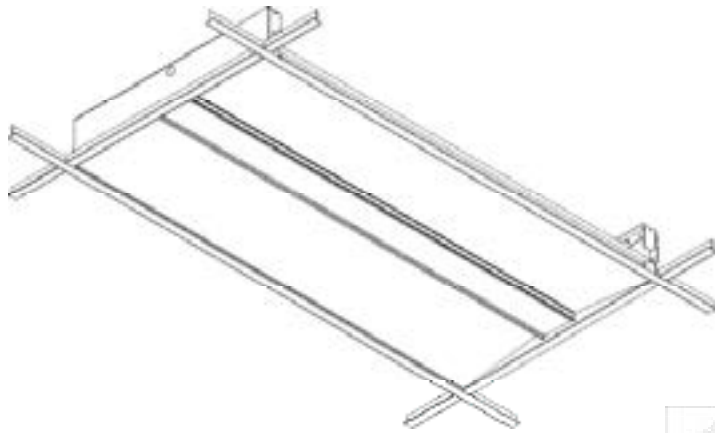




Harmony | HML 2X4 LED Luminaire



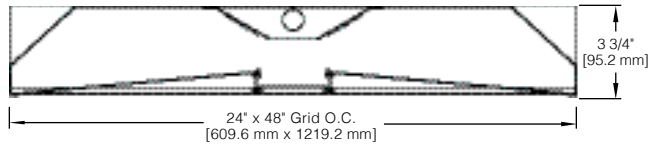
DATE		NOTES
PROJECT		
TYPE	QTY	



Recessed Direct



Integral Occupancy & Daylight Sensors Available



HOUSING: Die-formed, 20-gauge, cold rolled steel housin. Center divider rails are extruded aluminum with specular aluminum inserts.

REFLECTOR: Highly reflective, die-formed steel finished in baked white enamel is standard.

SHIELDING: LED optimized Satin Ice Acrylic.

LEDS: LED modules in 27/30/35/40 & 50K CCT, 80CRI. Lumen maintenance minimum $L_{70} = 50,000$ hours. 3 SDCM color consistency. Zhaga™ compliant (Book 7). Field replaceable.

ELECTRICAL: Pre-wired Class 2 AOC electronic driver, 120/277V input, PF > 90%, THD < 20 @ 120V. 0-10V dimming to 1%. -20C to +50C operating range.

MOUNTING: Standard installation is in an exposed inverted T-bar ceiling. Fixtures are supplied with four support brackets for additional support to T-bar.

FINISH: Baked white enamel.

CERTIFICATION: Luminaires are cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Inherently protected; suitable for insulated ceilings. Dry and damp location suitable. Union Made in the United States of America. I.B.E.W.

PERFORMANCE: DLC V4.3 Qualified luminaire; minimum 100 LPW efficacy. U.S DOE Lighting Facts® certified. Search for additional Day-O-Lite DLC qualified luminaires at www.designlights.org. Performance is U.S DOE Lighting Facts® certified.

Ordering Guide (choose from the lists below and specify options in yellow boxes)

MODEL	STYLE	DISTRIB.	SHIELDING	COLOR TEMP (CCT)	DELIVERED LUMENS	SIZE	MOUNTING	FINISH	OPTIONS ¹
HML	A	D	SI		SO	24			
HML	A = Angled Lens	D = Direct	SI = Satin Ice Acrylic	30 = 3000K..... 35 = 3500K..... 40 = 4000K.....	5900L (54W, 109LPW) 5990L (54W, 110LPW) 6070L (54W, 112LPW)	2x4	G = Grid MG = Mini Grid SG = Slot Grid F = Flanged (recessed) TRL = Trimless (recessed)	W = White CC = Custom Color AMW = Anti-Microbial White	DIM10 = 0-10V 1% Dimming ESN = Philips™ EasySense Wire-less Daylight & Occupany Sensor. OCC = Occupancy Sensor only DAY = Daylight Sensor only EPC5 = 5W Emergency Pack EMC = Emergency Circuit GTD = Generator Transfer Device LVC = Low Voltage Controller

¹See page two for all options.



LED Options

0-10V DIMMING DRIVERS

DIM10 = 0-10V (1.0%)
 DIMSR = 0-10V (5.0%) Sensor Ready²
 DIM100 = 0-10V (0.1%) Fade-to-Off
 DIMST = Step Dimming (40%/100%)
 DALI = Digital Addressable Lighting Interface

LUTRON™ DIMMING DRIVERS

LDE1 = Hi-Lume™ 1%-H EcoSystem™³
 LDE5 = 5-Series 5% EcoSystem™
 L3DAE = Hi-Lume™ 1% EcoSystem™
 L3DA3W = Hi-Lume™ 1% 3-Wire
 LTEA2W = Hi-Lume™ 1% 2-Wire FFC⁴

LUTRON™ WIRELESS MODULES

FCJECO = EcoSystem™ Wireless RF
 Fixture Module for EcoSystem™ LED drivers.
 FCJS-010 = EcoSystem™ Wireless RF
 Fixture Module for 0-10V products by others.

EMERGENCY BATTERY PACK (EPC)⁵ & WIRING OPTIONS

EPC4 = (4W) 430 Delivered Lumens
 EPC7 = (7W) 760 Delivered Lumens
 EPC10 = (10W) 1090 Delivered Lumens
 EPC12 = (12W) 1300 Delivered Lumens
 GTD = Generator Transfer Device
 EMC = Emergency Circuit

SENSOR⁶ OPTIONS

ESN = Philips™ EasySense
 DAY = Daylight Harvesting Sensor
 OCC = Occupancy Sensor

OPTIONS NOTES:

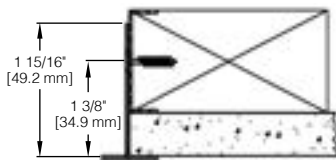
- ¹Standard 0-10V 1% with linear dimming curve. Add "LOG" to option code for 0-10V 1% logarithmic dimming curve.
- ²Philips™ Xitanium™ Sensor Ready driver for use w/integrated wireless sensors including Philips™ EasySense™, Enlighted™, EnOcean™, Digital Lumens™ and others.
- ³Hi-Lume 1%-H EcoSystem™ with Soft-On, Fade-to-Black™ dimming.
- ⁴120V two-wire forward phase control only.
- ⁵Delivered emergency lumens at 3000K CCT.
- ⁶Philips EasySense wireless daylight/occupancy sensor.

Day-O-Lite is a Lutron Advantage OEM Program Partner. Lutron drivers are backed by a 10 year warranty. For more information on Lutron™ LED drivers and controls please visit www.lutron.com.



Drywall Ceiling

Mounting Detail



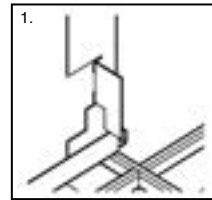
Flange Kit for drywall ceilings included with each fixture. Additional kits may be purchased separately.

FK-14 for 1x4 FK-24 for 2x4
 FK-22 for 2x2 FK-44 for 4x4

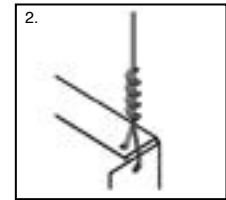
Grid Ceiling

Five-step Universal Installation Sequence.

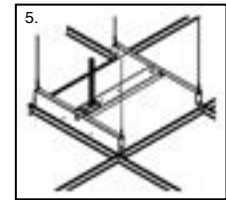
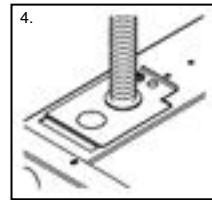
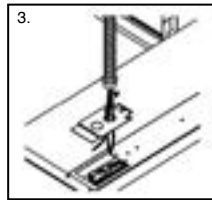
Complete Installation Instructions for grid and drywall ceiling types are available at: www.dayolite.com



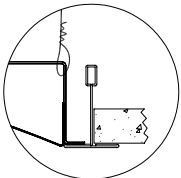
Position Fixture



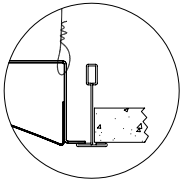
Secure Tie Wire



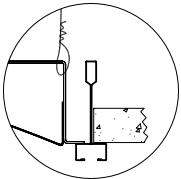
Grid Options



Mounting "G"
 15/16" Inverted "T"



Mounting "MG"
 9/16" Inverted "T"

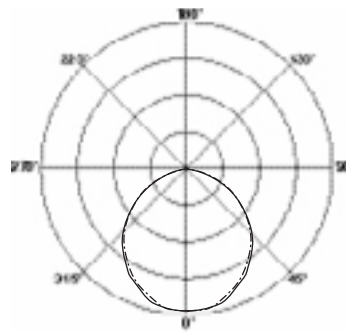


Mounting "SG"
 Bolt / Slot Grid

Photometrics

CANDELA DISTRIBUTION

Vert. Angle	0	22.5	45	67.5	90
0	0	2851	2851	2851	2851 2851
5	5	2834	2837	2835	2839 2831
10	10	2782	2791	2791	2795 2786
15	15	2706	2712	2714	2717 2708
20	20	2595	2602	2602	2602 2594
25	25	2452	2464	2455	2453 2443
30	30	2288	2296	2284	2271 2263
35	35	2097	2102	2087	2068 2054
40	40	1892	1894	1875	1849 1831
45	45	1672	1676	1652	1614 1595
50	50	1453	1450	1424	1383 1358
55	55	1230	1226	1198	1151 1128
60	60	1012	1008	975	926 900
65	65	803	796	760	706 680
70	70	603	596	553	493 473
75	75	421	412	353	315 302
80	80	256	240	193	166 157
85	85	114	89	62	47 41
90	90	0	0	0	0 0



0
 90

HML-A-D-DP-30-SO-24

CCT: 4000K
 WATTS: 53.6
 LUMENS: 6047
 EFFICACY: 112 LPW
 Optical Distribution: 100% Direct

IES files available at www.dayolite.com