QUAD WIDE

PENDANT DIRECT

LUMENWERX
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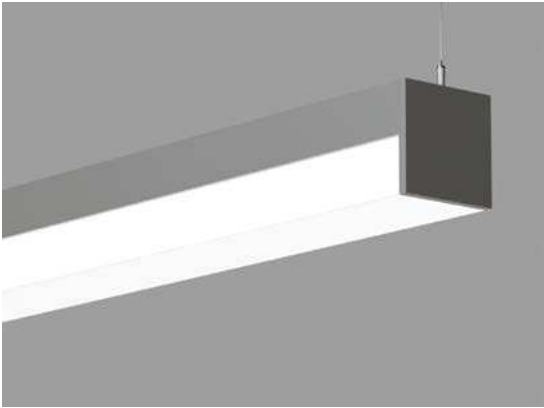

Quad wide HLO optics

DESCRIPTION

Quad is the simply designed and crisply executed linear luminaire for circulation, general, and utility applications. The High-efficiency Lambertian Optic provides excellent luminous efficacy and uniform luminosity across the diffuser. Quad is available in either a wide 3.5" or narrow 2.5" profile, along with surface and wall models, and can be installed in continuous runs. Not with standing the compact form, a full range of electrical and integrated control options is available.

ORDER GUIDE

QUAWP	HLO			
LUMINAIRE ID	**OPTICS**	**LIGHT SOURCE**	**NUMBER OF LAMPS**	**LUMINAIRE LENGTH**
QUAWP - quad wide pendant	**HLO** - High-Efficiency Lambertian Optic	**T5** - T5 lamp **T5HO** - T5HO lamp	**1** - 1 lamp **2** - 2 lamps	Standard sections - 4' 8' & 12' For all other specify length **#FT** - nominal length in feet Continuous Run - for luminaires over 8'

VOLTAGE	**BALLAST**	**ELECTRICAL**	**MOUNTING**	**FINISH**
120 - 120V **277** - 277V **UNV** - 120V-277V **347** - 347V	**IN** - instant start **RS** - rapid start **D** - dimming 0-10V **ST** - step dimming **DA** - dali **LHL** - Lutron Hi-Lume 3D	**1** - 1 circuit **2** - 2 circuits **+#EB** - emergency battery pack (for min 4' fixture) **+#EM** - emergency light circuit **+#NL** - night light circuit **+GTD** - generator transfer device	**53WAC36** - power 5" + non power 3" white canopy (36" air craft cable) **55WSW18** - power 5" + non power 5" white canopy & stem (18" stem) For all other mountings refer to the Pendant Mounting Guide.	**W** - matte white **AL** - aluminum **CF#** - custom finish specify RAL#

See page 2 for ordering code detailed information

CONTROLS	**OPTIONS**
ONBOARD **OMS** - Motion Sensor & power pack **ODS** - Daylight Sensor & controller WIRELESS **EWC** - EnOcean Wireless Controller **LMC** - Lutron Motion Controller **LDC** - Daylight Controller	**FU** - fuse **TB#** - T-bar caddy clip specify grid size **TG#** - Tegular caddy clip specify grid size **ST** - Screw Slots caddy clip **CU** - custom

CROSS SECTION

1 11/16"
3 1/2"
3 1/2"
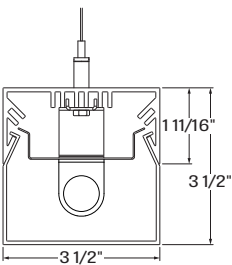
QUAWP - air craft cable - wide

OPTICS

HLO - High-efficiency Lambertian Optic

ETL Listed
Intertek

OPTICS

HIGH EFFICIENCY LAMBERTIAN OPTIC (HLO) - matte white side reflectors combined with High-Efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic with up to 88% transmission and good source obscuration. Luminaire brightness is controlled by the flux-to-shielding area ratio.

LUMINAIRE LENGTH

Quad is made up of standard 4, 8 and 12 foot sections that may be joined together to create longer continuous run lengths. Exact run length must be noted in the product code.
All individual sections are joined together onsite using the joiner kits provided. LumenWerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.
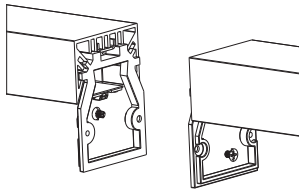
joining system Quad

ELECTRICAL

Universal input voltages with multiple control schemes offered. Consult factory for availability.

EMERGENCY

Factory installed long life high temperature recyclable Ni-Cad battery pack with test switch and charge indicator, minimum of 90 minutes operation. Recharge time of 24 hours.

MOUNTING OPTIONS

Fixtures can be pendant-mounted, using air craft cables, or stem-mounted. Unless otherwise specified, LumenWerx provides the following hardware:
For cable-mounted fixtures - 53WAC36 (5" white canopy for all power mounting point, 3" white canopy for non power mounting point, and a 36" cable)
For stem mounted fixtures - 55WSW18 (5" white canopy for all power mounting point, and non power mounting point, and a 18" white stem)
Caddy clips, if required specify under **OPTIONS**
For all other required mountings options, for all our Pendant Mounting Guide at www.lumenwerx.com

FINISH

Interior - 95%, reflective matte powder coated white paint
Exterior - matte white or silver powder coating.
Custom finishes are also available.

CONTROLS

LumenWerx offers several options for integrating motion and daylight controls into Quad luminaires. Wireless options incorporate a wireless controller/powerpack into the luminaire, which receives signals from a wireless sensor (by others) installed in the space. The advantages of the wireless option include greater flexibility of control options, sensor coverage and system integration. Onboard options incorporate both the sensor and controller/powerpack. Onboard sensors, while inherently simpler, have limitations of control and coverage.

Onboard
Onboard Motion Sensor and **power pack (OMS)** provide automatic on and automatic off control, using PIR detection. Sensor is designed to detect fine-motion when installed within 6' of occupants. **Onboard Daylight Sensor** and **controller (ODS)** provide input for 0-10V dimming drivers. Separate switched control of line input is required for on/off control.
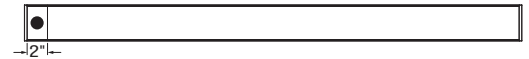
Location of an Onboard sensor

Wireless
EnOcean Wireless Controller (EWC) provides both a power pack for presence detection control and a 0-10V interface for daylight harvesting. EnOcean wireless sensors (by others) mounted in the room signal the onboard EWC. This option permits manual on/automatic off (vacancy) control.
Lutron Motion Controller (LMC) and **Daylight Controller (LDC)** provide inputs to Ecosystem drivers. Compatible Lutron wireless motion and daylight sensors (by others) mounted in the room signal onboard LPC or LDC. This option permits manual on/automatic off (vacancy) control.

CONSTRUCTION

Housing - Extruded Aluminum (0.085" nominal) up to 90% Recycled Content
Interior brackets - Die formed cold rolled sheet steel 20 gauge thick
Joining system - Die cast Aluminum (0.85" nominal)
Reflectors - Flat rolled Aluminum sheet 0.040" thick precisely die formed, 95% reflective matte white painted
End caps - Die cast Aluminum (0.85" nominal)
Hanger - Chromed Griplock securely attached with spring steel hardware in end caps and/or joiners
Air craft cable suspension - 7x7 braids Aluminum air craft cable 0.06" thick
Stem - 0.5" diameter threaded steel tube matte white or silver powder coating. Custom finishes are also available

WEIGHT

Quad wide 4ft - 9.25lbs - 4.2kg
Quad wide 8ft - 18.7lbs - 8.5kg
Quad wide 12ft - 27.9lbs - 12.7kg

ETL LISTED
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CERTIFICATIONS

ETL - Rated for Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.