# AP1 Series
Acoustic Baffle

Pendant
NOT ILLUMINATED

Nulite's AP1 Regolo acoustic system combines high performance LED lighting with sound absorbing PET felt to dampen noise within a space while also introducing color and texture to the ceiling plane.

- *Hybrid PET felt and extruded aluminum fixture construction*
- *28 PET felt color and pattern options*
- *Tool free installation with engineered spring latch design*

8"(203 mm)
12"(305 mm)
16"(406 mm)

2 3/4"
(70 mm)
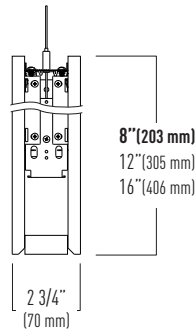
Standard Individual Fixture Lengths*

2' [609 mm]	
3' [914 mm]	
4' [1219 mm]	
5' [1524 mm]	
6' [1828 mm]	
7' [2133 mm]	
8' [2438 mm]	

* Dimensions represent fixture body length, add 1" for overall fixture dimension that includes both end caps

ORDERING INFORMATION / Example: AP1-UNLIT-8H-PW-T1W120-8

AP1

SERIES	FIXTURE HEIGHT	STANDARD FELT MATERIALS	MOUNTING			LINEAR ROWS
AP1-UNLIT - Unlit (Non-Illuminated) acoustical ceiling baffle	**8H**- 8"(203mm) **12H** -12"(305mm) **16H**-16"(406mm)	**PW** -Pewter **SL**- Slate *See page 4 to review 26 additional colors and patterns	**Ceiling Type** **T1**-Aircraft Cable to 1" Grid **T9**- Aircraft Cable to 9/16" Grid **TS**-Aircraft Cable to Slotted Grid **SR**-Aircraft Cable to Structure	**Mounting Hardware Finish** **W** -White Canopies and Cord **B**- Black Canopies and Cord	**Suspension Length** **048** - 48" Adjustable Aircraft Cable **120** - 120" Adjustable Aircraft Cable **240** - 240" Adjustable Aircraft Cable	**2** - 24" **3** - 36" **4** - 48" **5** - 60" **6** - 72" **7** - 84" **8** - 96" **XX** - Specify continuous run lengths in 1' increments

ACOUSTIC PERFORMANCE
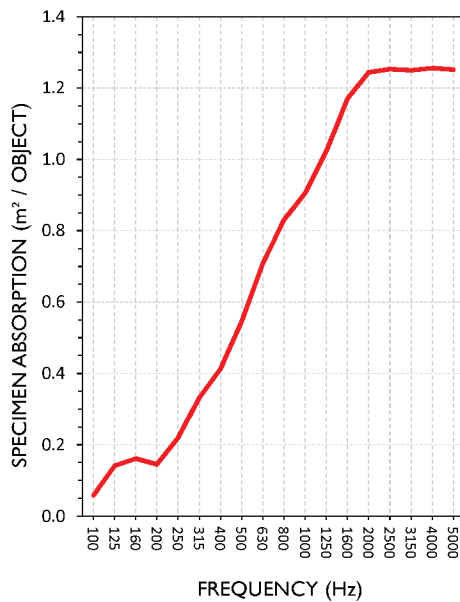
*Values vary depending on test frequency and fixture configuration. Please refer to specification
sheets for actual values.

DRIVER INFORMATION

NULITE CAT#	DRIVER MANUFACTURER / SERIES	DIMMING / CONTROL PROTOCOL	DIM RANGE	NOTES/ DESCRIPTION
D	Signify Xitanium, Osram OTI	0-10v	100% -1%	Standard Nulite driver, base fixture price
D0	Signify Xitanium, Osram OTI	0-10v	100%- 1% (Steps from 1% to 0% or OFF)	Standard Nulite driver, base fixture price
D02	Eldoled Solodrive	0-10v	100% - 0%	Logarithmic Dimmng Curve
L11	Lutron Hi-Lume Premier (PEQ0E) Max lumen package 03	0-10v	100% - 0.1%	Hi-lume Premier 0.1% EcoSyetem LED driver with Soft-on, Fade-to-Black dimming technology
L15	Lutron Hi-Lume Series (LDE1)	0-10v	100% - 1%	Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
ELE	Eldoled Ecodrive	DALI	100% - 1%	Logarithmic Dimming Curve
ELS	Eldoled Solodrive	DALI	100% -0%	Logarithmic Dimming Curve

CEILING MOUNTING DETAILS

ROW LAYOUT DETAILS

REFERENCE DIMENSIONS FOR AIRCRAFT CABLE FIXTURE SUSPENSION MOUNTS

23"(584mm)- **95"**(2413mm)*
1' increments (305mm)

24"(609mm)- **96"**(2438mm)
1' increments (305mm)

24"(609mm)- **96"**(2438mm)
1' increments (305mm)

Row "Starter" or "Individual"

Row "Mid"

Row "End"

Two aircraft cable mounts in first fixture

One aircraft cable mount in remaining fixtures in row

One aircraft cable mount in remaining fixtures in row

T1
15/16" Grid

T9
9/16" Grid

TS
Slot Grid
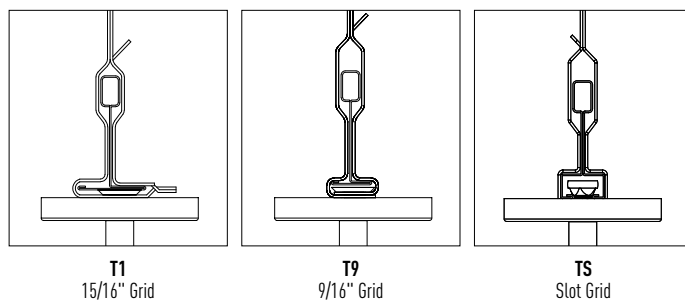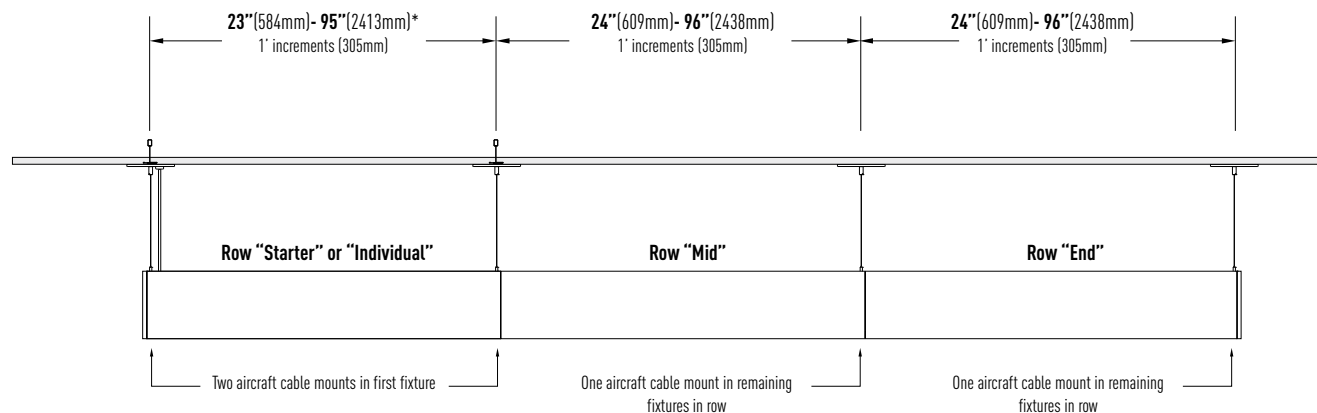
ACOUSTIC MATERIAL COLORS

STANDARD COLORS AND PATTERNS
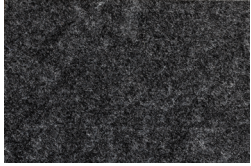
PW - Pewter

SL - Slate

PREMIUM COLORS AND PATTERNS

TA - Tar

PB - Pebble

CH - Chambray
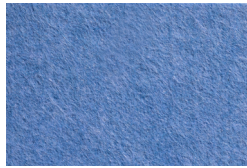
SK - Sky

FL - Fossil
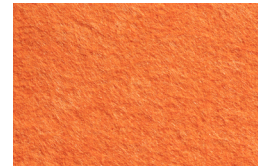
MN - Mandarin

CB - Cobalt

GG - Greige
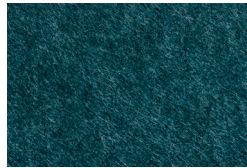
MA - Malachite

GR - Grass

SN - Sunshine

CD - Cadet
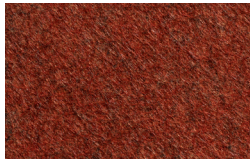
BR - Brick

OL - Olive

OC - Ochre
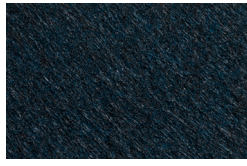
MD - Midnight

EU - Eucalyptus
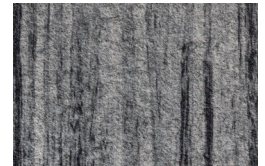
IB - Ironbark
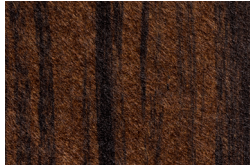
MR - Merbau

SG - Spotted Gum

BA - Bark

EC - Ecru

LN - Linen
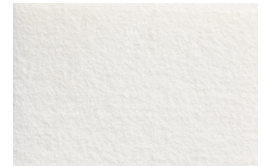
IV - Ivory

SM - Smoke
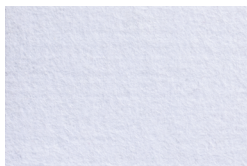
FR - Frost
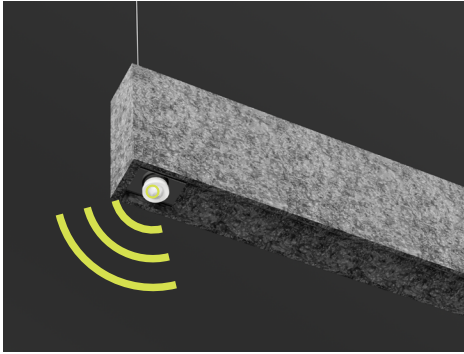
OEM Connected Lighting Partners

Nulite has formed strategic partnerships with premier OEM suppliers of smart lighting control platforms. Nulite's focus is primarily on embedded fixture level smart sensors and power supplies ensuring system operability and code compliance.

Benefits of an OEM Supplier

- Factory trained and certified to assemble and test product operability prior to shipment
- Authorized to purchase components, inventory on hand for shorter lead times compared to non-partners
- UL listed as an entire fixture assembly

Wavelinx (WLX)
Cooper Lighting Solutions

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
		Integral Sensor Options						**Nulite Compatible Product Lines**													
Wavelinx Ambient Integrated Sensor, 8-15ft (2.4-4.6m)	OEM-WAA	●			●	●	●	●	●	●	●	●									
Wavelinx Industrial Mount Sensor, White, up to 40ft (4.5 - 12.2m)	OEM-SWPD3-WH	●		●	●	●	●														●
Wavelinx Outdoor Fixture	OEM-SWPD5-WH/BK/BZ	●	●	●	●	●	●							●							

Additional Notes:
- Nulite is OEM certified and authorized to purchase and install Wavelinx components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: AP1-UNLIT-8H-PW-T1W120-8 This catalog designation merely identifies luminaires that require Wavelinx compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with Wavelinx on these items and build into the price accordingly.
- Nulite's standard 0-10v LED drivers are Signify Xitanium Series, and Osram Optotronic Series

nLight (NL)
Acuity Brands

LEARN MORE

Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	0-10v LEDcode*	DALI LEDcode*	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
		Integral Sensor Options								**Nulite Compatible Product Lines**													
Indoor Embedded 360° Motion Sensor	MSD PDT 7**	●						●	●	●	●	●	●	●									
Fixture embedded smartsensor	RES7	●		●			●	●	●	●	●	●	●	●									
Passive infrared occupancy sensor	nES7	●						●	●	●	●	●	●	●									
Dimming Photocell	nES ADCX	●						●		●	●	●	●	●									
nLight AIR Outdoor 360° Embedded Motion Sensor	rMSOD	●		●			●	●	●							●							
Fixture embedded smartsensor for challenging environments	rSBG	●		●		●	●	●	●							●							●
nLight AIR Fixture Mount Sensor	rLSXR	●			●	●	●	●															●

Additional Notes:
- Nulite is authorized to purchase and install nLight components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: AP1-UNLIT-8H-PW-T1W120-8 This catalog designation merely identifies luminaires that require NX compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with nLight on these items and build into the price accordingly.
- *Proprietary Acuity Brands LEDcode drivers are required for nLight system programming and operation.
- **The MSD PDT 7 is Nulite's standard wired integral fixture sensor

OEM Connected Lighting Partners

NX (NX)
Distributed Intelligence
Hubbell

LEARN MORE

Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
HubbNET Radio Module	NXRM-H	●			●			●	●	●	●	●									
Low Mount Indoor Sensor Module	NXSM-P-LMI	●			●	●	●	●	●	●	●	●									
OMNI Indoor/Outdoor Sensor Module	NXSM-P-OMNI-O	●		●	●	●	●							●							
Slide Mount Indoor Sensor Module	NSXM-P-SMI	●			●	●	●	●	●	●	●	●									
Low Mount Indoor/Outdoor Sensor Module	NXSM-P-LMO	●		●	●	●	●							●							
Low Mount Indoor/Outdoor Sensor Module, Aisle Lens	NXSM-P-LMO-4	●		●	●	●	●							●							
High Mount Indoor/Outdoor Sensor Module	NXSM-P-HMO	●		●	●	●	●														
High Mount Indoor/Outdoor Sensor Module, Aisle Lens	NXSM-P-HMO-4	●		●	●	●	●														

Additional Notes:
- Nulite is an OEM certified nX partner and authorized to purchase and install NX components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: AP1-UNLIT-8H-PW-T1W120-8 This catalog designation merely identifies luminaires that require NX compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with the Hubbell on these items and build into the price accordingly.
- Nulite's standard 0-10v LED drivers are Signify Xitanium Series, and Osram Optotronic Series
- ****The MSD PDT 7 is Nulite's standard wired integral fixture sensor**

Enlighted (Enl)
A Siemens Company

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
MicroSensor,2-wire Adaptor	KIT-SU-5E-D-*		●		●	●	●	●	●	●	●	●									
High Bay Sensor, 2-wire	SU-5S-2W-H-*		●		●	●	●														
Ruggedized High Bay, 2-wire, White	SU-5S-2W-HRW-*		●	●	●	●	●														
Ruggedized Low Bay, 2-wire, White	SU-5S-2W-LRW-*		●	●	●	●	●							●							

Additional Notes:
- Nulite is OEM certified and authorized to purchase and install Enlighted components into their luminaires. All products are fully tested at the factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: R1AS-8H-PW-T1-W-120-8**.** This catalog designation merely identifies luminaires that require Enlighted compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with the Enlighted on these items and build into the price accordingly.
- Standard eldoLED Solodrive DALI drivers with integral power supply will be supplied with Enlighted enabled luminaires

Vive (LV)
Lutron

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
Vive Integral Fixture Control with Sensor	DFCSJ-OEM-OCC		●		●	●	●	●	●	●	●	●									
Vive Integral Fixture Control (RF only)	DFCSJ-OEM-RF		●		●			●	●	●	●	●									

Additional Notes:
- Nulite is OEM certified and authorized to purchase and install Lutron components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: AP1-UNLIT-8H-PW-T1W120-8 This catalog designation merely identifies luminaires that require Lutron compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with the Lutron on these items and build into the price accordingly.
- Standard eldoLED Solodrive DALI drivers with integral power supply will be supplied with Enlighted enabled luminaires
- Recommended drivers for DFCSJ-OEM-OCC: Lutron Ecosystem, Osram Dexal DALI drivers, or Signify Xitanium DALI drivers
- ****The MSD PDT 7 is Nulite's standard wired integral fixture sensor**

PRODUCT SPECIFICATIONS AND INFORMATION

HOUSING CONSTRUCTION

Fixture body is constructed of powder coat painted extruded aluminum, formed sheet metal internal bracketing and sound absorbing recycled polyester (PET) felt. Captive joining mechanism is a combination die formed sheet metal and zinc plated spring steel. All hardware is stainless steel.

FIXTURE FINISHES

Mounting Hardware Canopies

Mounting hardware canopies are available in black or white consult factory for custom colors.

Acoustical Felt Material

Felt fixture material is available in two standard colors Pewter **(PW)**, or Slate **(SL)**. There are an additional 26 color options on page 4, consult factory for lead time and availability.

INSTALLATION AND MOUNTING

The R1A is designed to be pendant mounted by aircraft suspension cable in individual, continuous rows. The R1A may be specified to mount to acoustical grid ceilings, sheet rock, and structural ceiling surfaces. Refer to installation instructions at www.nulite-lighting.com for details.

FIXTURE LENGTHS - LINEAR ROWS

Standard fixture lengths for individual or continuous row mounting are available in exact 1'(305mm) increments from 2' (610mm) to 8' (2438mm). Consult factory for custom lengths, limitations apply.

WARRANTY

5-year limited warranty on LED and driver from date of shipment. Refer to the full warranty details on www.nulite-lighting.com/products/184.

WEIGHT

Fixtures are 1.45 lbs/ft, Driver box weights vary, consult factory.