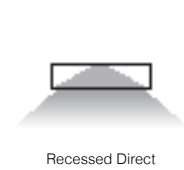
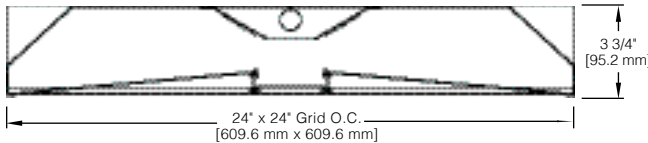




Harmony | HMLP 2X2 LED Luminaire



Integral Occupancy & Daylight Sensors Available



DATE		NOTES
PROJECT		
TYPE	QTY	

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, 80 CRI. 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
HMLP	A	D	SI		SO	22			DLCP-
HMLP	A = Angled Lens	D = Direct	SI = Satin Ice Acrylic	30 = 3000K..... 35 = 3500K..... 40 = 4000K.....	SO = 3440L (27.4W, 126LPW) SO = 3500L (27.4W, 128LPW) SO = 3560L (27.4W, 130LPW)	2x2	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 Wireless Daylight & Occupany Sensor. OCC = Occupancy Sensor only DAY = Daylight Sensor only EPC4 = 4W 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%)¹
 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) 500 Delivered Lumens
 EPC7 = (7W) 875 Delivered Lumens
 EPC10 = (10W) 1250 Delivered Lumens
 EPC12 = (12W) 1500 Delivered Lumens
 GTD = Generator Transfer Device
 EMC = Emergency Circuit

SENSOR⁶ OPTIONS

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

OPTIONS NOTES:

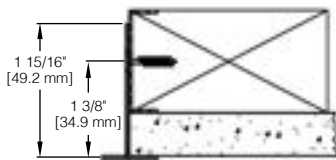
- ¹Standard 0-10V 1% with linear dimming curve. Add "LOG" to option code for 0-10V 1% logarithmic dimming curve.
- ²Philips™ Xitanium™ Sensor Ready driver for use w/integrated wireless sensors including Philips™ EasySense™, Enlighted™, EnOcean™, Digital Lumens™ and others.
- ³Hi-Lume 1%-H EcoSystem™ 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



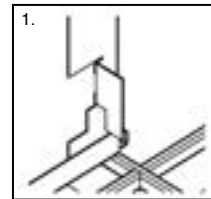
Flange Kit for drywall ceilings included with each fixture. Additional kits may be purchased separately.

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

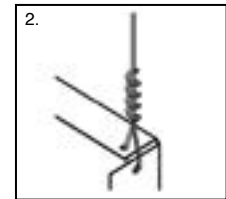
Grid Ceiling

Five-step Universal Installation Sequence.

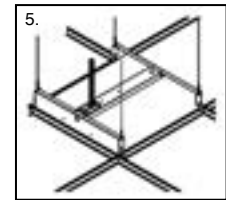
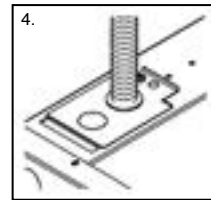
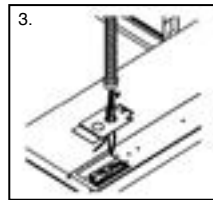
Complete Installation Instructions for grid and drywall ceiling types are available at: www.dayolite.com



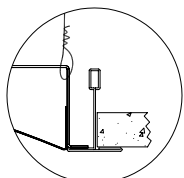
Position Fixture



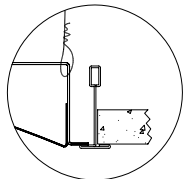
Secure Tie Wire



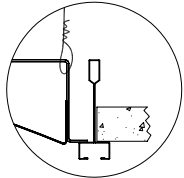
Grid Options



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



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

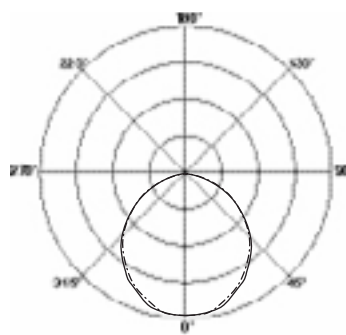


Mounting "SG"
Bolt / Slot Grid

Photometrics

CANDELA DISTRIBUTION

Vert. Angle	0	22.5	45	67.5	90
0	1422	1422	1422	1422	1422
5	1414	1418	1416	1414	1414
10	1388	1390	1393	1392	1393
15	1344	1346	1353	1352	1352
20	1282	1289	1295	1292	1294
25	1206	1214	1218	1219	1218
30	1120	1130	1127	1127	1128
35	1022	1028	1028	1026	1024
40	917	922	921	914	913
45	808	813	808	800	796
50	700	702	695	683	678
55	590	592	583	568	562
60	486	486	474	455	447
65	384	383	368	346	337
70	287	286	267	243	235
75	199	196	171	154	148
80	118	112	92	80	76
85	50	42	30	22	19
90	0	0	0	0	0



0
 --- ··· 90
 HMLP-A-D-DP-40-SO-22
 CCT: 4000K
 WATTS: 27.4
 LUMENS: 3560
 EFFICACY: 130 LPW

IES files available at www.dayolite.com