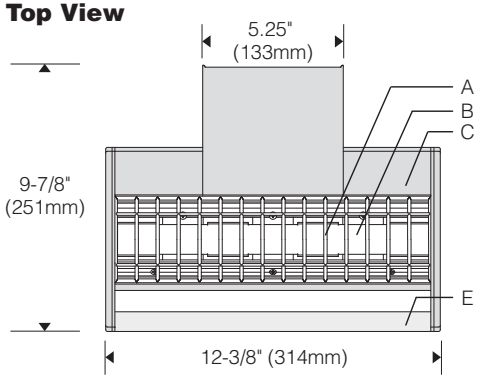
Task Ambient Compact oval with VESA mount

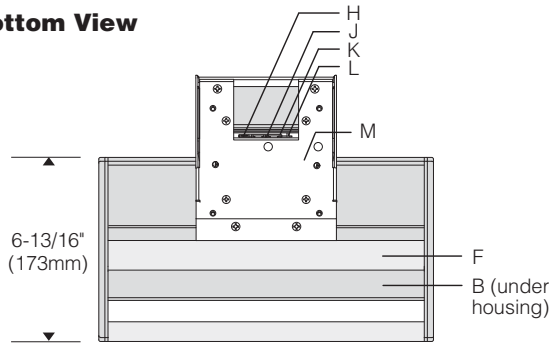
Solid State (LED)

Style L805

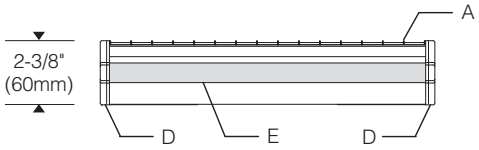
Top View



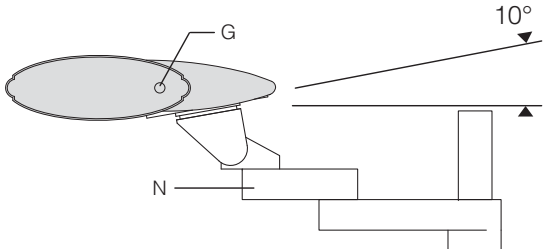
Bottom View



Front View



Side View



Specifications

A Injection molded polycarbonate louver

B Holographic diffusers

C Extruded aluminum housing

D Aluminum decorative end plates

E Extruded aluminum grab bar

F Bright anodized extruded downlight reflector

G Pushbutton switch/dimmer (both ends)

H Private/shared mode switch

J Motion sensor port

K Switch/dim port

L 24V power inlet, accepts 5.5 x 2.1mm barrel connector

M VESA mounting interface

N VDT support arm (not included)

Finish:

Painted surfaces: 6 stage pretreatment and electrostatically applied thermoset polyester powder for durable, fade and corrosion resistant finish. Uplight louver: semi-specular vacuum metalized finish with clear polymer topcoat. Downlight reflector: extruded high purity aluminum, clear anodized specular finish.

Optical Assembly:

Extruded aluminum heat sinks; light engines with holographic diffusers may be removed for service or upgrade. Indirect downlight system delivers sharp cut-off forward throw distribution to maximize task coverage and visual comfort.

Mounting:

Universal VESA mounting interface for monitor arm mounting plates with 75mm and 100mm hole patterns. Four (4) M4 x 8mm mounting screws provided. Set mounting plate at 10 degrees above horizontal for level installation. Contact factory for use on monitor arms with limited range tilt adjustment.

Weight of luminaire – 6 lbs. (2.7kg).

Electrical:

Power inlet for 24V 5.5 x 2.1mm barrel connector. Detachable 30-watt 120VAC/24VDC high power factor plug-in power supply included.

Control:

Integral solid state control circuit with mode switch for private and shared office applications. Private mode personal controls: end plate pushbuttons switch and dim uplight and downlight. Shared mode personal controls: end plate pushbuttons switch and dim downlight only. Switch/dim port for 24V remote switching and 0-10V remote dimming of uplight. Dimming range 100%-5%. Auto-off control of downlight in shared mode via under-desk occupancy sensor accessory. Sensor provides auto-off control of downlight and uplight in private mode. Integral standby timer provides 30 second auto-on period after vacancy time-out.

Standard:

UL listed or CSA certified for U.S. and Canada.

Features

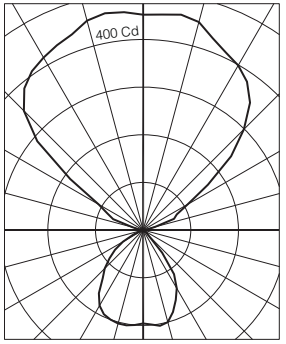
- *All-in-one task/ambient luminaire with universal VESA interface mounts to wide range of monitor arm supports*
- *Removable light engines for service and upgrade*
- *Mode switch supports shared and private office control strategies; independent control of uplight and downlight*
- *Connects to remote hub controller for wireless control by remote sensors and building automation systems*

TA 13.0

Performance

Unique uplight louver and indirect downlight system for visual comfort. Asymmetric forward-throw task light for broad coverage, and holographic diffusers to eliminate multi-shadow effects.

*For complete photometrics and lumen maintenance reports, see **thelightingquotient.com**.*



LED lighting facts LED Product Partner

INDOOR Next Generation 2014 LUMINAIRES

tambient® green in any color®

Project: _____ Type: _____

Sample number: L805-M063-V-PL-1-00-0-35-00

L	8	0	5	–	M	0	6	3	–	V	–			–	1	–			–	0	–	3	5	–	0	0
Style					Light Engine, Luminaire Output					Mount		Finish			Power Supply		Options			Destin. Req.		Color Temp.				Control	

Style

L805 Compact solid state (LED) task/ambient luminaire with oval profile, integral grab bar, and universal VESA mounting interface

Light Engine and Luminaire Output

M063 63 mid-power Class 5630 emitters, 42 emitters up, 21 emitters down

Input: 30W maximum total, including power supply.

Output: Private Mode 1072 lm (up), 396 lm (down)
Shared Mode 858 lm (up), 396 lm (down)

Mounting

V VESA MIS-D interface (75x75mm and 100x100mm)

Finish

02 Eggshell white
08 Semigloss black
PL Semigloss platinum
XX Custom color match

TA 13.1

Power Supply

1 High-power factor 30W 120VAC/24VDC plug-in power supply with 36" SPT-2 power cord and NEMA 1-15P plug head. Includes detachable 72" 24-volt luminaire power cable with 5.5 x 2.1mm barrel connector.

Options

00 No options
XX Custom modification (specify)

Destination Requirement

0 UL listed or CSA certified for U.S. and Canada

Color Temperature

35 3500K, 85+ CRI

Control

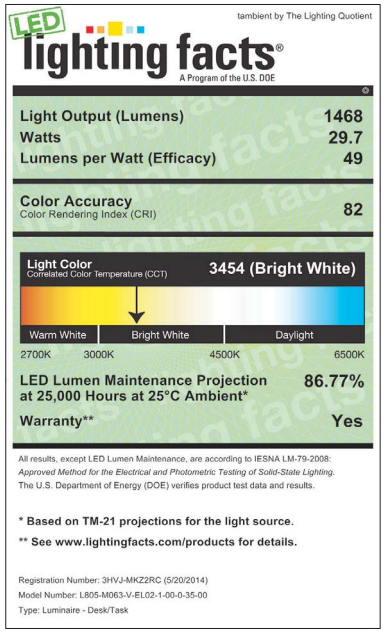
00 **Standard configuration**, includes:

Dimming range 100%-5% via pushbuttons and optional wireless CCH control hub.

Switch/dim port for 0-10V analog dimming override of uplight for daylight response, task tuning, and remote demand response via CCH wireless control hub (ordered separately). CCH also allows remote on/off control of luminaires plugged into unswitched power outlets. Manual "ON" override via pushbuttons activates one-hour auto-off timer when fixture is in "OFF" mode. 10 second fade to "OFF" alerts user if additional time is needed.

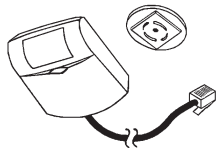
Occupancy sensor port for use with CMS-RJ remote workstation motion sensor (ordered separately). Controls task light only in shared mode. Controls both task and ambient lights in private mode. Auto-off settings from 30 seconds to 30 minutes.

Independent end-of-life timers for task and ambient lights signal recommended light engine replacement after 50,000 hours of use.



Accessories

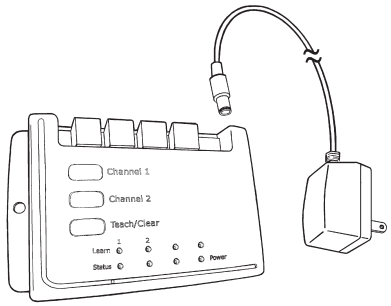
Workstation Motion Sensor: CMS-RJ-00



24V PIR motion sensor. Mount to underside of work surface with double-sided tape or screw (provided). Includes 9 ft. RJ11 interconnect cable. Cable extensions may be added, up to 100 ft. total maximum.

Wireless Control Hub: CCH-EN-02

Receives wireless input from one CLS photo sensor and one or more CMS motion sensors and CWS wall switch/dimmers. Also receives central commands via 902MHz EnOcean wireless gateways. Order sensors, switches and gateways separately. Connect up to 12 Style L805 luminaires via RJ11 interconnect cables and splitters. Order cables and splitters separately. See data sheet CO5 for product details.

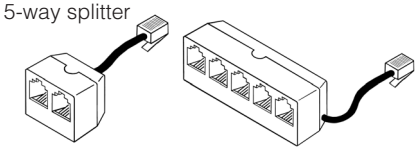


RJ11 Interconnect Cables

RJ11-10-BK = 10 ft. RJ11 cable, black
RJ11-20-BK = 20 ft. RJ11 cable, black
RJ11-30-BK = 30 ft. RJ11 cable, black

RJ11 Splitters

RJ11-SP2 = RJ11 2-way splitter
RJ11-SP5 = RJ11 5-way splitter



Compatible controls and sensors. See controls data sheets for additional control accessories and systems from The Lighting Quotient.

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