



VISUAL CONTROLS

Engineered for Productivity

V I S U A L

Acuity Brands®

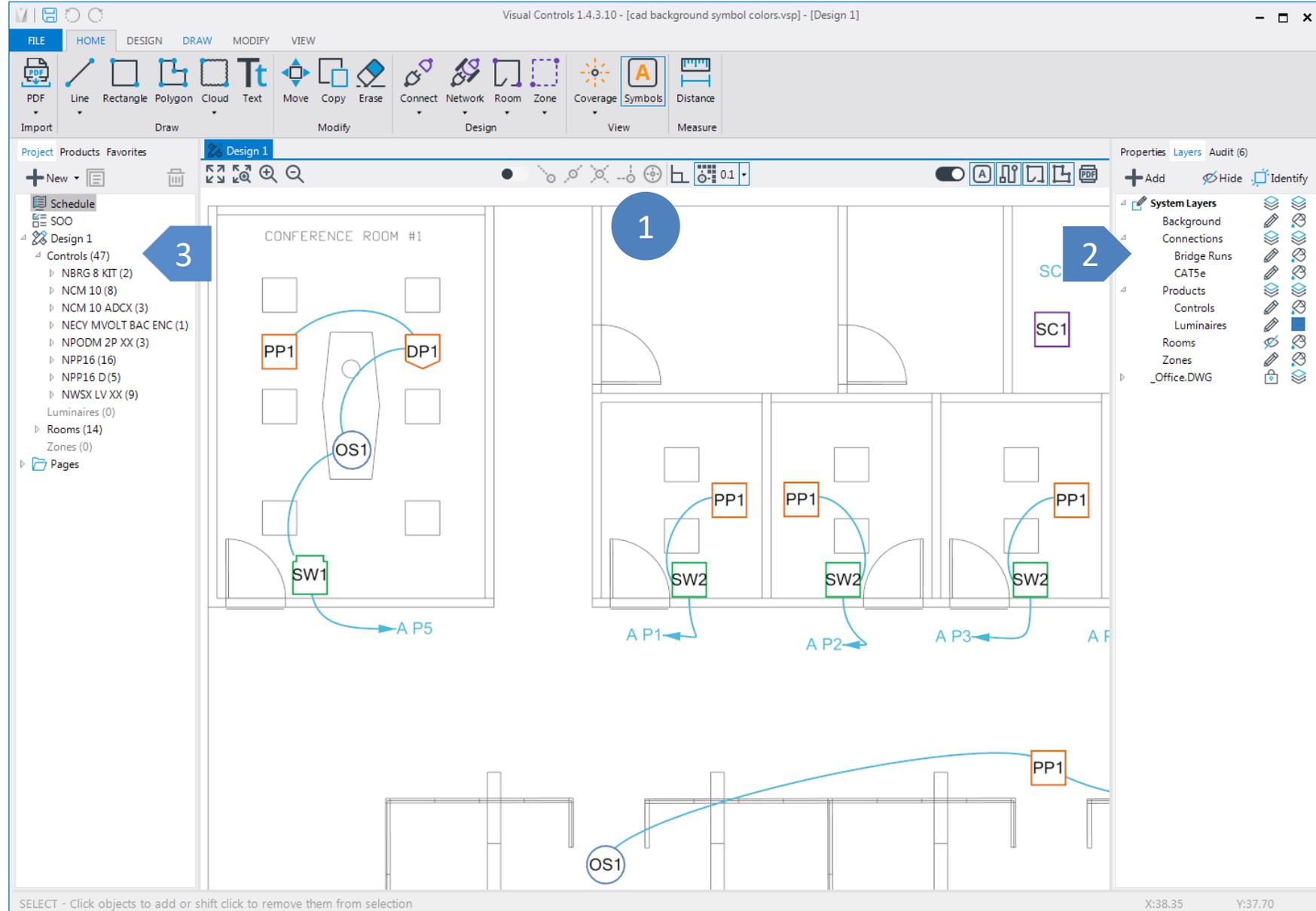


1. Import PDF or DWG files
2. Insert/search products from Acuity Brands cloud database
3. Connect products to indicate desired wiring plan
4. Create rooms and zones to group devices
5. Performs auditing to find potential design problems
6. Creates a schedule with device quantities
7. Automatically generates riser diagrams from connected devices
8. Automatically generates and updates product and wire legends
9. Create professional and comprehensive submittals
10. Create Switch and Panel schedules
11. Provides typical details and notes

DESIGN



- 1 Design window with construction commands similar to AutoCAD
- 2 Use Layer Manager to control color, editing and visibility of design components
- 3 Use Project Manager to view elements included in the design



DESIGN

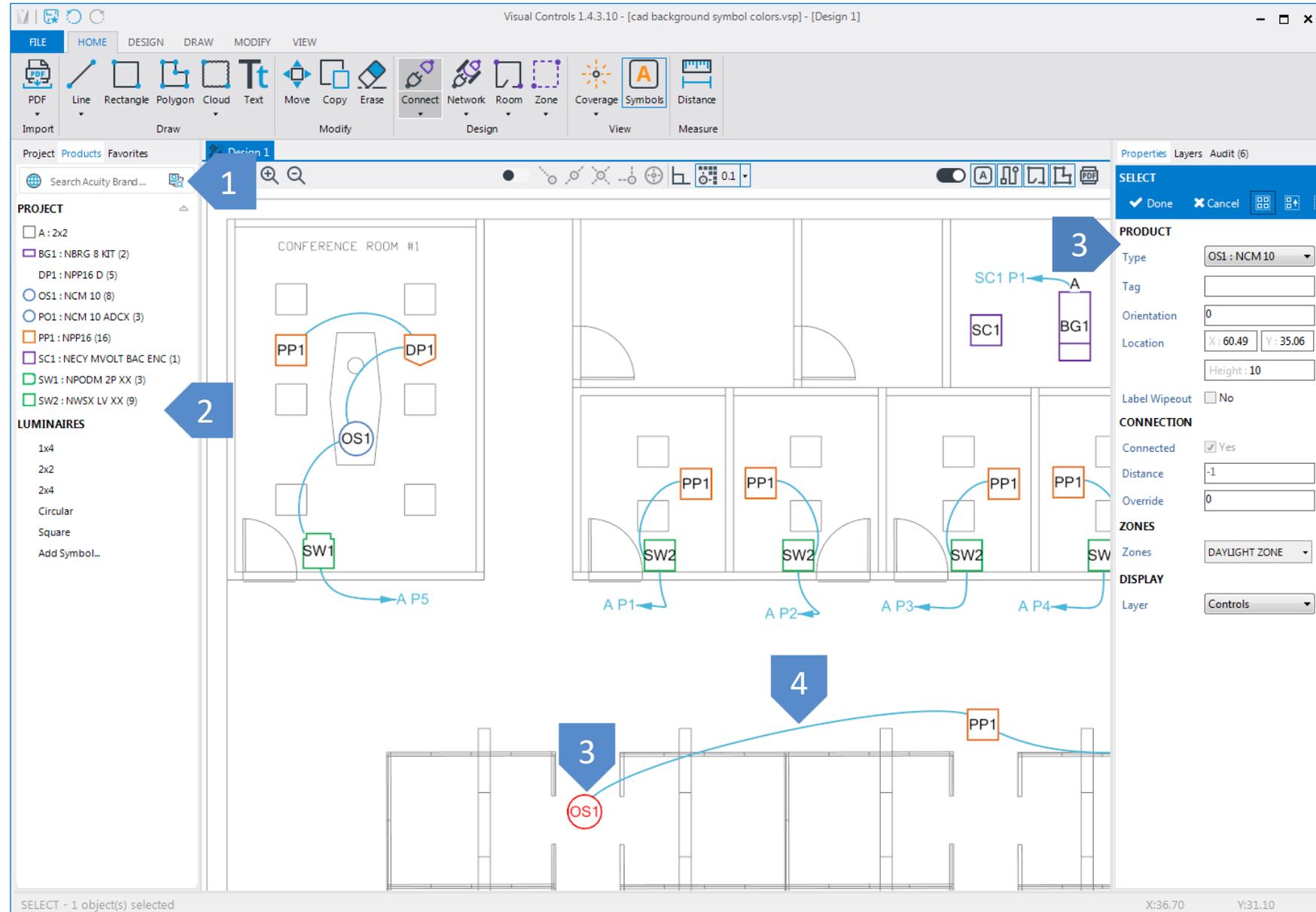


1 From the Products tab, search for products by catalog number or browse the Product Selection database

2 Select a control or lighting product to insert into the design

3 Select a product to review/edit properties

Connect products with intelligent wiring (move a product and wiring moves, delete a product and wiring connection will automatically update)



PRODUCT SELECTION

Search products by catalog number

Products grouped by company and device type

Select a product to review details and links to product web page and spec sheet

1

2

3

Search all products ... Search

NCM (57)

| Catalog | Description |
|------------------------------------------------|------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> NCM 10 | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens |
| <input type="checkbox"/> NCM 10 2P | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, 2-Pole |
| <input type="checkbox"/> NCM 10 2P DZ | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, 2-Pole, Dual Zo... |
| <input type="checkbox"/> NCM 10 2P DZ LT | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, 2-Pole, Dual Zo... |
| <input type="checkbox"/> NCM 10 2P LT | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, 2-Pole, Low Te... |
| <input type="checkbox"/> NCM 10 ADCX | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, Photocontrol w... |
| <input type="checkbox"/> NCM 10 ADCX AR | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, Photocontrol w... |
| <input type="checkbox"/> NCM 10 ADCX LT | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, Photocontrol w... |
| <input type="checkbox"/> NCM 10 AR | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, Auxiliary Relay |
| <input type="checkbox"/> NCM 10 LT | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, Low Temperatu... |
| <input type="checkbox"/> NCM 6 | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens |
| <input type="checkbox"/> NCM 6 2P | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens, 2-Pole |
| <input type="checkbox"/> NCM 6 2P DZ | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens, 2-Pole, Dual Zone Photocontrol |
| <input type="checkbox"/> NCM 6 2P DZ LT | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens, 2-Pole, Dual Zone Photocontrol, Low T... |
| <input type="checkbox"/> NCM 6 2P LT | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens, 2-Pole, Low Temperature / High Humi... |
| <input type="checkbox"/> NCM 6 ADCX | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens, Photocontrol w/ Auto Dimming; No Wi... |
| <input type="checkbox"/> NCM 6 ADCX LT | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens, Photocontrol w/ Auto Dimming; No Wi... |
| <input type="checkbox"/> NCM 6 LT | Low Voltage Ceiling Mount Sensor, High Bay 360° Lens, Low Temperature / High Humidity |
| <input type="checkbox"/> NCM 9 | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens |
| <input type="checkbox"/> NCM 9 2P | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, 2-Pole |
| <input type="checkbox"/> NCM 9 2P DZ | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, 2-Pole, Dual Zo... |
| <input type="checkbox"/> NCM 9 2P DZ LT | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, 2-Pole, Dual Zo... |
| <input type="checkbox"/> NCM 9 2P LT | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, 2-Pole, Low Tem... |
| <input checked="" type="checkbox"/> NCM 9 ADCX | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, Photocontrol w/... |
| <input type="checkbox"/> NCM 9 ADCX AR | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, Photocontrol w/... |
| <input type="checkbox"/> NCM 9 ADCX LT | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, Photocontrol w/... |
| <input type="checkbox"/> NCM 9 AR | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, Auxiliary Relay |
| <input type="checkbox"/> NCM 9 LT | Low Voltage Ceiling Mount Sensor, Small Motion / Standard Range 360° Lens, Low Temperature... |
| <input type="checkbox"/> NCM ADCX | Low Voltage Ceiling Mount Sensor, Photocontrol w/ Auto Dimming; No Wires |
| <input type="checkbox"/> NCM ADCX DZ | Low Voltage Ceiling Mount Sensor, Photocontrol w/ Auto Dimming; No Wires, Dual Zone Phot... |
| <input type="checkbox"/> NCM ADCX DZ LT | Low Voltage Ceiling Mount Sensor, Photocontrol w/ Auto Dimming; No Wires, Dual Zone Phot... |
| <input type="checkbox"/> NCM ADCX LT | Low Voltage Ceiling Mount Sensor, Photocontrol w/ Auto Dimming; No Wires, Low Temperatur... |
| <input type="checkbox"/> NCM PC | Low Voltage Ceiling Mount Sensor, On/off photocell |
| <input type="checkbox"/> NCM PC DZ | Low Voltage Ceiling Mount Sensor, On/off photocell, Dual Zone Photocontrol |
| <input type="checkbox"/> NCM PC DZ LT | Low Voltage Ceiling Mount Sensor, On/off photocell, Dual Zone Photocontrol, Low Temperatur... |
| <input type="checkbox"/> NCM PC LT | Low Voltage Ceiling Mount Sensor, On/off photocell, Low Temperature / High Humidity |
| <input type="checkbox"/> NCM PDT 10 | Low Voltage Ceiling Mount Sensor, Passive Dual Technology, Large Motion / Extended Range... |

MANUFACTURER: NLIGHT
CATALOG: NCM 9 ADCX
DESCRIPTION: LOW VOLTAGE CEILING MOUNT SENSOR, SMALL MOTION / STANDARD RANGE 360° LENS, PHOTOCONTROL W/ AUTO DIMMING; NO WIRES
LINKS: [WEB PAGE SPECIFICATION SHEET](#)

Selections: NCM 9 ADCX

OK Cancel

DESIGN



1 Create Rooms to group devices and view device coverage patterns

2 Create Zones to designated specific areas

3 View existing rooms in the Project Manager

View Audit to review potential design problems

Visual Controls 1.4.3.10 - [cad background symbol colors.vsp] - [Design 1]

FILE HOME DESIGN DRAW MODIFY VIEW

PDF Line Rectangle Polygon Cloud Text Move Copy Erase Connect Network Room Zone Coverage Symbols Distance

Import Draw Modify Design View Measure

Project Products Favorites

+ New

Schedule SOO Design 1

- Controls (47)
 - NBRG 8 KIT (2)
 - NCM 10 (8)
 - NCM 10 ADCX (3)
 - NECY MVOLT BAC ENC (1)
 - NPODM 2P XX (3)
 - NPP16 (16)
 - NPP16 D (5)
 - NWSX LV XX (9)
- Luminaires (0)
- Rooms (14)
 - Conference
 - Office
 - Room C
 - Room D
 - Room E
 - Room F
 - Room G
 - Room H
 - Room I
 - Room J
 - Room K
 - Room L
 - Room M
 - Room N
- Zones (1)
- Pages

Properties Layers Audit (6)

Updated: 01:28:21 PM Refresh

- Design 1 (6)
 - Orphans (6)
 - Not networked (5)
 - Bridge not connected to nECY/nGWY

CONFERENCE ROOM #1

CONFERENCE ROOM #2

DAYLIGHT ZONE

SELECT - Click objects to add or shift click to remove them from selection

X:50.64 Y:74.61

DESIGN



1 Use the View tab to change information displayed in the design (labels, coverage patterns, etc.)

2 Product coverage patterns clipped to room perimeter

The screenshot displays the Visual Controls software interface. The top menu bar includes FILE, HOME, DESIGN, DRAW, MODIFY, and VIEW. The VIEW tab is active, showing toolbars for Coverage (Beams, Rings, Radio, Single), Labels (Move, Reset, Size), Product (Symbols, Scale, Labels, Tags, Zones, Switches, IDs), and Design (Rooms, Wire Lengths). A blue circle with the number '1' highlights the VIEW tab. The left sidebar shows a project tree with categories like Schedule, SOO, Design 1, Controls (47), Luminares (0), Rooms (14), Zones (1), and Pages. The main workspace shows a 3D view of a room layout with red lines representing coverage patterns and blue lines representing connections. A blue circle with the number '2' highlights a specific room. The right sidebar shows the Properties, Layers, and Audit (6) panels. The bottom status bar indicates 'SELECT - Click objects to add or shift click to remove them from selection' and coordinates 'X:71.24 Y:74.31'.

SCHEDULE



View device quantities

Add link to spec sheets

View CAT5 cable length and quantities

Export schedule to AGILE file for quoting

Visual Controls 1.4.3.10 - [cad background symbol colors.vsp] - [Schedule]

4

1

2

3

| Label | Symbol | Qty | Category | Catalog | Description | EM | Manufacturer | Spec Sheet |
|--------------|--------|-----|-------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------|---------------|
| BG1 | | 2 | Bridge | NBRG 8 KIT | Bridge, Kit | <input type="checkbox"/> | nLight | specsheet.pdf |
| DP1 | | 5 | Power Pack | NPP16 D | Power/Relay Pack, Occupancy Controlled Dimming | <input type="checkbox"/> | nLight | specsheet.pdf |
| OS1 | | 8 | Sensor | NCM 10 | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens | <input type="checkbox"/> | nLight | specsheet.pdf |
| PO1 | | 3 | Sensor | NCM 10 ADCX | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, Photocontrol w/ Auto Dimming; No Wires | <input type="checkbox"/> | nLight | Not Selected! |
| PP1 | | 16 | Power Pack | NPP16 | Power/Relay Pack | <input type="checkbox"/> | nLight | specsheet.pdf |
| SC1 | | 1 | System Controller | NECY MVOLT BAC ENC | nLight Eclipse, 120-277 VAC, BACnet, 14 1/4"H x 14 1/4"W x 4"D metal enclosure for ECLYPSE EnergySyte or nLight ECLYPSE. | <input type="checkbox"/> | nLight | Not Selected! |
| SW1 | | 3 | Switch | NPODM 2P XX | Low Voltage Push-Button Wallpod, 2-Pole | <input type="checkbox"/> | nLight | specsheet.pdf |
| SW2 | | 9 | Sensor | NWSX LV XX | Wall Switch Sensor, Low Voltage | <input type="checkbox"/> | nLight | specsheet.pdf |
| CAT5e | | | | | | | | |
| CAT5e | | 7 | | CATS 8FT | 8' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 1 | | CATS 10FT | 10' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 6 | | CATS 15FT | 15' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 4 | | CATS 20FT | 20' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 2 | | CATS 25FT | 25' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 8 | | CATS 30FT | 30' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 1 | | CATS 35FT | 35' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 7 | | CATS 50FT | 50' Pre terminated cable | <input type="checkbox"/> | | |
| CAT5e | | 3 | | CATS 75FT | 75' Pre terminated cable | <input type="checkbox"/> | | |

PAGES

Add pages with titleblock and your company logo

Insert scaled design drawing

2

1

The screenshot shows the Visual Controls software interface. The title bar reads "Visual Controls 1.4.3.10 - [cad background symbol colors.vsp] - [Page 2]". The interface includes a menu bar (FILE, PRINT, DRAW), a toolbar with various design tools, and a left-hand navigation pane. The navigation pane is expanded to show a tree view of the project structure, including "Design 1", "Controls (47)", "Rooms (14)", and "Pages". Under "Pages", "Page 2" is selected. A blue arrow labeled "1" points to "Page 2" in the navigation pane. The main workspace displays a detailed lighting layout for a building floor plan, with numerous light fixtures and their associated beam patterns. A blue arrow labeled "2" points to a specific fixture in the layout. On the right side of the workspace, there is a vertical titleblock containing the "AcuityBrands" logo, the text "Sample Project", and a table with project details. The status bar at the bottom indicates "1 object(s) selected", "X:-0.15", and "Y:10.37".



Automatically generate riser diagram pages from designs with “magic wand” button

Select Riser pages from Project Manager to view details

Visual Controls 1.4.3.10 - [cad background symbol colors.vsp] - [LC 2.2]

FILE PRINT DRAW

Select Design Drawing Crop Product Legend Wire Legend A4/DMX Network Room nAir Panel Schedules Product Lookup Switch Schedules Products S.O.O Notes Details Image PDF Page Size

Design 1

LC 2.0 LC 2.1 LC 2.2 x

10 Design 1 - BG1 A Port 5 - Conference
TO SCALE

1

2

11 Design 1 - BG1 A Port 6 - Room F
NOT TO SCALE

12 Design 1 - BG1 A Port 7 - Room G
NOT TO SCALE

Select page items to modify properties

1 object(s) selected X:13.35 Y:15.31

SUBMITTALS

From the File menu select Submittal

Check the pages to add to the submittal and click the Create button

PDF is created with title page, table of contents, designs and product spec sheets

Visual Controls 1.4.3.10 - [cad background symbol colors.vsp] - [Design 1]

Pages (38)

- Select All
- Cover
- Table of Contents
- Disclaimer
- Approval Worksheet
- Responses to Submittal Comments
- Project Notes
- Product Notes
- Services Warranty
- Onsite Service Request Form
- Bill of Materials (external)
- Bill Of Materials
- Sequence of Operations Matrix
- Sequence of Operations Narrative
- Supplemental
- Designs
- nLight Section
- Barcode Template
- Cutsheets

Bill Of Materials 5/29/2018

Project Name: Office Space
Project #: 18-5631
Location: Boulder, Colorado

| Label | Quantity | Catalog | Category | Description | Brand |
|-------|----------|--------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------|--------|
| BG1 | 2 | NBRG 8 KIT | Bridge | Bridge, Kit | nLight |
| DP1 | 5 | NPP16 D | Power Pack | Power/Relay Pack, Occupancy Controlled Dimming | nLight |
| OS1 | 8 | NCM 10 | Sensor | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens | nLight |
| PO1 | 3 | NCM 10 ADCX | Sensor | Low Voltage Ceiling Mount Sensor, Large Motion / Extended Range 360° Lens, Photocontrol w/ Auto Dimming; No Wires | nLight |
| PP1 | 16 | NPP16 | Power Pack | Power/Relay Pack | nLight |
| SC1 | 1 | NECY MVOLT BAC ENC | System Controller | nLight Eclipse, 120-277 VAC, BACnet, 14 1/4"H x 14 1/4"W x 4"D metal enclosure for ECLYPSE EnergySyte or nLight ECLYPSE | nLight |
| SW1 | 3 | NPODM 2P XX | Switch | Low Voltage Push-Button Wallpod, 2-Pole | nLight |
| SW2 | 9 | NWSX LV XX | Sensor | Wall Switch Sensor, Low Voltage | nLight |

Notes

Add Page Numbers

Create

2

3

2

Supported Control Products



sensorswitch



nLIGHT



nLIGHT AIR



fresco

