DAY-O-LITE

Skyblade Series | SKBL 2x4

Date	Notes
Project	
Type Qty	

Features

Edge-lit center light guide in an open reflector housing.

LED optimized optics for smooth, efficient illumination.

Programmable driver for custom lumen packages.

0-10V dimming to 1% standard or Dim-to-Off.

DMX, Lutron and DALI protocols also available.

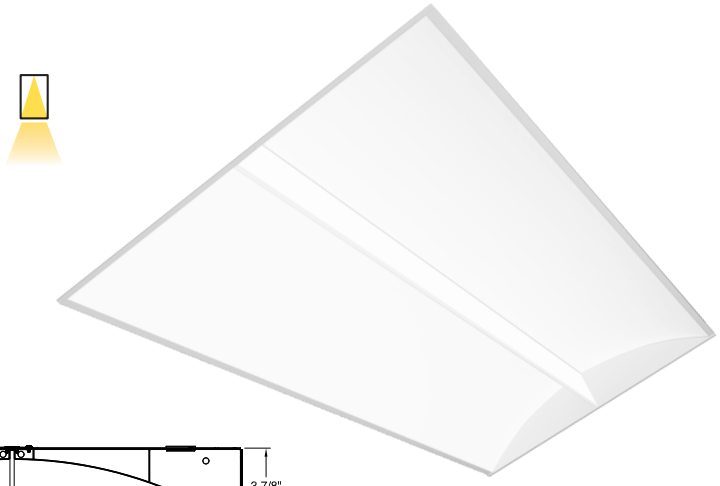
Sensor Ready for wireless Smart Lighting Solutions.

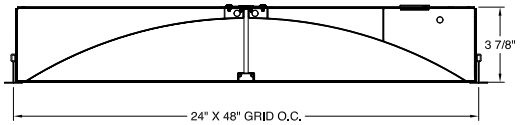
80/90CRI, Tunable White, RGBW & RGBWW.

Bios SkyBlue™ circadian solutions available.

Compatible with Armstrong® ceiling systems.

Declare Red List Approved.





Ordering Guide

Declare. BAA

MODEL	OPTICS	CCT	LUMENS[1]	SIZE	MOUNTING[2]	FINISH	OPTIONS
SKBL-D	**CA**			**24**			
SKBL-D Direct	CA = Clear Acrylic Lens	**STATIC WHITE** 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	**STANDARD** LO = 3040 (21W, 144LPW SO = 4058 (29W, 140LPW) HO = 5052 (37W, 136LPW) **CUSTOM** For custom lumens specify value < HO.	24 = 2x4	G = Grid 15/16" T-Bar MG = Mini Grid 9/16" T-Bar SG = Slot Grid SGF = Slot Grid Flush XG = Interlude XGF = Interlude Flush TGF = Tegular Flush 15/16" T-Bar XGF = Tegular Flush 9/16" T-Bar S = Surface F = Flange	W = White CC = Custom Color AMW = Anti-Microbial White	**DIMMING DRIVERS** DIM10 = 0-10V (1%) **Standard** DTO = 0-10V (Dim-to-Off) DIMST = 0-10V Step Dimming DIMSR = DALI Sensor Ready (5.0%) DALI = DALI (5.0%) DMX = DMX **LUTRON™ DIMMING DRIVERS** LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire **SENSORS & CONTROLS[3]** AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control **EMERGENCY & OTHER[4]** EMC = Emergency Circuit EPC4 = 4W Emergency Battery Pack EPC6 = 6.5W Emergency Battery Pack EPC10 = 10W Emergency Battery Pack EPC12 = 12W Emergency Battery Pack **WIRING** FWH = Flexible Wiring Harness FK24 = Flange Kit

[1]Lumens at 80CRI, 3500K, CA lens. Photometry page 2.

[2]See page 2 for all mounting options.

[3]All Sensor & Control options page 2. Sensors remote mount only.

[4]EPC6 is standard unless otherwise specified. EPC not for DMX drivers.

BAA letter of compliance available at www.dayolite.com.

LED, BIOS, Sensor & Control Ordering Codes

LED

Static White

30 = 3000K 80 CRI
35 = 3500K 80 CRI
40 = 4000K 80 CRI
50 = 5000K 80 CRI

927 = 2700K 90 CRI
930 = 3000K 90 CRI
935 = 3500K 90 CRI
940 = 4000K 90 CRI

Dim-to-Warm

DTW = 6500K-2700K 80 CRI
9DTW = 6500K-2700K 90 CRI

Sensors

AVO = Avi-On Occ/Day
AVM = Avi-On Occ (Microwave)
BNV = BubblyNet Occ/Day
ENC = Encelium Occ/Day
ENL = EnLighted Occ/Day/Temp
LEG = Legrand Occ/Day
ANW = Lutron Athena Occ/Day
VIVE = Lutron Vive Occ/Day
NLT = Acuity nLight Occ/Day
NXC = Current NX Occ/Day
ESN = Philips EasySense Occ/Day
WVL = Cooper WaveLinx Occ/Day

Sensors for remote mount only.

Sensors options to be commissioned wirelessly in the field by qualified controls personnel with applicable apps (by others).

Controls

Wireless Control

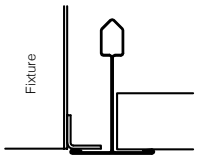
CAS = Casambi

Controls to be commissioned wirelessly in the field by qualified controls personnel with applicable apps (by others).

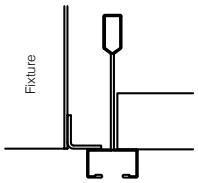
Other Options

Other sensor and wireless control options are available. Contact factory for details.

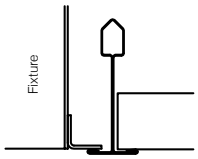
Grid Ceiling Mounting Options



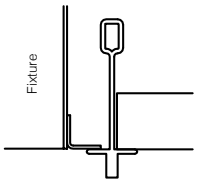
G
15/16" T-Bar



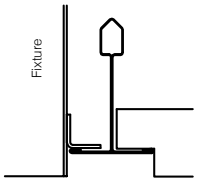
SG
Slot Grid



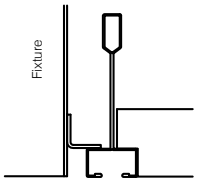
MG
9/16" T-Bar



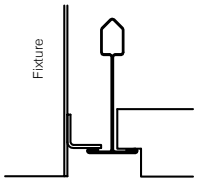
XG
Interlude



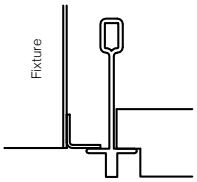
TGF
15/16" Tegular
Flush



SGF
Slot Grid
Flush

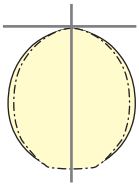


MTGF
9/16" Tegular
Flush



XGF
Interlude
Flush

Photometry



SKBL-D-CA-CA-**LO**-24
CCT: 3500K
WATTS: 21
LUMENS: 3040
LPW: 144

SKBL-D-CA-40-**SO**-24
CCT: 3500K
WATTS: 29
LUMENS: 4058
LPW: 140

SKBL-D-CA-40-**HO**-24
CCT: 3500K
WATTS: 37
LUMENS: 5052
LPW: 136

3500K @ 80CRI, CA lens.
Use the following multipliers for other CCTs: 2700K x 0.96, 3000K x 0.98, 4000K x 1.02, 5000K x 1.03. IES files @ www.dayolite.com

Specifications

CONSTRUCTION: 20 gauge CRS housing and internal components.

REFLECTOR: 20 gauge CRS finished in highly reflective baked white enamel.

OPTICS: LED optimized clear acrylic center lens.

LED: Static white LED modules in 27/30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum L_{70}= 50,000 hours. 3 SDCM color consistency. BIOS SkyBlue, RGB, RGBW, RGBWW. Tunable White and Dim-to-Warm options available.

DRIVER: Standard driver is Class 2 AOC 0-10V to 1%, Dim-to-Off available. 120/277V input, PF > 90%, THD < 20 @ 120V. Additional dimming protocols available. All drivers prewired from factory for connection to control system (by others). Field replaceable.

MOUNTING: Standard installation is in an exposed inverted T-bar ceiling. Fixtures are supplied with four support brackets for additional support to T-bar. May also be installed in a plaster ceiling (F/TRL mounting option with Flange).

FINISH: Housing and components finished in baked white enamel.

CERTIFICATION: cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry & damp locations. Union Made in the United States of America, I.B.E.W., BAA compliant. DLC V5.1 Standard Listed. Declare Red List Approved.

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