



PRODUCT DESCRIPTION

DCS is a simulated window, an architectural element that brings the experience of a daylit window into any space. Through the integration of the latest LED lighting technology into the form and materials of a window, DCS is nearly indiscernible from a real window.

PERFORMANCE SPECIFICATION

A patented, prefabricated UL-listed lighting system with the appearance of a window, with integrated aluminum extrusion, glass, gasketing, and LED light engine delivering 94+ CRI, UGR below 12, no perceptible flicker, greater than 89% uniformity, and an L70 rating of over 100,000 hours. LED drivers included, and a system warranty of a minimum of 5 years.

AT A GLANCE:

Color Temp. Range	2200K - 6500K
Min. Required Depth	3.75"
Wet Rating Voltage	UL Dry / damp locations only
CRI	100 - 277 VAC
R9	94+
Color-Binning	65+
Distribution	3 Step MacAdam Ellipse
Rated Life Dimming /	Lambertion
Control Operating	L70 100,000 Hours
Temp. Warranty ETL	0-10V, 2-channel 0-10V Tunable White -20°C
CSA	to +50°C / -4°F to +122°F
	5 Years
	Conforms To UL STD 1598
	CSA standard is 22.2 No. 250.0

PROJECT:

TYPE:

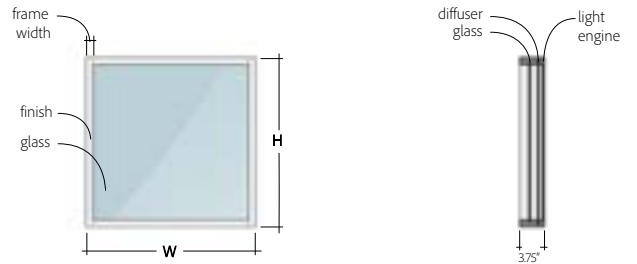
QUANTITY:

DATE:

SPECIFIER:



COMMON APPLICATIONS:



PART BUILDER:

SERIES	UNIT SIZE	GLASS	FRAME WIDTH	COLOR TEMP	DRIVER	MOUNTING	FINISH	OPTIONS
S	H x W (inches) (inches) <small>Dimensions must be provided in 1" increments. Maximum area no greater than 24ft² *Refer to following page for additional sizing information</small>	G : Clear	1 : 1" width 2 : 2" width	22 : 2200K 27 : 2700K 35 : 3500K 40 : 4000K 50 : 5000K 65 : 6500K TW : Tunable White ET : US/Eastern CT : US/Central MT : US/Mountain PT : US/Pacific AK : US/Alaska HI : US/Hawaii	R : Remote 2 Channel 0-10V** I : Integral* 2 Channel 0-10V <small>*2" Frame Width and Unit Width (W) of 36" or more are required for Integral driver. **Remote Driver required for SunDial Controller</small>	WX : Wall Recessed WU : Wall Unistrut Clips* CX : Ceiling Recessed CU : Ceiling Unistrut Clips* C : Cable Suspended <small>*Unistrut Clip Mounting recommend-ed. Also used for recess install.</small>	A : Clear Anodized B : Dark Bronze W : White #### : Custom RAL #	Talk to day-lite.com for other available options: Various Muntin configurations, Ceiling shrouds, Chicago plenum, etc.



SunDial Controller

SunDial is a turn-key circadian controller developed by **DCS** that enables any **DCS** configuration to automatically simulate the changing colors and intensities of daylight throughout the day, without any on-site commissioning or programming.

Each Standalone (S) unit ships with its own pre-wired driver.

- Pre-programmed daylight schedule with a built-in clock automatically adjusts the CCT and intensity of **DCS** throughout the day
- Will automatically adjust for daylight savings time if (DS) is specified in the Options column of the part number
- No additional wiring, commissioning, or programming required. Simply deliver power to the **DCS** driver, and SunDial will automatically begin operating.
- Controller hardware is installed remotely in its own box, can be attached to the remote driver box provided by **DCS**, and is powered directly from the auxiliary power output provided by the LED driver.
- Integrated battery backup retains the time of day in the event of losing power. Battery rated for 25 years.
- One 0-10V input channel available to add manual dimming overrides or sensors if desired. (see SunDial wiring guide)

How to Specify

- In the CCT column of the part number, select the time zone where the **DCS** will be installed
- In the Options column of the part number, select DS for automatic Daylight Savings time adjustment. Leave blank if daylight savings time adjustment is not desired

DRIVER BOX with SUNDIAL CONTROLLER

EC must wire the unit power and the dimmer override wires. All other connections are pre-wired by **DCS**. (See Wiring Guide for details)

