

How to Specify

Example:

Step 1

Control type selection:

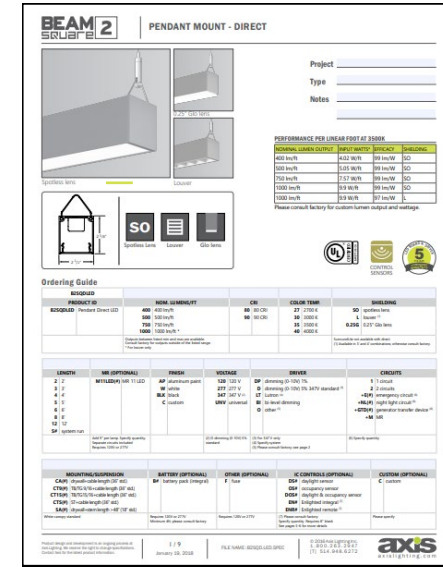
Choose the IC control type: **DOS(#)** daylight & occupancy sensor, or **WC(#)** wireless control dimming

Step 2

Control ordering code selection : Choose the IC control ordering code (see table on pages 3-6).

Step 3

Quantity selection : Choose the Quantity of the controls.



MOUNTING/SUSPENSION	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPT.)	CUSTOM (OPT.)
CA(L) drywall+cable length (36" std.) CT9(L) TB/TG 9/16+cable length (36" std.) CT15(L) TB/TG15/16+cable length (36" std.) CTS(L) ST+cable length (36" std.) SA(L) drywall+stem length >48" (18" std.)	B(#) battery pack (integral)	F fuse	DS(#) daylight sensor OS(#) occupancy sensor DOS(#) daylight & occupancy sensor EN(#) Enlighted integral* ENR(#) Enlighted remote* WC(#) wireless control dimming	C custom
White canopy standard	Minimum 4ft; please consult factory	Requires 120V or 277V	*Please consult factory Specify quantity. Requires 8" blank Consult factory for Tunable White. Not available with DPB (DY) driver for BIOS with Dynamic Spectrum.	Please specify

WC(L,WC,3,D4i)

Specify the complete code on the spec sheet

Example:

Control type: **WC(#)**

Control ordering code: **L,WC,3,D4i**

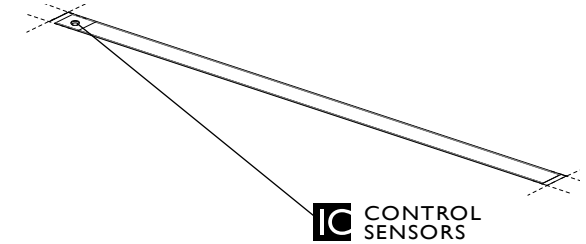
Quantity: 2

The code to specify on the spec sheet: **WC(L,WC,3,D4i)**

Axis luminaires allow the use of integrated controls such as combination daylight/occupancy sensors (DOS) and wireless control (WC). These options can be seamlessly integrated into our luminaires. The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

- Consult factory for other options.

The integrated control systems offered are:



● DAYLIGHT HARVESTING AND OCCUPANCY (DOS):

A combination of Daylight & Occupancy sensor. In one form factor. All DOS sensor can be wired or wireless with various control protocols.



Vive Integral Fixture Control
(DFCSJ-OEM-OCC shown)

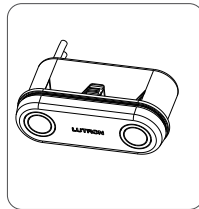


Athena Wireless Node Sensor
(A-WN-D01-OCC-WH shown)

● WIRELESS CONTROL (WC):

Wireless Control Dimming, enabling you to control and manage LED luminaires.

With wireless smart lighting control, luminaires themselves can become addressable nodes in a network.



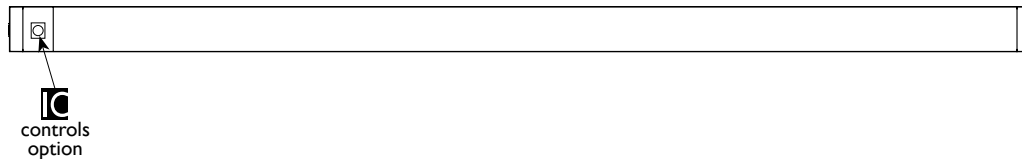
Vive Wireless Node RF Only
(DFCSJ-OEM-RF shown)



Athena Wireless Node RF Only
(A-WN-D01-RF-WH shown)

● INSTALLATION EXAMPLE

Sensor location option



* Incorporating IC controls may affect the length of the luminaire. Please contact factory for more details.



LUTRON INTEGRATED CONTROLS GUIDE

Control Product Ordering Code Designation

INTEGRATED CONTROLS FEATURES	
DOS	Daylight & Occupancy Sensor
WC	Wireless Control
BRAND	
L	Lutron
TECHNOLOGY	
WC	Wireless Control
PWC	PIR with Wireless Control
PART NUMBER	
#	Axis sensor designation number
DIMMING PROTOCOL	
DP	0-10V driver
SR	Signify SR driver
DEXAL	Osram Dexas driver
LDE1	Lutron ECO driver
D4i	DALI/D4i

DAYLIGHT AND OCCUPANCY SENSOR (DOS)

PRODUCT	LUTRON	
	LUTRON	
	VIVE INTEGRAL FIXTURE CONTROL WITH SENSOR (DFCSJ-OEM-OCC)	ATHENA INTEGRAL FIXTURE CONTROL WITH SENSOR (A-WN-D01-OCC)
Product ordering code	L,PWC,2,LDE1 : Lutron ECO driver L,PWC,2,SR: SR DALI driver L,PWC,2,DEXAL: DEXAL DALI driver L,PWC,2,D4i: D4i DALI Driver	L,PWC,4,DP : 0-10V dimming* L,PWC,4,SR : SR DALI driver L,PWC,4,DEXAL : DEXAL DALI driver L,PWC,4,D4i : D4i DALI driver * Can not provide energy metering.
Air	✓	✓
Beam 2, 3, 4, 6	✓	✓
Beam 2 Square	✓	✓
Beam 3 SL	Remote sensor only	
CovePerfekt	Remote sensor only	
Cubic	✓	✓
LT	✓	✓
Mini Box	✓	✓
Prime	✓	✓
Sculpt	✓	✓
Sketch	Consult factory	
Slim	✓	✓
Stencil	Remote sensor only	
Wet Beam	N/A	
Wet Beam DI	N/A	
Zen Square	✓ (D4i only)	✓ (D4i only)
Zen, Wall Wash Perfekt, Graze Perfekt, Skyefall, SkyeScape, SkyeView	Remote sensor only	
Aura, Day, Dia, SkyePool	✓	✓

WIRELESS CONTROL DIMMING (WC)		
BRAND	LUTRON	
PRODUCT DESCRIPTION	VIVE INTEGRAL FIXTURE CONTROL WITHOUT SENSOR (DFCSJ-OEM-RF)	ATHENA INTEGRAL FIXTURE CONTROL WITHOUT SENSOR (A-WN-D01-RF) <small>*White or black available, white supplied by default.</small>
Product ordering code	L,WC,1,LDE1 : Lutron ECO driver L,WC,1,SR : SR DALI driver L,WC,1,DEXAL : DEXAL DALI driver L,WC,1,D4i : D4i DALI driver	L,WC,3,DP : 0-10V dimming* L,WC,3,SR : SR DALI driver L,WC,3,DEXAL : DEXAL DALI driver L,WC,3,D4i : D4i DALI driver * Can not provide energy metering.
Air	✓	✓
Beam 2, 3, 4, 6	✓	✓
Beam 2 Square	✓	✓
Beam 3 SL	Remote sensor only	
CovePerfekt	Consult factory	✓
Cubic	✓	✓
LT	✓	✓
Mini Box	✓	✓
Prime	✓	✓
Sculpt	✓	✓
Sketch	Consult factory	
Slim	✓	✓
Stencil	N/A	
Wet Beam	N/A	N/A
Wet Beam DI	Consult factory	N/A
Zen Square	✓ (D4i only)	✓ (D4i only)
Zen, Wall Wash Perfekt, Graze Perfekt, Skyefall, SkyeScape, SkyeView	Remote sensor only	
Aura, Day, Dia, SkyePool	✓	✓

PRODUCT



How to Specify StencilFlex® insert with sensor and/or control module

Example:

Step 1

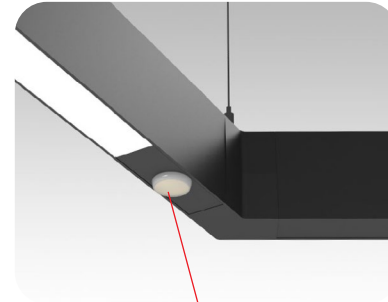
Framework wiring selection : Start with ordering Integral Modular Wiring for Empower wireless controls (IMWEP) from [SFF Framework spec sheet \(See here.\)](#)

Example:

Control type: **IMWEP**

Make sure you choose IMWEP when ordering framework

IMWEP		
CONTROLS		CIRCUITS
IMW	Integral Modular Wiring for 0-10V with DP driver	1 1 circuit *
IMWEP	Integral Modular Wiring for Empower wireless controls*	1E 1 Empower circuit ** 2 2 circuits *** +EC(#) emergency circuit****
* 2 circuits option not applicable with the selection. Wireless solution. See page 6 for supported platforms. See IC control guide for supported platforms.		* Control UP and DOWN together. ** Default option for Empower *** Control UP and DOWN separately. **** Specify quantity.



Patented integral modular wiring connection. One connection per insert. Designed to work with StencilFlex™ framework wired for IMWEP (Empower wireless sensor and control).

StencilFlex™ insert includes Axis integral DALI D4i driver connected to wireless radio control or wireless control with daylight and occupancy sensors (DOS)



The integrated control systems offered are:



Step 2

Control ordering code selection for each insert : All sensor specification across inserts should be the same brand. ([Direct Spotless Lens Flush Insert \(SFLDSOFL\) spec sheet](#) code shown as example here, but the method applies to all StencilFlex Light Inserts).

EP(L,PWC,4,D4I)	
CONTROLS	END CAP FINISH
DP integral driver 0-10V dimming (1%) - wired*	BLK black AP aluminum paint W white C custom
EP(#) integral mini driver for Empower wireless with integral sensor / control module**	
* Available with multicircuit wiring. ** See page 2 for supported platforms.	! Please ensure that your end cap finish matches your framework finish selection (see Framework (SFF) spec sheet).

Example:

Control type: **EP(#)**

Control ordering code: L,PWC,4,D4I (see guide on page 2)

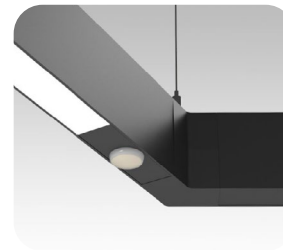
The code to specify on the spec sheet: **EP(L,PWC,4,D4I)**

Note: Quantity - 1 per insert by default.

EMPOWER (EP)

Empower has a mini-communication module and sensor designed into each insert providing wireless-ready lighting control.

Empower has a unique digital mini line-voltage intelligent driver in every insert (patent pending). These integrations in every insert enable connectivity, form and function with freedom of design.



STENCILFLEX™ EMPOWER (IMWEP)+ (EP) ORDERING CODES				
BRAND	LUTRON			
PRODUCT DESCRIPTION	VIVE INTEGRAL FIXTURE CONTROL WITHOUT SENSOR (DFCSJ-OEM-RF)	VIVE INTEGRAL FIXTURE CONTROL WITH SENSOR (DFCSJ-OEM-OCC)	ATHENA INTEGRAL FIXTURE CONTROL WITHOUT SENSOR (A-WN-D01-RF) <small>*White or black available, white supplied by default.</small>	ATHENA INTEGRAL FIXTURE CONTROL WITH SENSOR (A-WN-D01-OCC) <small>*White or black available, white supplied by default.</small>
Product ordering code	L,WC,1,D4i <small>D4i DALI Driver</small>	L,PWC,2,D4i <small>D4i DALI Driver</small>	L,WC,3,D4i <small>D4i DALI Driver</small>	L,PWC,4,D4i <small>D4i DALI Driver</small>
PRODUCT StencilFlex™ AxisTrak™ Insert	✓	✓	✓	✓
StencilFlex™ Direct Linear Insert Louver	✓	✓	✓	✓
StencilFlex™ Direct MikroLite™ Insert	✓	✓	✓	✓
StencilFlex™ Direct Linear Insert SO Flush Lens	✓	✓	✓	✓
StencilFlex™ Direct Linear Insert SO Regressed Lens	✓	✓	✓	✓
StencilFlex™ Direct Linear Insert Wall Wash	✓	✓	✓	✓
StencilFlex™ Indirect SurroundLite Insert	✓	✓	✓	✓

Control Code Legend	
INTEGRATED CONTROLS FEATURES	
EP	Empower Wireless Control with PIR
BRAND	
L	Lutron
TECHNOLOGY	
WC	Wireless Control
PWC	PIR with Wireless Control
PART NUMBER	
#	Axis designated sensor number
DIMMING PROTOCOL	
D4i	DALI/D4i

! Quantity of sensors equals quantity of inserts (1 sensor per insert)

● CONTROLS READY INTEGRATED WIRELESS

- Every insert has a communication device and integrated sensor so every insert is controllable individually
- Sensors can be grouped, no matter where the element is

● INSTALLATION EXAMPLE

