Date		Notes
Project		
Type	Qty	

Direct

3 7/8"

12" X 48" GRID O.C.
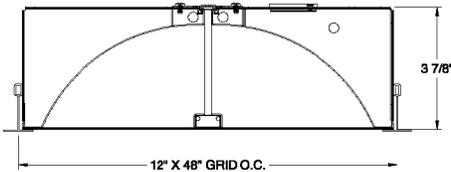
Features

Edge-Lit with LED optimized clear acrylic center beam.

Concave housing delivers smooth semi-direct illumination.

For installation in suspended grid ceilings, including Slot Grid and Tegular.

High efficiency driver for custom lumen packages. 0-10V dimming to 1% standard.

High efficacy LEDs in 80 or 90 CRI; two or three channel tunable white; tunable color.

Ordering Guide

| MODEL	OPTICS	CCT[1]	LUMENS[2]	SIZE	MOUNTING[3]	FINISH	OPTIONS
SKBL-D SKBL-D Direct	**CA** CA = Clear Acrylic Lens	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI For 90 CRI add "9" prefix. Ex: 940 = 4000K @ 90 CRI **TUNABLE WHITE[1]** 2-Channel 2DIM10 = for 0-10V 2 DALI = for DALI 2DMX = for DMX 2PSQ = for Lutron 2SNS = for Signify 2CAS = for Casambi 3-Channel 3DLM = for DLM For RGB and RGB/W options see page 3.	LO = 3250 (48W, 82LPW) SO = 4375 (64W, 80LPW) HO = 5460 (80W, 78LPW) @3500K Consult factory for additional lumen packages. All values nominal.	14 = 1x4	G = Grid MG = Mini Grid SG = Slot Grid S = Surface See all mounting options page 2.	W = White CC = Custom Color AMW = Anti-Microbial White	**DIMMING DRIVERS** DIM10 = 0-10V (1.0%) - **Standard** DIMSR = 0-10V (5.0%) Sensor Ready DIMST = Step Dimming (40%/100%) DALI = DALI (5.0%) **LUTRON™ DIMMING DRIVERS** LDE1 = Hi-Lume 1% EcoSystem LDE5 = 5-Series 5% EcoSystem L3DA3W = Hi-Lume 1% 3-Wire LTEA2W = Hi-Lume 1% 2-Wire 120V **SENSORS & CONTROLS** ESN = Philips™ EasySense DAY = Daylight Harvesting OCC = Occupancy Sensor LVC = 2-Channel LV Controler VDO = Vive Sensor by Lutron **EMERGENCY** EPC4 = (4W) 400 Delivered Lumens EPC7 = (7W) 700 Delivered Lumens EPC10 = (10) 1000 Delivered Lumens EPC12 = (12W) 1200 Delivered Lumens GTD = Generator Transfer Device EMC = Emergency Circuit

[1]Tunable white, tunable color and RGB/W options detailed on page 3.

[2]Delivered Lumens are Standard Output (SO) and Low Output (LO) at 80+CRI 4000K CCT. Use the following multiplier to estimate delivered lumens at other CCTs: 2700K = 0.94, 3000K = 0.96, 3500K = 0.98, 5000K = 1.02. All values nominal. See page 2 for photometry.
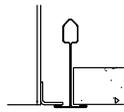
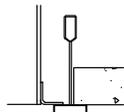[3]See page 2 for ceiling mounting options details and full specifications.
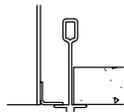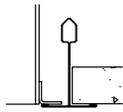
Mounting Options
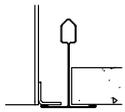
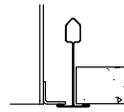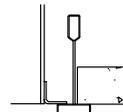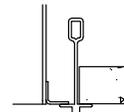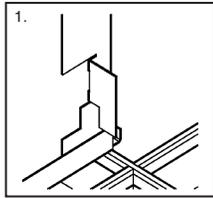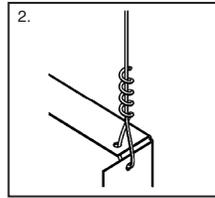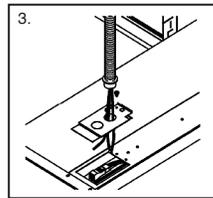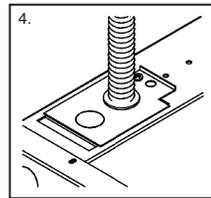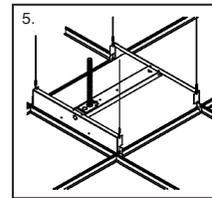| 15/16" T-Bar (G) | 9/16" T-Bar (MG) | Slot Grid (SG) | Interlude (XG) | 15/16" Tegular Flush (TGF) | 9/16" Tegular Flush (MTGF) | Slot Grid Flush (SGF) | Interlude Flush (XGF) |

Grid Ceiling Install
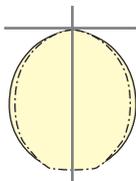
1. Position Fixture
2. Secure Tie Wire
3.
4.
5.

Photometry

SKBL-D-AS-40-SO-14

CCT: 3500K
WATTS: 64
LUMENS: 4375
LPW: 80
Distribution:
100% Direct

Consult factory for additional lumen information.

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 (CA) center lens.

LED: LED modules in 30/35/40 & 50K CCT, 80 CRI (90CRI available). L_{70}= 50,000 hours. 3 SDCM color consistency; field replaceable.

DRIVER   Standard driver is Class 2 AOC 0-10V to 1%, 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. Anti-microbial finish available.

CERTIFICATION: Luminaires are 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. RoHS compliant.

Day-O-Lite offers a variety of tunable white and tunable color options for a range of human centric applications and budgets. It is recommended that a recognized authority on the benefits and best practices of tunable white be consulted prior to specification. As a rule, fewer channels will provide a basic level of performance for budget conscious applications. Conversely, an increased number of channels, a wider CCT range, higher CRI and more precise color consistency may be more appropriate depending on the application and desired results.

HOW TO SPECIFY
Select from the various channel/control options below and insert desired **Ordering Code** into the **COLOR TEMP** column of the Ordering Guide on page 1. No need to add a dimming option as the codes include the chosen protocol.

2-CHANNEL TUNABLE WHITE OPTIONS

2700K - 6500K CCT range

1000L/ft LED modules @ 4000K

80+ CRI w/3SDCM color accuracy

10W/ft. nominal power

Ordering Codes

2DIM10 for 0-10V control
2DALI for DALI control
2DMX for DMX control
2PSQ for Lutron Quantum control
2SNS for control via Signify SNS sensors
2CAS for control via Casambi BLE wireless devices

LEGRAND BLANCO MULTI-CHANNEL OPTIONS

Blanco-2

Blanco-2 mixes two channels of white LEDs to approximate the blackbody curve for tunable white applications. CCT and intensity may be adjusted with controls by others.

3000K-5000K CCT range

1000L/ft LED modules @ 4000K

90+ CRI w/2SDCM color accuracy

10W/ft. nominal power

Ordering Codes

B2DLM for DLM control

Blanco-3

Blanco-3 mixes three channels of white LEDs across a wider range of color temperatures for more demanding tunable white applications. CCT and intensity may be adjusted with controls by others.

2700K-6500K CCT range

1000L/ft. LED modules @ 4000K

90+ CRI w/2SDCM color accuracy

10W/ft. nominal power

Ordering Codes

B3DLM for DLM control

RGB & RGBW TUNABLE COLOR

3-Channel RGB = Red, Green, Blue

4-Channel RGB/W = Red, Green, Blue + White of chosen CCT

Dimming form 100% to 1%.

90+ CRI w/3SDCM color accuracy

10W/ft. nominal power

Notes:

RGB requires an RGB DMX or DALI controller (by others)

RGBW requires an RGBW DMX or DALI controller (by others)

All channels on one driver is standard, if isolating the White from the RGB channels is desired please consult factory.

RGB and RGBW are not recommended for tunable white applications.

Ordering Codes

RGB for DMX control
RGB27 for DMX control w/2700K white
RGB30 for DMX control w/3000K white
RGB35 for DMX control w/3500K white
RGB40 for DMX control w/4000K white
RGB50 for DMX control w/5000K white
RGB65 for DMX control w/6500K white
Add Suffix **DAL** for DALI Control to codes above.

5-CHANNEL TUNABLE WHITE AND COLOR

RGBWW = Red, Green, Blue, Warm White, Cool White.

Consult factory for RGBWW tunable white/color options.

Day-O-Lite makes no claims as to the psychological or physiological efficacy of the white color tuning options offered herein.