

SENSE · PRODUCT DATA SHEET

# AS-PL

Sense Connected Panel Light · Interior

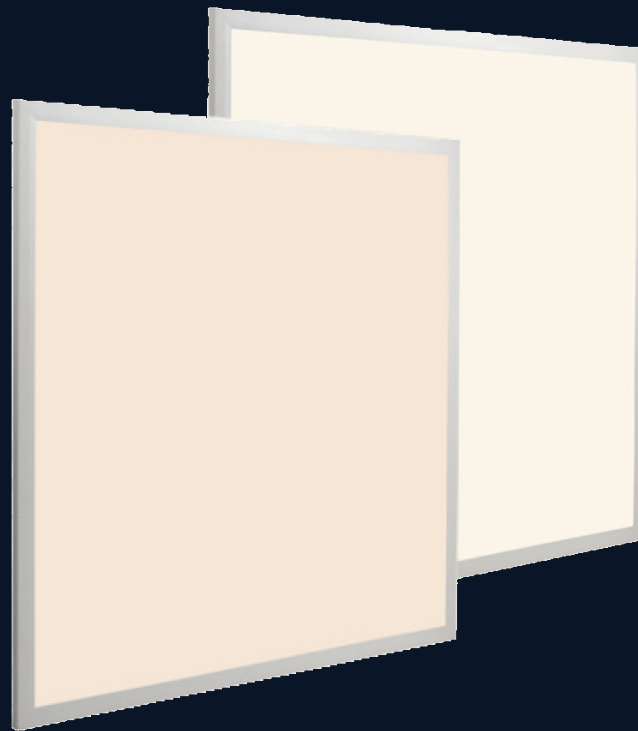
***Slim. Tunable. Mesh-native.***

Recessed LED panel light for offices, schools, healthcare, and retail. Native to the Sense Bluetooth mesh — every fixture is a node, every node a sensor. 40 W single platform, multiple CCT options including Dynamic White (3000 - 6000K). UGR-friendly diffusion in a 595 × 595 mm form factor.

120° NATIVE  
BEAMIP40 ·  
DRY/DAMP

DALI · SENSE

220-240VAC



AVAILABLE WITH\*

Sense™

## OPTICAL PERFORMANCE

# Two CCT modes.

*One panel. Static or Dynamic White.*

## 40W

### Static White

*Single CCT · factory-set*

Lumens · 5700K

**4,000 lm**

Available CCTs

**2700 / 3000 / 4000 / 5700K**

Native Beam

**120° (F - Native)**

CRI

**80 standard**

Efficacy

**100 lm/W typ**

Control

**DALI / On/Off**

Mesh

**Sense BLE · optional**

## 40W

### Dynamic White

*Tunable · 3000 - 6000K*

Lumens (mid CCT)

**4,000 lm**

Tuning Range

**3000 - 6000K**

Native Beam

**120° (F - Native)**

CRI

**80 standard**

Efficacy

**100 lm/W typ**

Control

**DALI / On/Off**

Mesh

**Sense BLE · optional**

## OPTICAL ACCESSORIES

CCT options: Static 2700K / 3000K / 4000K / 5700K · Dynamic White 3000 - 6000K

*Surface-mount and pendant kits available as accessories.*

## ELECTRICAL · ALL VARIANTS

Input Voltage	220-240VAC, auto-ranging, 50/60Hz
Power Consumption	40 W (typ. steady state)
Power Factor	>0.95 @ 220VAC
Surge	2kV maximum common (Gnd to L, Gnd to N)

MECHANICAL · ENVIRONMENT · COMPLIANCE

# Built for the ceiling.

Shared across both CCT modes.

## Mechanical

### Dimensions

595 × 595 × 11 mm  
(standard grid panel)  
23.4 × 23.4 × 0.4 in

### Weight

≈ 3.0 kg

### Housing

Aluminum frame  
White finish

### Lens

PMMA diffuser

### Connections

Integral lead

### Mounting

Recessed · Surface ·  
Pendant

## Environment

### Operating Temp

-20 to 45° C (-4 to 113° F)

### Startup Temp

-20 to 45° C (-4 to 113° F)

### Storage Temp

-40 to 80° C (-40 to 176° F)

### Ingress Rating

IP40 — Dry / Damp

### Impact

IK05

### Vibration

ANSI C136.31, 3G

### Humidity

0 - 95%, non-condensing

### Corrosion

ASTM B117 > 1,500 hrs

## Compliance

### Approbation

CE · CCC · DLC · ENEC

### Location

Dry · Damp (IP40)

### Standards

ISO 9001  
ENEC

### RoHS

Compliant

### Patent Portfolio

Protected by an 80+  
patent portfolio across  
US, EU, Asia

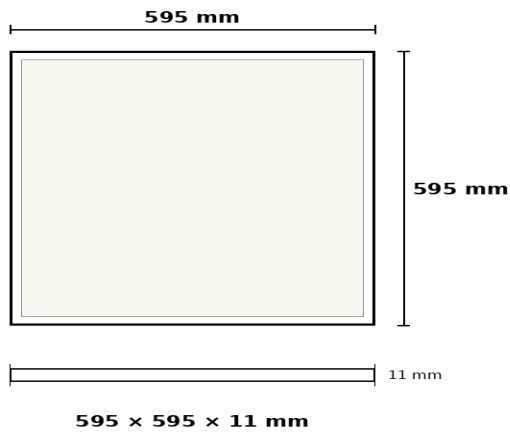
AVAILABLE WITH\*

# Sense™

# Geometry and output.

Single 595 × 595 mm panel · 40W reference (120° native, 5700K, 80CRI)

## Dimensions



All dimensions in mm. Detailed CAD drawings available on request.

## Photometrics

ASPL-40-F · 40W · 120° Native · 5700K · 80CRI

Beam Angle	<b>120°</b>
Lumens	<b>4,000 lm</b>
Input Power	<b>40 W</b>
Efficacy	<b>100 lm/W</b>
Peak Candela	<b>830 cd</b>

### ZONAL LUMEN SUMMARY

Zone (°)	Lumens	% Lum.
0-30	1,980	49.5
0-40	3,120	78.0
0-60	3,920	98.0
60-90	80	2.0
0-90	4,000	100.0

### CENTER BEAM · BEAM WIDTH

HEIGHT · FC / LX · BEAM Ø (m)

2.0 m	210 / 2260	6.9
2.5 m	133 / 1431	8.7
3.0 m	92 / 989	10.4
3.5 m	67 / 721	12.1
4.0 m	51 / 549	13.9

Full IES photometric files for each wattage and beam option available at [arco-illumination.com](http://arco-illumination.com) or on request.

## C O N T A C T

# Specify AS-PL.

### Singapore HQ

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