AHD245	10:05 PM	4:05 AM	10:51 PM	4:51 AM	11:30 PM	5:30 AM
	AHD255	10:05 PM	5:05 AM	10:51 PM	5:51 AM	11:30 PM	6:30 AM
	AHD355	9:05 PM	5:05 AM	9:51 PM	5:51 AM	10:30 PM	6:30 AM
Indianapolis	AHD145	11:28 PM	4:28 AM	12:14 AM	5:14 AM	12:53 AM	5:53 AM
	AHD245	10:28 PM	4:28 AM	11:14 PM	5:14 AM	11:53 PM	5:53 AM
	AHD255	10:28 PM	5:28 AM	11:14 PM	6:14 AM	11:53 PM	6:53 AM
	AHD355	9:28 PM	5:28 AM	10:14 PM	6:14 AM	10:53 PM	6:53 AM
Kansas City	AHD145	11:01 PM	4:01 AM	11:48 PM	4:48 AM	12:28 AM	5:28 AM
	AHD245	10:01 PM	4:01 AM	10:48 PM	4:48 AM	11:28 PM	5:28 AM
	AHD255	10:01 PM	5:01 AM	10:48 PM	5:48 AM	11:28 PM	6:28 AM
	AHD355	9:01 PM	5:01 AM	9:48 PM	5:48 AM	10:28 PM	6:28 AM
Knoxville	AHD145	11:19 PM	4:19 AM	12:05 AM	5:05 AM	12:44 AM	5:44 AM
	AHD245	10:19 PM	4:19 AM	11:05 PM	5:05 AM	11:44 PM	5:44 AM
	AHD255	10:19 PM	5:19 AM	11:05 PM	6:05 AM	11:44 PM	6:44 AM
	AHD355	9:19 PM	5:19 AM	10:05 PM	6:05 AM	10:44 PM	6:44 AM
Las Vegas	AHD145	10:24 PM	3:24 AM	11:10 PM	4:10 AM	11:49 PM	4:49 AM
	AHD245	9:24 PM	3:24 AM	10:10 PM	4:10 AM	10:49 PM	4:49 AM
	AHD255	9:24 PM	4:24 AM	10:10 PM	5:10 AM	10:49 PM	5:49 AM
	AHD355	8:24 PM	4:24 AM	9:10 PM	5:10 AM	9:49 PM	5:49 AM

City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
Little Rock	AHD145	10:52 PM	3:52 AM	11:39 PM	4:39 AM	12:18 AM	5:18 AM
	AHD245	9:52 PM	3:52 AM	10:39 PM	4:39 AM	11:18 PM	5:18 AM
	AHD255	9:52 PM	4:52 AM	10:39 PM	5:39 AM	11:18 PM	6:18 AM
	AHD355	8:52 PM	4:52 AM	9:39 PM	5:39 AM	10:18 PM	6:18 AM
Los Angeles	AHD145	10:37 PM	3:37 AM	11:23 PM	4:23 AM	12:02 AM	5:02 AM
	AHD245	9:37 PM	3:37 AM	10:23 PM	4:23 AM	11:02 PM	5:02 AM
	AHD255	9:37 PM	4:37 AM	10:23 PM	5:23 AM	11:02 PM	6:02 AM
	AHD355	8:37 PM	4:37 AM	9:23 PM	5:23 AM	10:02 PM	6:02 AM
Louisville	AHD145	11:27 PM	4:27 AM	12:13 AM	5:13 AM	12:52 AM	5:52 AM
	AHD245	10:27 PM	4:27 AM	11:13 PM	5:13 AM	11:52 PM	5:52 AM
	AHD255	10:27 PM	5:27 AM	11:13 PM	6:13 AM	11:52 PM	6:52 AM
	AHD355	9:27 PM	5:27 AM	10:13 PM	6:13 AM	10:52 PM	6:52 AM
Memphis	AHD145	10:44 PM	3:44 AM	11:30 PM	4:30 AM	12:09 AM	5:09 AM
	AHD245	9:44 PM	3:44 AM	10:30 PM	4:30 AM	11:09 PM	5:09 AM
	AHD255	9:44 PM	4:44 AM	10:30 PM	5:30 AM	11:09 PM	6:09 AM
	AHD355	8:44 PM	4:44 AM	9:30 PM	5:30 AM	10:09 PM	6:09 AM
Mexico City	AHD145	11:20 PM	4:20 AM	12:06 AM	5:06 AM	12:45 AM	5:45 AM
	AHD245	10:20 PM	4:20 AM	11:06 PM	5:06 AM	11:45 PM	5:45 AM
	AHD255	10:20 PM	5:20 AM	11:06 PM	6:06 AM	11:45 PM	6:45 AM
	AHD355	9:20 PM	5:20 AM	10:06 PM	6:06 AM	10:45 PM	6:45 AM
Miami	AHD145	11:04 PM	4:04 AM	11:50 PM	4:50 AM	12:29 AM	5:29 AM
	AHD245	10:04 PM	4:04 AM	10:50 PM	4:50 AM	11:29 PM	5:29 AM
	AHD255	10:04 PM	5:04 AM	10:50 PM	5:50 AM	11:29 PM	6:29 AM
	AHD355	9:04 PM	5:04 AM	9:50 PM	5:50 AM	10:29 PM	6:29 AM
Milwaukee	AHD145	10:35 PM	3:35 AM	11:21 PM	4:21 AM	12:00 AM	5:00 AM
	AHD245	9:35 PM	3:35 AM	10:21 PM	4:21 AM	11:00 PM	5:00 AM
	AHD255	9:35 PM	4:35 AM	10:21 PM	5:21 AM	11:00 PM	6:00 AM
	AHD355	8:35 PM	4:35 AM	9:21 PM	5:21 AM	10:00 PM	6:00 AM
Minneapolis	AHD145	10:56 PM	3:56 AM	11:43 PM	4:43 AM	12:22 AM	5:22 AM
	AHD245	9:56 PM	3:56 AM	10:43 PM	4:43 AM	11:22 PM	5:22 AM
	AHD255	9:56 PM	4:56 AM	10:43 PM	5:43 AM	11:22 PM	6:22 AM
	AHD355	8:56 PM	4:56 AM	9:43 PM	5:43 AM	10:22 PM	6:22 AM
Monterrey	AHD145	11:24 PM	4:24 AM	12:11 AM	5:11 AM	12:50 AM	5:50 AM
	AHD245	10:24 PM	4:24 AM	11:11 PM	5:11 AM	11:50 PM	5:50 AM
	AHD255	10:24 PM	5:24 AM	11:11 PM	6:11 AM	11:50 PM	6:50 AM
	AHD355	9:24 PM	5:24 AM	10:11 PM	6:11 AM	10:50 PM	6:50 AM
Montgomery	AHD145	10:29 PM	3:29 AM	11:15 PM	4:15 AM	11:54 PM	4:54 AM
	AHD245	9:29 PM	3:29 AM	10:15 PM	4:15 AM	10:54 PM	4:54 AM
	AHD255	9:29 PM	4:29 AM	10:15 PM	5:15 AM	10:54 PM	5:54 AM
	AHD355	8:29 PM	4:29 AM	9:15 PM	5:15 AM	9:54 PM	5:54 AM
Montreal	AHD145	10:38 PM	3:38 AM	11:24 PM	4:24 AM	12:03 AM	5:03 AM
	AHD245	9:38 PM	3:38 AM	10:24 PM	4:24 AM	11:03 PM	5:03 AM
	AHD255	9:38 PM	4:38 AM	10:24 PM	5:24 AM	11:03 PM	6:03 AM
	AHD355	8:38 PM	4:38 AM	9:24 PM	5:24 AM	10:03 PM	6:03 AM

After Hours Dim

Supplemental guide

City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
Myrtle Beach	AHD145	10:59 PM	3:59 AM	11:45 PM	4:45 AM	12:24 AM	5:24 AM
	AHD245	9:59 PM	3:59 AM	10:45 PM	4:45 AM	11:24 PM	5:24 AM
	AHD255	9:59 PM	4:59 AM	10:45 PM	5:45 AM	11:24 PM	6:24 AM
	AHD355	8:59 PM	4:59 AM	9:45 PM	5:45 AM	10:24 PM	6:24 AM
Nashville	AHD145	10:31 PM	3:31 AM	11:17 PM	4:17 AM	11:56 PM	4:56 AM
	AHD245	9:31 PM	3:31 AM	10:17 PM	4:17 AM	10:56 PM	4:56 AM
	AHD255	9:31 PM	4:31 AM	10:17 PM	5:17 AM	10:56 PM	5:56 AM
	AHD355	8:31 PM	4:31 AM	9:17 PM	5:17 AM	9:56 PM	5:56 AM
New Orleans	AHD145	10:44 PM	3:44 AM	11:30 PM	4:30 AM	12:09 AM	5:09 AM
	AHD245	9:44 PM	3:44 AM	10:30 PM	4:30 AM	11:09 PM	5:09 AM
	AHD255	9:44 PM	4:44 AM	10:30 PM	5:30 AM	11:09 PM	6:09 AM
	AHD355	8:44 PM	4:44 AM	9:30 PM	5:30 AM	10:09 PM	6:09 AM
New York	AHD145	10:40 PM	3:40 AM	11:26 PM	4:26 AM	12:05 AM	5:05 AM
	AHD245	9:40 PM	3:40 AM	10:26 PM	4:26 AM	11:05 PM	5:05 AM
	AHD255	9:40 PM	4:40 AM	10:26 PM	5:26 AM	11:05 PM	6:05 AM
	AHD355	8:40 PM	4:40 AM	9:26 PM	5:26 AM	10:05 PM	6:05 AM
Oklahoma City	AHD145	11:13 PM	4:13 AM	12:00 AM	5:00 AM	12:39 AM	5:39 AM
	AHD245	10:13 PM	4:13 AM	11:00 PM	5:00 AM	11:39 PM	5:39 AM
	AHD255	10:13 PM	5:13 AM	11:00 PM	6:00 AM	11:39 PM	6:39 AM
	AHD355	9:13 PM	5:13 AM	10:00 PM	6:00 AM	10:39 PM	6:39 AM
Omaha	AHD145	11:07 PM	4:07 AM	11:54 PM	4:54 AM	12:33 AM	5:33 AM
	AHD245	10:07 PM	4:07 AM	10:54 PM	4:54 AM	11:33 PM	5:33 AM
	AHD255	10:07 PM	5:07 AM	10:54 PM	5:54 AM	11:33 PM	6:33 AM
	AHD355	9:07 PM	5:07 AM	9:54 PM	5:54 AM	10:33 PM	6:33 AM
Orlando	AHD145	11:09 PM	4:09 AM	11:55 PM	4:55 AM	12:34 AM	5:34 AM
	AHD245	10:09 PM	4:09 AM	10:55 PM	4:55 AM	11:34 PM	5:34 AM
	AHD255	10:09 PM	5:09 AM	10:55 PM	5:55 AM	11:34 PM	6:34 AM
	AHD355	9:09 PM	5:09 AM	9:55 PM	5:55 AM	10:34 PM	6:34 AM
Ottawa	AHD145	10:46 PM	3:46 AM	11:32 PM	4:32 AM	12:11 AM	5:11 AM
	AHD245	9:46 PM	3:46 AM	10:32 PM	4:32 AM	11:11 PM	5:11 AM
	AHD255	9:46 PM	4:46 AM	10:32 PM	5:32 AM	11:11 PM	6:11 AM
	AHD355	8:46 PM	4:46 AM	9:32 PM	5:32 AM	10:11 PM	6:11 AM
Philadelphia	AHD145	10:44 PM	3:44 AM	11:30 PM	4:30 AM	12:09 AM	5:09 AM
	AHD245	9:44 PM	3:44 AM	10:30 PM	4:30 AM	11:09 PM	5:09 AM
	AHD255	9:44 PM	4:44 AM	10:30 PM	5:30 AM	11:09 PM	6:09 AM
	AHD355	8:44 PM	4:44 AM	9:30 PM	5:30 AM	10:09 PM	6:09 AM
Phoenix	AHD145	11:11 PM	4:11 AM	11:28 PM	4:28 AM	11:37 PM	4:37 AM
	AHD245	10:11 PM	4:11 AM	10:28 PM	4:28 AM	10:37 PM	4:37 AM
	AHD255	10:11 PM	5:11 AM	10:28 PM	5:28 AM	10:37 PM	5:37 AM
	AHD355	9:11 PM	5:11 AM	9:28 PM	5:28 AM	9:37 PM	5:37 AM
Pittsburgh	AHD145	11:03 PM	4:03 AM	11:50 PM	4:50 AM	12:29 AM	5:29 AM
	AHD245	10:03 PM	4:03 AM	10:50 PM	4:50 AM	11:29 PM	5:29 AM
	AHD255	10:03 PM	5:03 AM	10:50 PM	5:50 AM	11:29 PM	6:29 AM
	AHD355	9:03 PM	5:03 AM	9:50 PM	5:50 AM	10:29 PM	6:29 AM

City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
Portland	AHD145	10:54 PM	3:54 AM	11:40 PM	4:40 AM	12:19 AM	5:19 AM
	AHD245	9:54 PM	3:54 AM	10:40 PM	4:40 AM	11:19 PM	5:19 AM
	AHD255	9:54 PM	4:54 AM	10:40 PM	5:40 AM	11:19 PM	6:19 AM
	AHD355	8:54 PM	4:54 AM	9:40 PM	5:40 AM	10:19 PM	6:19 AM
Quebec	AHD145	10:29 PM	3:29 AM	11:15 PM	4:15 AM	11:53 PM	4:53 AM
	AHD245	9:29 PM	3:29 AM	10:15 PM	4:15 AM	10:53 PM	4:53 AM
	AHD255	9:29 PM	4:29 AM	10:15 PM	5:15 AM	10:53 PM	5:53 AM
	AHD355	8:29 PM	4:29 AM	9:15 PM	5:15 AM	9:53 PM	5:53 AM
Raleigh	AHD145	10:58 PM	3:58 AM	11:44 PM	4:44 AM	12:23 AM	5:23 AM
	AHD245	9:58 PM	3:58 AM	10:44 PM	4:44 AM	11:23 PM	5:23 AM
	AHD255	9:58 PM	4:58 AM	10:44 PM	5:44 AM	11:23 PM	6:23 AM
	AHD355	8:58 PM	4:58 AM	9:44 PM	5:44 AM	10:23 PM	6:23 AM
Regina	AHD145	11:42 PM	4:42 AM	11:58 PM	4:58 AM	12:07 AM	5:07 AM
	AHD245	10:42 PM	4:42 AM	10:58 PM	4:58 AM	11:07 PM	5:07 AM
	AHD255	10:42 PM	5:42 AM	10:58 PM	5:58 AM	11:07 PM	6:07 AM
	AHD355	9:42 PM	5:42 AM	9:58 PM	5:58 AM	10:07 PM	6:07 AM
Reno	AHD145	10:43 PM	3:43 AM	11:29 PM	4:29 AM	12:08 AM	5:08 AM
	AHD245	9:43 PM	3:43 AM	10:29 PM	4:29 AM	11:08 PM	5:08 AM
	AHD255	9:43 PM	4:43 AM	10:29 PM	5:29 AM	11:08 PM	6:08 AM
	AHD355	8:43 PM	4:43 AM	9:29 PM	5:29 AM	10:08 PM	6:08 AM
Richmond	AHD145	10:53 PM	3:53 AM	11:39 PM	4:39 AM	12:18 AM	5:18 AM
	AHD245	9:53 PM	3:53 AM	10:39 PM	4:39 AM	11:18 PM	5:18 AM
	AHD255	9:53 PM	4:53 AM	10:39 PM	5:39 AM	11:18 PM	6:18 AM
	AHD355	8:53 PM	4:53 AM	9:39 PM	5:39 AM	10:18 PM	6:18 AM
Sacramento	AHD145	10:49 PM	3:49 AM	11:35 PM	4:35 AM	12:14 AM	5:14 AM
	AHD245	9:49 PM	3:49 AM	10:35 PM	4:35 AM	11:14 PM	5:14 AM
	AHD255	9:49 PM	4:49 AM	10:35 PM	5:35 AM	11:14 PM	6:14 AM
	AHD355	8:49 PM	4:49 AM	9:35 PM	5:35 AM	10:14 PM	6:14 AM
Salt Lake City	AHD145	11:11 PM	4:11 AM	11:57 PM	4:57 AM	12:36 AM	5:36 AM
	AHD245	10:11 PM	4:11 AM	10:57 PM	4:57 AM	11:36 PM	5:36 AM
	AHD255	10:11 PM	5:11 AM	10:57 PM	5:57 AM	11:36 PM	6:36 AM
	AHD355	9:11 PM	5:11 AM	9:57 PM	5:57 AM	10:36 PM	6:36 AM
San Antonio	AHD145	11:17 PM	4:17 AM	12:04 AM	5:04 AM	12:43 AM	5:43 AM
	AHD245	10:17 PM	4:17 AM	11:04 PM	5:04 AM	11:43 PM	5:43 AM
	AHD255	10:17 PM	5:17 AM	11:04 PM	6:04 AM	11:43 PM	6:43 AM
	AHD355	9:17 PM	5:17 AM	10:04 PM	6:04 AM	10:43 PM	6:43 AM
San Diego	AHD145	10:33 PM	3:33 AM	11:19 PM	4:19 AM	11:57 PM	4:57 AM
	AHD245	9:33 PM	3:33 AM	10:19 PM	4:19 AM	10:57 PM	4:57 AM
	AHD255	9:33 PM	4:33 AM	10:19 PM	5:19 AM	10:57 PM	5:57 AM
	AHD355	8:33 PM	4:33 AM	9:19 PM	5:19 AM	9:57 PM	5:57 AM
San Francisco	AHD145	10:53 PM	3:53 AM	11:39 PM	4:39 AM	12:18 AM	5:18 AM
	AHD245	9:53 PM	3:53 AM	10:39 PM	4:39 AM	11:18 PM	5:18 AM
	AHD255	9:53 PM	4:53 AM	10:39 PM	5:39 AM	11:18 PM	6:18 AM
	AHD355	8:53 PM	4:53 AM	9:39 PM	5:39 AM	10:18 PM	6:18 AM

After Hours Dim

Supplemental guide

City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
San Juan	AHD145	11:07 PM	4:07 AM	11:24 PM	4:24 AM	11:38 PM	4:38 AM
	AHD245	10:07 PM	4:07 AM	10:24 PM	4:24 AM	10:38 PM	4:38 AM
	AHD255	10:07 PM	5:07 AM	10:24 PM	5:24 AM	10:38 PM	5:38 AM
	AHD355	9:07 PM	5:07 AM	9:24 PM	5:24 AM	9:38 PM	5:38 AM
Seattle	AHD145	10:53 PM	3:53 AM	11:39 PM	4:39 AM	12:18 AM	5:18 AM
	AHD245	9:53 PM	3:53 AM	10:39 PM	4:39 AM	11:18 PM	5:18 AM
	AHD255	9:53 PM	4:53 AM	10:39 PM	5:39 AM	11:18 PM	6:18 AM
	AHD355	8:53 PM	4:53 AM	9:39 PM	5:39 AM	10:18 PM	6:18 AM
Sioux Falls	AHD145	11:10 PM	4:10 AM	11:56 PM	4:56 AM	12:35 AM	5:35 AM
	AHD245	10:10 PM	4:10 AM	10:56 PM	4:56 AM	11:35 PM	5:35 AM
	AHD255	10:10 PM	5:10 AM	10:56 PM	5:56 AM	11:35 PM	6:35 AM
	AHD355	9:10 PM	5:10 AM	9:56 PM	5:56 AM	10:35 PM	6:35 AM
St. John's	AHD145	11:01 PM	4:01 AM	11:39 PM	4:39 AM	12:09 AM	5:09 AM
	AHD245	10:01 PM	4:01 AM	10:39 PM	4:39 AM	11:09 PM	5:09 AM
	AHD255	10:01 PM	5:01 AM	10:39 PM	5:39 AM	11:09 PM	6:09 AM
	AHD355	9:01 PM	5:01 AM	9:39 PM	5:39 AM	10:09 PM	6:09 AM
St. Louis	AHD145	10:44 PM	3:44 AM	11:30 PM	4:30 AM	12:09 AM	5:09 AM
	AHD245	9:44 PM	3:44 AM	10:30 PM	4:30 AM	11:09 PM	5:09 AM
	AHD255	9:44 PM	4:44 AM	10:30 PM	5:30 AM	11:09 PM	6:09 AM
	AHD355	8:44 PM	4:44 AM	9:30 PM	5:30 AM	10:09 PM	6:09 AM
Sudbury	AHD145	11:08 PM	4:08 AM	11:54 PM	4:54 AM	12:33 AM	5:33 AM
	AHD245	10:08 PM	4:08 AM	10:54 PM	4:54 AM	11:33 PM	5:33 AM
	AHD255	10:08 PM	5:08 AM	10:54 PM	5:54 AM	11:33 PM	6:33 AM
	AHD355	9:08 PM	5:08 AM	9:54 PM	5:54 AM	10:33 PM	6:33 AM
Syracuse	AHD145	10:48 PM	3:48 AM	11:34 PM	4:34 AM	12:13 AM	5:13 AM
	AHD245	9:48 PM	3:48 AM	10:34 PM	4:34 AM	11:13 PM	5:13 AM
	AHD255	9:48 PM	4:48 AM	10:34 PM	5:34 AM	11:13 PM	6:13 AM
	AHD355	8:48 PM	4:48 AM	9:34 PM	5:34 AM	10:13 PM	6:13 AM
Tampa	AHD145	11:13 PM	4:13 AM	11:59 PM	4:59 AM	12:38 AM	5:38 AM
	AHD245	10:13 PM	4:13 AM	10:59 PM	4:59 AM	11:38 PM	5:38 AM
	AHD255	10:13 PM	5:13 AM	10:59 PM	5:59 AM	11:38 PM	6:38 AM
	AHD355	9:13 PM	5:13 AM	9:59 PM	5:59 AM	10:38 PM	6:38 AM

City	Dimming Profile	Approximate Dimming Time Frame					
		Earliest Dim Period		Average Dim Period		Latest Dim Period	
Thunder Bay	AHD145	11:40 PM	4:40 AM	12:27 AM	5:27 AM	1:06 AM	6:06 AM
	AHD245	10:40 PM	4:40 AM	11:27 PM	5:27 AM	12:06 AM	6:06 AM
	AHD255	10:40 PM	5:40 AM	11:27 PM	6:27 AM	12:06 AM	7:06 AM
	AHD355	9:40 PM	5:40 AM	10:27 PM	6:27 AM	11:06 PM	7:06 AM
Toronto	AHD145	11:01 PM	4:01 AM	11:47 PM	4:47 AM	12:26 AM	5:26 AM
	AHD245	10:01 PM	4:01 AM	10:47 PM	4:47 AM	11:26 PM	5:26 AM
	AHD255	10:01 PM	5:01 AM	10:47 PM	5:47 AM	11:26 PM	6:26 AM
	AHD355	9:01 PM	5:01 AM	9:47 PM	5:47 AM	10:26 PM	6:26 AM
Tucson	AHD145	11:07 PM	4:07 AM	11:23 PM	4:23 AM	11:32 PM	4:32 AM
	AHD245	10:07 PM	4:07 AM	10:23 PM	4:23 AM	10:32 PM	4:32 AM
	AHD255	10:07 PM	5:07 AM	10:23 PM	5:23 AM	10:32 PM	5:32 AM
	AHD355	9:07 PM	5:07 AM	9:23 PM	5:23 AM	9:32 PM	5:32 AM
Vancouver	AHD145	10:55 PM	3:55 AM	11:42 PM	4:42 AM	12:21 AM	5:21 AM
	AHD245	9:55 PM	3:55 AM	10:42 PM	4:42 AM	11:21 PM	5:21 AM
	AHD255	9:55 PM	4:55 AM	10:42 PM	5:42 AM	11:21 PM	6:21 AM
	AHD355	8:55 PM	4:55 AM	9:42 PM	5:42 AM	10:21 PM	6:21 AM
Vicksburg	AHD145	10:46 PM	3:46 AM	11:33 PM	4:33 AM	12:12 AM	5:12 AM
	AHD245	9:46 PM	3:46 AM	10:33 PM	4:33 AM	11:12 PM	5:12 AM
	AHD255	9:46 PM	4:46 AM	10:33 PM	5:33 AM	11:12 PM	6:12 AM
	AHD355	8:46 PM	4:46 AM	9:33 PM	5:33 AM	10:12 PM	6:12 AM
Washington DC	AHD145	10:51 PM	3:51 AM	11:38 PM	4:38 AM	12:17 AM	5:17 AM
	AHD245	9:51 PM	3:51 AM	10:38 PM	4:38 AM	11:17 PM	5:17 AM
	AHD255	9:51 PM	4:51 AM	10:38 PM	5:38 AM	11:17 PM	6:17 AM
	AHD355	8:51 PM	4:51 AM	9:38 PM	5:38 AM	10:17 PM	6:17 AM
Wichita	AHD145	11:13 PM	4:13 AM	11:59 PM	4:59 AM	12:38 AM	5:38 AM
	AHD245	10:13 PM	4:13 AM	10:59 PM	4:59 AM	11:38 PM	5:38 AM
	AHD255	10:13 PM	5:13 AM	10:59 PM	5:59 AM	11:38 PM	6:38 AM
	AHD355	9:13 PM	5:13 AM	9:59 PM	5:59 AM	10:38 PM	6:38 AM
Winnipeg	AHD145	11:12 PM	4:12 AM	11:58 PM	4:58 AM	12:37 AM	5:37 AM
	AHD245	10:12 PM	4:12 AM	10:58 PM	4:58 AM	11:37 PM	5:37 AM
	AHD255	10:12 PM	5:12 AM	10:58 PM	5:58 AM	11:37 PM	6:37 AM
	AHD355	9:12 PM	5:12 AM	9:58 PM	5:58 AM	10:37 PM	6:37 AM

After Hours Dim

Supplemental guide

AHD Product Availability

Series	Brand	Category
ABB Arbor Bollard	Invue	Bollard & Pathway
ABW Arbor Wall Sconce	Invue	Decorative/Wall Mount
AXC Axcent Floodlight	Lumark	Floodlights
AXC Axcent Wall	Lumark	Wall Mount
Axcent Area & Site	Lumark	Area & Site
CCW ClearCurve Wall	Invue	Wall Mount
ECM/EMM Epic Medium	Invue	Area & Site/Wall Mount/ Decorative Luminaire
ENC Entri Round	Invue	Area & Site/Wall Mount/ Decorative Luminaire
ENC Entri Round	Invue	Decorative/Wall Mount
ENT Entri Triangle	Invue	Decorative/Wall Mount
ENV Entri Round	Invue	Decorative/Wall Mount
GAA Galleonaire	Streetworks	Area & Site Luminaire
GALN Galleon II	McGraw-Edison	Area & Site Luminaire
GAN Galleon Area & Site	Streetworks	Area & Site Luminaire
GAP Galleon Pedestrian	Streetworks	Area & Site Luminaire
GAT Generation Series Avenue	McGraw-Edison	Decorative Post Top
GAW Galleon Wall	Streetworks	Wall Mount
GFLD Galleon II Floodlight	McGraw-Edison	Area & Site / Flood Luminaire
GLAN Galleon II	Streetworks	Area & Site Luminaire
GLEON Galleon Flood	McGraw-Edison	Area & Site / Flood/Wall Luminaire
GLEON Galleon Area & Site	McGraw-Edison	Area & Site /Wall Luminaire
GLNA Galleonaire	McGraw-Edison	Area & Site Luminaire
GPC Galleon Pedestrian	McGraw-Edison	Area & Site Luminaire
GWC Galleon Wall	McGraw-Edison	Wall Mount
ICS/ICM ICON	Invue	Area & Site/Wall Mount/ Decorative Luminaire
ISC Impact Elite Cylinder	McGraw-Edison	Wall Mount
ISS Impact Elite Quarter Sphere	McGraw-Edison	Wall Mount
IST Impact Elite Trapezoid	McGraw-Edison	Wall Mount
ISW Impact Elite Wedge	McGraw-Edison	Wall Mount
LXS LuxeScape Arm Mount	Invue	Area & Site Luminaire
MPB Breckenridge	Streetworks	Decorative
MPN New Haven	Streetworks	Decorative
MPW Woodbridge	Streetworks	Decorative
NAV Navion	Lumark	Area & Site Luminaire /Roadway
NVN Navion	Streetworks	Area & Site Luminaire /Roadway
VFS Vision Flood Small	Invue	Accent flood/ Flood
VWM Vision Wall Mount	Invue	Decorative/Wall Mount
VXS/VXM Vision Site	Invue	Area & Site/Wall Mount/ Decorative Luminaire



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Printed in USA
Publication No. SB525024EN
February 6, 2023

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Product availability, specifications, and compliances are subject to change without notice.