



CONFIGURABLE FIXTURE SIZE SPEC & DESIGN GUIDE



THE EXCHANGE AT 100 FEDERAL

Location: Boston, MA

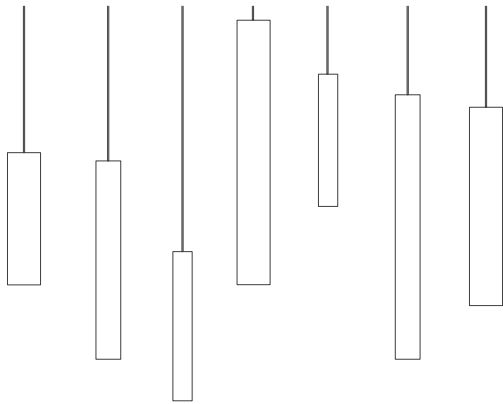
Photographer: Po-Yang Sung

CONFIGURABLE FIXTURE SIZE

Known for extremely configurable products, we've extended our standard offering by allowing designers to specify fixture size. Extended shell luminaires can be specified up to 48" tall in 3.5", 4.5" and 6.0" diameter, round and square shapes. With additional shell length, it is now possible to recess the optics to reduce glare and provide cutoff. Likewise, sconces can be configured with additional distance from the wall of up to 12 inches.

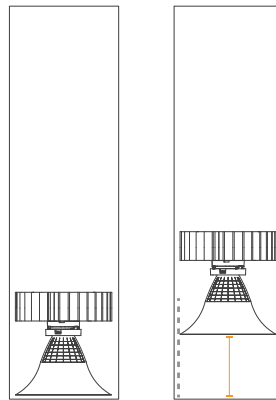
These capabilities allow sizing the scale of fixtures to complement any application.

EXTENDED SHELL LENGTH



Shell Length

User specified shell length in one inch increments



Optic Location

Standard or Recessed

NOTES

Overall height (OAH) limits:

- Up to 48" for pendant & surface mount
- Up to 30" for sconce
- Minimum length based on diameter

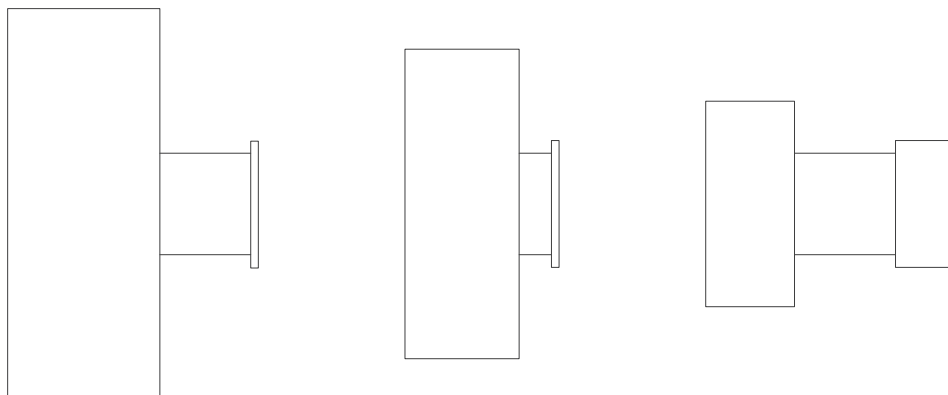
Supports the following products:

Direct Illumination

- CORE 3 & CORE/WL 3
- CORE 4 & CORE/WL 4
- CORE 6 & CORE/WL 6
- TILT 400 LX

Extended shell length allows for internal driver in CORE 3

EXTENDED SCONCE ARM



Distance from wall

User specified sconce protrusion in one inch increments

NOTES

Distance from wall (DFW) limits:

- Up to 12"
- Minimum length based on diameter

Supports the following products:

Direct Illumination

- CORE 3
- CORE 4
- CORE 6
- TILT 400 LX- SX

Optional deep canopy to hold LED driver. See data sheet for specific product model details

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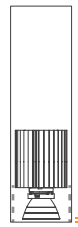
ORDERING LOGIC: EXTENDED SHELL LENGTH

EXTENDED SHELL LENGTH



OAH Overall Height (OAH)
 User specified shell length in one inch increments, up to 48" max
 For longer shell lengths - consult factory.
 Refer to table below for minimum shell lengths

OPTIC LOCATION



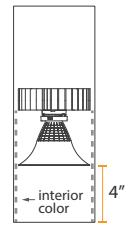
Standard
 Approximately 0.25" from bottom of fixture

SNN
 interior color = exterior color



Recessed
 Distance from bottom of fixture depends on shell diameter

RXX
 interior color = exterior color



RBK
 interior color = flat black

MODEL	MINIMUM OAH		MAXIMUM OAH
	STANDARD OPTIC	RECESSED OPTIC	STANDARD OR RECESSED OPTIC
PENDANT SURFACE MOUNT SCNCE CORE 3 CORE/WL 3	11"	15"	48"
CORE 3 CORE/WL 3 (internal driver)	15"	19"	48"
CORE 4 CORE/WL 4	15"	20"	48"
CORE 6 CORE/WL 6 TILT 400 LX	18"	24"	48"

CORE 3 | CORE 4 | CORE 6 for complete product specification, refer to product specification sheet

CRP3 – 20902725HL – N¹V00 – BABK/12 – AC² – NLT – EMB –
 ORDERING LOGIC PER SPECIFICATION SHEET

EXTENDED SHELL LENGTH

OAH## = Overall Height in inches*
 ## = Length in inches
 *See table for minimum and maximum shell height

OPTIC LOCATION

SNN = Standard
RXX = Recessed w/ shell color interior*
RBK = Recessed w/ black interior*

Example: CORE 3 Round Pendant Direct Illumination

CORE/WL 3 | CORE/WL 4 | CORE/WL 6 for complete product specification, refer to product specification sheet

CRP6/WL – 20902740HL – NV10 – TBBK/12 – AC² – EMB –
 ORDERING LOGIC PER SPECIFICATION SHEET

EXTENDED SHELL LENGTH

OAH## = Overall Height in inches*
 ## = Length in inches
 *See table for minimum and maximum shell height

OPTIC LOCATION

SNN = Standard
RXX = Recessed w/ shell color interior*
RBK = Recessed w/ black interior*

Example: CORE/WL 6 Round Pendant Direct Illumination

TILT 400 LX³ for complete product specification, refer to TILT 400 LX specification sheet

L4LP – NVD – 20832740 – BABK/12/AC² – EMB –
 ORDERING LOGIC PER SPECIFICATION SHEET

EXTENDED SHELL LENGTH

OAH## = Overall Height in inches*
 ## = Length in inches
 *See table for minimum and maximum shell height

Example: TILT 400 LX Pendant

¹Internal drivers are available for CORE 3 and CORE/WL 3 extended shells. Requires an additional 4" over the minimum shell lengths. See table above.
²Aircraft cable suspensions are required for all extended shell pendants.
³Recessed optic location option is not available for TILT.
 *Optical accessories are not available for recessed optic locations.

ORDERING LOGIC: EXTENDED SCONCE ARM - LX

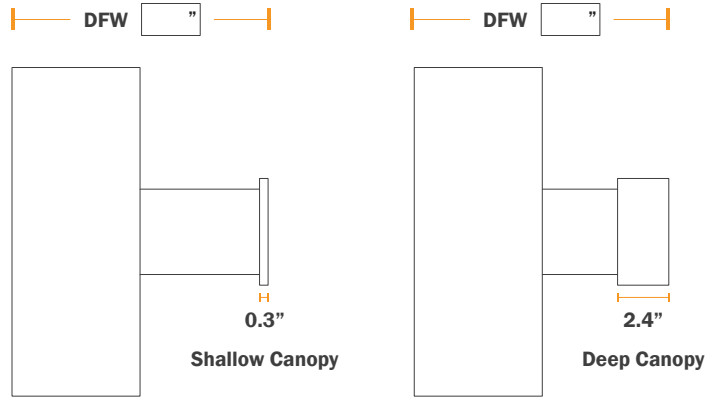
DISTANCE FROM WALL

Distance from Wall - Sconce

User specified sconce protrusion in one inch increments, up to 12" max

Refer to table below for minimum distance from wall

Sconce arm and canopy aligned at center of fixture



MODEL	MINIMUM DFW		MAXIMUM DFW
	SHALLOW CANOPY	DEEP CANOPY	SHALLOW OR DEEP CANOPY
SCONCE			
CORE 3	4"	7"	12"
CORE 4	6"	8"	12"
CORE 6 TILT 400 LX	7"	9"	12"

CORE 3 | CORE 4 | CORE 6 for complete product specification, refer to product specification sheet

CRS6 – 20902725HL – RV00 – BA – NLT – EMB –

ORDERING LOGIC PER SPECIFICATION SHEET

Example: CORE 6 Round Sconce Direct Illumination

EXTENDED SCONCE ARM

DFW## = Distance from wall in inches*

= Length in inches

*See table for minimum and maximum sconce arm length

TILT 400 LX³ for complete product specification, refer to TILT 400 LX specification sheet

L4LS – NVD – 20832740 – BA – EMB –

ORDERING LOGIC PER SPECIFICATION SHEET

Example: TILT 400 LX Sconce

EXTENDED SCONCE ARM

DFW## = Distance from wall in inches*

= Length in inches

*See table for minimum and maximum sconce arm length

ORDERING LOGIC: EXTENDED SCONCE ARM - SX

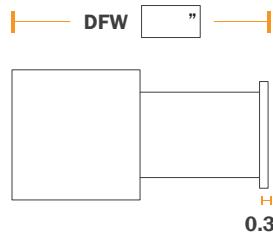
DISTANCE FROM WALL

Distance from Wall - Sconce

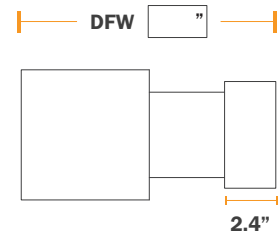
User specified sconce protrusion in one inch increments, up to 12" max

Refer to table below for minimum distance from wall

Sconce arm and canopy aligned at center of fixture



Shallow Canopy



Deep Canopy

MODEL	MINIMUM DFW		MAXIMUM DFW
	SHALLOW CANOPY	DEEP CANOPY	SHALLOW OR DEEP CANOPY
TILT 400 SX	7"	9"	12"

TILT 400 SX for complete product specification, refer to TILT 400 SX specification sheet

EXTENDED SCONCE ARM

L4SS – RVD – 20832740 – BA – EMB –

ORDERING LOGIC PER SPECIFICATION SHEET

DFW## = Distance from wall in inches*

= Length in inches

*See table for minimum and maximum sconce arm length

Example: TILT 400 SX Sconce

Technical Support

Visit our website for more details: www.alwusa.com

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Phone: 1.510.489.2530 (Option 4)

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