



Emco

LED Area Luminaire

Featuring Automatic Profile Dimming and Motion Response



PHILIPS

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Saving for today, investing in tomorrow...

When compared to most HID systems, LED Luminaires already save a great deal of energy.

But why stop there? The LED Area Luminaire can be specified in a number of configurations that can save up to 50% more than using the LED source alone.

Automatic Profile Dimming

Automatic Profile Dimming provides guaranteed savings by reducing power and light output by 50% during periods of low traffic. By calculating the night-time midpoint, power is reduced by 50% during the two hours prior to and the six hours after. This results in additional energy savings of 33% on average.

Motion Response

Motion Response provides light only when it's needed, reducing power by 50% when the site is not in use. Once motion is detected, the luminaire switches to full light output until no motion is detected for a 15 minute period. The duration and sensitivity of the motion sensor are field adjustable.

Automatic Profile Dimming with Motion Response Override

Automatic Profile Dimming with Motion Response Override provides the benefits of both configurations. As with the APD version, power and light output are reduced by 50% during the two hours prior and the six hours after the midpoint. However, if motion is detected during this time, the luminaire increases light output and power to 100% until no motion is detected for a 15 minute period. This provides the savings of automatic profile dimming with the assurance that motion response will provide the required light levels should someone be on the site during a normally low traffic period.



DynaDimmer

The LED Area Luminaire is available in several configurations that utilize the Philips DynaDimmer module.



Integral Motion Response

Luminaires are available with an integral motion sensor, covering (1) mounting height at 360°. This is recommended for mounting heights up to 20'.



Pole Mounted Sensor

For greater coverage, the sensor can be pole mounted, covering a 270° area, up to 120' forward.



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