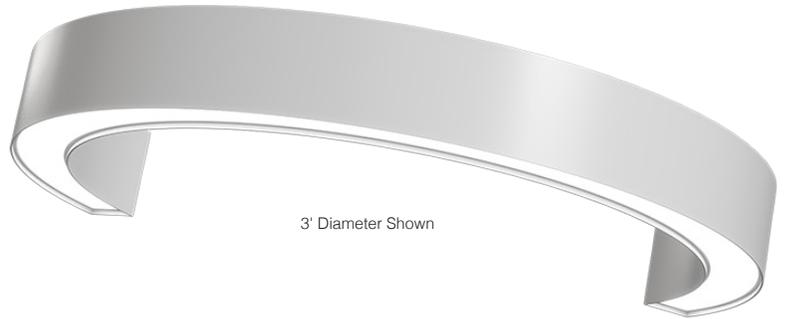
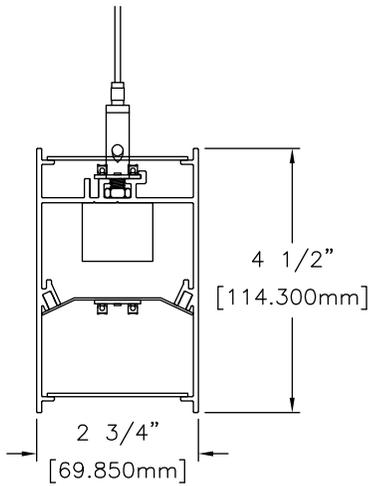




Compass Series | COML-24C-DI

Date	Notes
Project	
Type Qty	



Features

- Custom-rolled extruded aluminum housing.
- LED optimized optics for smooth illumination along entire lens.
- Suspension mount for any ceiling type. Creates architectural rings of light.
- High efficiency programmable 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; five channel tunable color.

Ordering Guide

MODEL	OPTICS	CCT ¹	LUMENS ²	DIA ³	MOUNTING ⁴	FINISH	OPTIONS
COML-24C-DI	DP						
COML-24C-DI Direct/Indirect	DP = Diffuse Polycarbonate w/clear acrylic dust covers (lay-in).	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI For 90CRI add "9" prefix. Ex: 940 = 4000K @ 90 CRI TUNABLE WHITE¹ See all options page 4. Please consult fac- tory, not all options available or integral depending upon fixture diameter.	See table page 2 for lumen packages for all diameters. Consult factory for custom lumen packages. All values nominal.	2 = 2 ft 3 = 3 ft 4 = 4 ft	AC = Aircraft Cable PD = Pendant Stem ACM = 3-into-1 Mono Point	W = White CC = Custom Color AMW = Anti-Microbial White	DIMMING DRIVERS DIM10 = 0-10V (1%) - 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™ L3DA3W = Hi-Lume™ 1% 3-Wire LTEA2W = Hi-Lume 1% 2-Wire 120V SENSORS & CONTROLS ESN = Philips™ EasySense CAS = Casambi Bluetooth control EMERGENCY EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery Pack EPC7 = 7W Emergency Battery Pack EPC10 = 10W Emergency Battery Pack EPC12 = 12W Emergency Battery Pack Please consult factory, not all options available or integral depending upon fixture diameter.

¹Tunable white, tunable color and RGB/W options detailed on page 4.

²Delivered 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. See page 2 for photometry.

³See page 2 for actual dimensions per diameter, and section information.



Size Options & Ordering Instructions

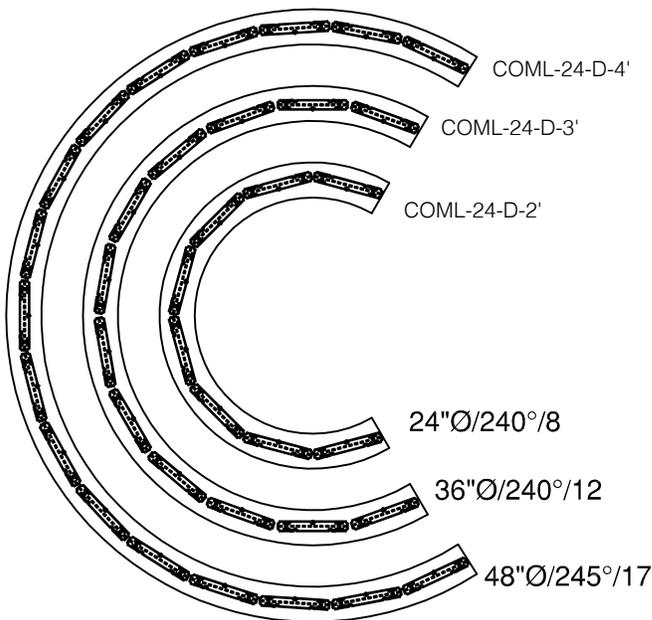
The Compass 24C Series may be ordered in a variety of standard diameters outlined below.

All diameters may be ordered with either a 3-into-1 monopoint aircraft assembly, 3 parallel aircraft cables or 3 pendant stems. Diameters 6'-20' may ordered with only parallel aircraft cables or pendant stems. All sizes may also be surface ceiling mounted or recessed in plaster ceilings. See following page for suspension and recessed ceiling applications.

SIZE ORDER CODE	DIA.	MTG POINTS	LO LUMENS	LO WATTS	LO LPW	SO LUMENS	SO POWER	S0 LPW	HO LUMENS	HO POWER	HO LPW
2	24"	3	4635	34	136	6170	45	137	7700	56	137
3	36"	3	7210	55	131	9590	73	131	11,980	92	130
4	48"	3	10,260	81	126	13,670	108	126	17,073	135	126

Distribution: 40% Direct, 60% Indirect

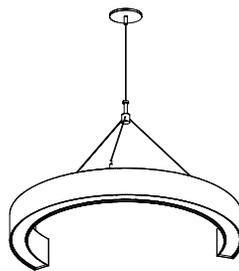
Supplied with a fully assembled one-piece housing and one-piece polycarbonate lens.



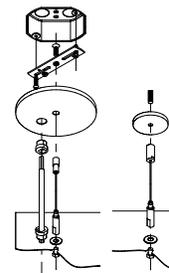
Standard Suspensions

Standard suspension options include adjustable self-locking aircraft cables (AC), a 3-into-1 monopoint (ACM) and rigid pendant stems (PD). AC assembly is 48" x 1/16" with a 5" feed canopy and 2" suspension canopies. 60° 18 gauge power and 22 gauge dimming control SJT feed.

PD assemblies are 5/8" dia. (or 3/8" IP) hollow stem for power feed by others, 24" is standard. Consult factory for longer suspension lengths and other mounting options.



ACM = Mono Point



AC = Aircraft Cable
(All diameters)



PD = Pendant Stem
(All diameters)

Specifications

CONSTRUCTION Extruded aluminum housing, w/prefinished steel internal components.

REFLECTOR Extruded aluminum finished in highly reflective baked white enamel with pre-finished reflective LED tray.

OPTICS LED optimized diffuse polycarbonate (DP) lens standard.

LED LED modules in 30/35/40 & 50K CCT, 80/90CRI. $L_{70} = 50,000$ 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 options include adjustable self-locking aircraft cables (AC), 3-into-1 monopoint (ACM) and rigid pendant stems (PD). AC assembly is 48" x 1/16" with a 5" feed canopy and 2" suspension canopies. 18 gauge power and 22 gauge dimming control SJT feed.

FINISH Housing and components finished in baked white enamel. Canopies and pendant stems are white enamel unless otherwise specified.

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

RGB = Red, Green, Blue color mixing LEDs
RGB/W = Red, Green, Blue + White of chosen CCT
Dimming from 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.

¹Please consult factory, not all options available or integral depending upon fixture diameter.

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