LCAT

LED Contemporary Architectural Troffer

RECESSED ARCHITECTURAL

createchange

FEATURES

- High efficiency acrylic center lens features linear prisms for high performance without pixelation
- Appropriate for offices, schools, medical, and public spaces
- High performance reflector with matte white paint standard
- 60,000 hour LEDs at L80 (up to 150,000 projected life) for reduced maintenance
- 83 CRI standard or optional 90 CRI for color sensitive applications
- HE lumen packages available
- LED modules and electrical accessible from below
- QR code traceability
- Compatible with Dual-Lite inverters
- Air return option
- Optional SpectraSync™ offers three modes of tunable white solutions and integrates seamlessly into a variety of control systems
- NX Distributed Intelligence™ provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations - see www.designlights.org
- Five year warranty (Terms and Conditions apply)

ORDERING INFORMATION

LCAT [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] [ ] - [ ] [ ] - [ ] [ ]

MODEL

LCAT	LED Contemporary Architectural Troffer

CRI

Blank	>80
9	>90[1]

SIZE

12	1' x 2'
14	1' x 4'
22	2' x 2'
24	2' x 4'

COLOR TEMP

30	3000K
35	3500K
40	4000K
50	5000K
2750T	2700K-5000K SpectraSync™ Tunable White[2]
2765T	2700K-6500K SpectraSync™ Tunable White[2]

CEILING TYPE

G	Grid Lay-in[3]
SM	Surface Mount[4,19]
CM	Cable/ Suspended Mount[4,5]

SHIELDING

Blank	Curve
R	Rectangular

AIR FUNCTION

Blank	Static
A	Air Return Side Slots

DRIVER

E	Fixed Output[17]
ED	0-10V Dimming
ED1	0-10V 1% Dimming
EDD	0-10V Dim-to-Dark[17]
ESD	Step Dimming[6,8,17]
LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology[6,8,17]
LUT5	5-Series EcoSystem LED driver[6,8,17]
DALIP	DALI P driver[14,15]

VOLTAGE

U	120V-277V
347	347V[18]

OPTIONS

ELL14	Emergency Battery Pack, 1400 Lumens[7,8]
C388	3-Wire Flex[20]
C488	4-Wire Flex[20]
C588	5-Wire Flex[20]
GLR	Fast Blow Fuse
EOR	End of Row (SM and CM only. Provides end wiring access for continuous row mounting.)[4]
INT	Intermediate (SM and CM only. Provides end wiring access for continuous row mounting.)[4]
CP	Chicago Plenum

CONTROL OPTIONS

NXS	NX, PIR Occupancy Sensor, Dimming Daylight Harvesting[16,17,18]
NXSW	NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting[16,17,18,19]
NXWE	NX Wireless Enabled[16,17,18,19]
NXE	NX Enabled, Dual SmartPorts[16,17,18]
NXES	NX Enabled, PIR Occupancy Sensor, Dimming Daylight Harvesting[16,17,18]
ODP	Occupancy and Daylight Sensors, Philips SNS102[8,9,16]
ODPG	ODPG Occupancy and Daylight Sensors w/ Grouping, Philips SNS200[8,9,16]
ZRE	ControlScope® compatible[10,16]
LV	Lutron Vive Attached FCJS POWPAK Fixture Control (RF only)[11,12,13,16]
LVS	Lutron Vive Wireless DFCSJ-OEM-OCC In-Fixture Control with Daylight and Occupancy Sensing[12,14]
LVR	Lutron Vive Wireless DFCSJ-OEM-RF In-Fixture Control (RF only)[12,14]

LUMEN OUTPUT

XW	Extra Low Watt
XWHE	Extra Low Watt High Efficacy
VW	Very Low Watt
VWHE	Very Low Watt High Efficacy
MW	Medium Low Watt
MWHE	Medium Low Watt High Efficacy
LW	Low Watt
ML	Medium Lumen
MLHE	Medium Lumen High Efficacy
HL	High Lumen
HLHE	High Lumen High Efficacy
VL	Very High Lumen[21]
VLHE	Very High Lumen High Efficacy
XL	Extra High Lumen

See Product Availability Table below.

ACCESSORIES (ORDER SEPARATELY)

FK12	1' x 2' Single Flange Kit
FK14	1' x 4' Flange Kit
FK22	2' × 2' Flange Kit
FK24	2' × 4' Flange Kit
CM48Y2SC3F-KIT	48" Cable Mount Kit for 2' wide Cable Mount fixtures, 3-Wire
CM48Y1SC3F-KIT	48" Cable Mount Kit for 1' wide Cable Mount fixtures, 3-Wire

[1] Not available with HE lumen output.
[2] Available with ED driver and 80 CRI only, N/A with HE, VL (2x2) XL (2x4) lumen outputs.
[3] For drywall, order G with Flange Kit Accessory.
[4] Not available with Air Return (A) air function.
[5] Order hanger accessories separately.
[6] Limitations apply based on product size and lumen packages; see individual spec sheets.
[7] For compatibility with Dual-Lite LiteGear(R) inverters, contact Hubbell Lighting Representative.
[8] Not available in 347V.
[9] Only available with 0-10V Dimming (ED) Driver Option.
[10] Registered trademark of Daintree Networks, used by permission.
[11] Not available with E, ESD, LUTH or LUT5.
[12] VIVE is a trademark of Lutron Electronics Co., Inc.
[13] Installations controlled solely by the Lutron Pico controller require accessing the LV (Lutron FCJS) module for commissioning after the circuit has been energized.
[14] LVS and LVR only available with DALIP.
[15] DALIP only available with LVS and LVR Control Options.

NX In-Fixture Control Options:

[16] NX controls can only be used with NX Sensor options.
[17] NX is available with ED and ED1 drivers only.
[18] NX combined with Spectrasync is not available in 347V.
[19] NXSW and NXWE cannot be used with surface mount versions.
[20] For NX control and Flex Wire together, consult factory.
[21] NX control function not available with VL lumen output.

For questions about configuration options, contact Hubbell Representative.

PRODUCT AVAILABILITY

SIZE	LUMEN PACKAGE	NOMINAL LUMENS	NOMINAL WATTS	LUMENS PER WATT
12	VW	1519-1730	13	114-130
	MW	1744-1986	18	99-113
	LW	2676-3047	23	118-135
	ML	3331-3794	29	116-132
	HL	3584-4083	32	113-129

Nominal lumen range represents 3000K through 5000K. Lumens vary according to color temperatures and other factors.
See specific photometric test(s).

PRODUCT AVAILABILITY

SIZE	LUMEN PACKAGE	NOMINAL LUMENS	NOMINAL WATTS	LUMENS PER WATT
14	XW	2299-2478	19	119-128
	XWHE	2457-2648	19	127-136
	VW	3147-3584	28	114-130
	VWHE	3083-3511	24	128-146
	MW	3656-4164	32	113-129
	MWHE	3820-4351	31	125-142
	LW	4376-4985	36	122-138
	ML	4689-5341	38	122-139
	HL	5405-6156	44	123-140
	VL	6793-7738	58	118-135

PRODUCT AVAILABILITY

SIZE	LUMEN PACKAGE	NOMINAL LUMENS	NOMINAL WATTS	LUMENS PER WATT
22	VW	1567-1785	14	115-131
	VWHE	1530-1743	13	121-138
	MW	2049-2334	18	114-130
	MWHE	2010-2289	17	122-139
	LW	2689-3063	23	119-136
	ML	3320-3781	29	116-132
	MLHE	3392-3751	28	119-136
	HL	3599-4099	32	113-129
	HLHE	3497-3769	27	126-136
	VL	4270-4863	39	111-126
	VLHE	4257-4649	35	123-134
24	XW	2341-2524	19	123-132
	XWHE	2458-2650	19	129-139
	VW	3124-3558	28	113-129
	VWHE	3310-3770	27	123-140
	MW	3363-3831	30	111-127
	MWHE	3717-4234	31	121-138
	LW	4268-4861	36	118-135
	ML	4771-5434	39	123-140
	HL	5443-6200	44	124-141
	VL	6999-7972	59	119-135
	XL	8168-9304	74	111-126

Columbia LIGHTING