

FINELITE

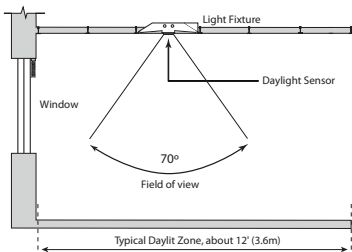
HPR Integrated Sensor/Daylight



DESCRIPTION

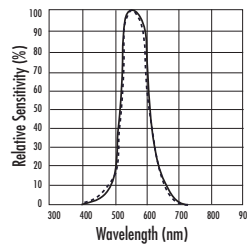
HPR's Integrated Daylight Sensor is integrated in the luminaire's Center Optic in a clean and seamless manner. Easy to specify and commission, this solution simplifies installation, maximizes user satisfaction, and saves energy. The Daylight Sensor integrates with standard 0-10 VDC dimming ballasts to provide for continuous dimming of HPR luminaires within a designated controlled zone.

HPR's Integrated Daylight Sensor is a closed loop system. It will measure the total light level from the daylight and electric light in the controlled area. HPR units equipped with a Daylight Sensor should be located in areas where the sensor will see diffuse surfaces and sections of the space that will represent the desired lighting conditions in the controlled zone.



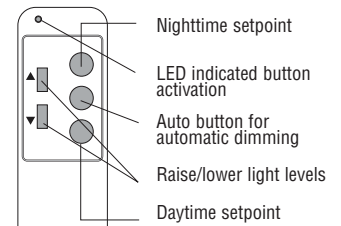
SENSOR SPACIAL RESPONSE:

Peak sensitivity of the Daylight Sensor occurs within a 70° field of view. Locate the HPR luminaire equipped with the Daylight Sensor where the field of view will represent desired lighting conditions.



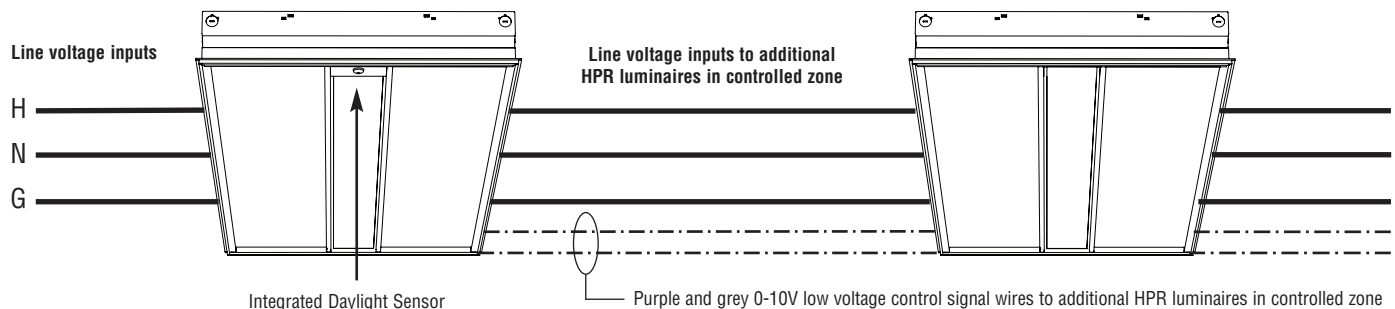
SENSOR SPECTRAL RESPONSE:

The spectral response of the Daylight Sensor closely matches the sensitivity of the human eye. This feature ensures accurate calibration for the desired perceived illumination.



HANDHELD COMMISSIONING DEVICE:

Setting levels is easy with the Handheld Commissioning Device. Set-up is performed from ground level without tools. The Daylight Sensor then automatically calculates the required electric light output as daylight conditions vary. Specify HPR-HCD if more than one Handheld Commissioning Device is needed per project.



WIRING DIAGRAM

Including the ballasts installed in the HPR luminaire that are equipped with the Daylight Sensor, up to (50) fifty 0-10 VDC dimming ballasts may be wired together as a single controlled zone. Contact factory for available 0-10 VDC dimming ballasts.