

# FLUXWERX®

## SPECIFICATION DATA

## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

## CATALOG #

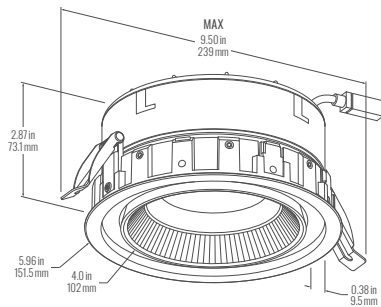
## PROJECT

## NOTES

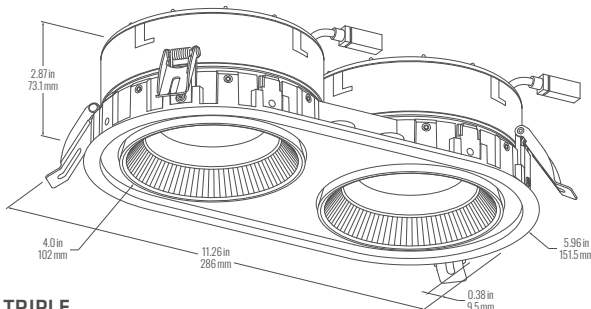
### DIMENSIONS

Round Trim Flange version.

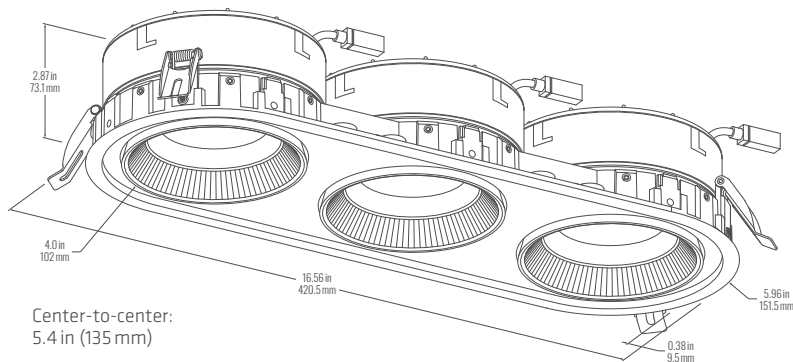
#### (S4) 4" SINGLE



#### (D4) 4" DOUBLE



#### (T4) 4" TRIPLE

Center-to-center:  
5.4 in (135 mm)

### PERFORMANCE FOCUS

Per Light Module, Adjustable, Medium Beam, 80 CRI 3500 K

	Energy (W)	Light (lm)	Efficacy (lm/W)	Certified
B	9 W	800	97	ENERGY STAR TITLE 24 JA8 (90 CRI) (Pending)
C	14 W	1200	95	
D	18 W	1600	93	
E (Fixed)	22 W	2000	94	

Color Matching (SDCM)	Lumen Maintenance (hr)	
	L80 per TM21	L70 Estimate
< 2	> 54,000	> 140,000

Preliminary nominal values, refer to back pages for full performance data.

### FEATURES

- 1, 2 or 3 light recessed multiple with fixed or adjustable light modules.
- 3" or 4" open center optic – reflector replaced by source.
- Anidolic Extraction Optics™ generate a visually comfortable, precisely controlled light distribution in a narrow (30°), medium (40–45°) or fixed wide beam (60°).
- Optional drop center delivers a bolder ring of light appearance.
- Round or square trims with drywall trimless, millwork and IC housing options for a wide range of ceilings & aesthetics.
- Tailored multiple version allows mixed optics, finishes & 2-circuit wiring for more complex applications.
- Medium & wide beam UGR < 19, narrow beam < 16.
- A variety of CRI, CCT and output choices as well as dim-to-warm control.

Declare.



# SPECIFICATION DATA

## SPEAK RECESSED MULTIPLE 4"

### (SK1Mx4 | SK1Lx4)

#### CATALOG NUMBER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	OPTIONS	CONTROLS
SK1																		

Extra features for Tailored Version

#### ORDER GUIDE

1 FAMILY	2 VERSION	3 SIZE	4 HOUSING	5 TRIM
SK1 Speak	M Recessed Multiple L Tailored Multiple	S4 4" Single <sup>1</sup> D4 4" Double T4 4" Triple  <sup>1</sup> Tailored version only applies to Double & Triple.	A New Construction E Retrofit H Insulation Contact Housing <sup>2</sup> R Remote Driver <sup>2</sup> T Remote Driver - Retrofit C Chicago CCEA Housing <sup>2</sup> V Chicago CCEA - Remote Driver <sup>2</sup>  <sup>2</sup> New construction, includes rough-in mount.	C1 Round Trim Flange C2 Round Drywall Trimless C3 Round Millwork Edge Q1 Square Trim Flange Q2 Square Drywall Trimless Q3 Square Millwork Edge

6 FINISH <sup>3</sup>	7 LIGHT MODULE <sup>5</sup>	8 BEAM SPREAD	9 CRI	10 CCT	11 MODULE ENERGY <sup>7</sup>
TRIM   SURROUND <sup>4</sup>   LIGHT MODULE B Black Powdercoat S Metallic Silver Powdercoat W White Powdercoat C Custom Color (RAL)	D Fixed - Drop Center R Fixed - Recess Center J Adjustable  <sup>5</sup> For Single Fixed, use Recessed Downlight. Contact Fluxwerx for max # of Fixed per Housing type per Module Energy.	N1 Narrow (30°) M1 Medium (40° 45°) W1 Wide (60°) <sup>6</sup>  <sup>6</sup> Wide beam only with Fixed Light Module.	8 80 CRI 9 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K A1 Dim-to-Warm 2700-2200K A2 Dim-to-Warm 3000-2200K A3 Dim-to-Warm 3500-2200K	B 9 W C 14 W D 18 W E 22 W (Fixed) <sup>8</sup>  <sup>7</sup> Add 2 W for BP or 347 V. <sup>8</sup> Add 2 W when Non-IC Housing for Thermal Switch.

12 DRIVER	13 VOLTAGE	OPTIONS	CONTROLS
F1 Non-Dim F2 0-10 V Dim 3% F4 Line Voltage Dim (Fwd/Rev) 3% 120 V E1 eldoLED ECO 0-10 V Dim 1% E2 eldoLED SOLO 0-10 V Dim 0.1% E3 eldoLED ECO DALI-2 DT6 Dim 1% E4 eldoLED SOLO DALI-2 DT6 Dim 0.1% L1 Lutron Hi-Lume 1% EcoSystem (LDE1) L3 Lutron Hi-Lume Premier 0.1% EcoSystem (PEQ0) <sup>9</sup>	M 120-277 V 1 120 V <sup>10</sup> 2 277 V <sup>10</sup> 3 347 V  <sup>10</sup> Fixed voltage only for (F4) line dim driver or nLight controls.	A 2 Circuit Wiring <sup>11</sup> B Battery Pack <sup>12</sup> F 6' Flex Whip (not CCEA) H Emergency Switch (GTD) <sup>12</sup>  <sup>11</sup> Separate circuit for Module B. Energy difference requires 2nd circuit. <sup>12</sup> Detached, prewired BP or GTD. BP 120-277 V only. Phase Dim not for GTD.	TYPE & LOCATION <sup>13</sup> R Remote Sensor / Controller on Ceiling V Controller on Remote Enclosure  <sup>13</sup> Controls selection may be limited by version, protocol or other features – see Controls page.
			BRAND & PROTOCOL <sup>13</sup> N1 Acuity nLight Wired <sup>14,15</sup> N2 Acuity nLight Air rIO <sup>15</sup> N3 Acuity nLight Air RPP20 <sup>14,15</sup> L1 Lutron Athena Wireless M1 Legrand Wattstopper PLUS V1 Leviton Intellect Wireless  <sup>14</sup> nLight: Controller (V) only. <sup>15</sup> Remote Driver housing only.

#### EXTRA FEATURES FOR TAILORED VERSION

Tailored version is to specify differences in one of the Light Modules – can be placed in any module position.

14 LIGHT MODULE FINISH (B)	15 LIGHT MODULE (B)	16 BEAM SPREAD (B)	17 MODULE ENERGY (B)
B Black Powdercoat S Metallic Silver Powdercoat W White Powdercoat C Custom Color (RAL)	D Fixed - Drop Center R Fixed - Recess Center J Adjustable	N1 Narrow (30°) M1 Medium (40° 45°) W1 Wide (60°) <sup>16</sup>  <sup>16</sup> Wide beam only with Fixed Light Module.	B 9 W C 14 W D 18 W E 22 W (Fixed) <sup>17</sup>  <sup>17</sup> Add 2 W when Non-IC Housing for Thermal Switch.

## SPECIFICATION DATA

## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

### CEILING & TRIM

#### (S4) 4" SINGLE

(J) Adjustable Light Module shown

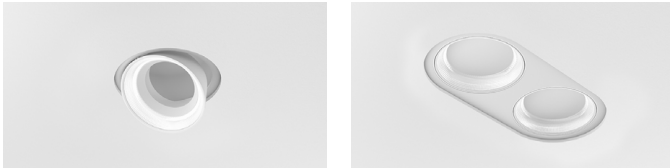
#### (D4) 4" DOUBLE OR (T4) TRIPLE

(D4) Double with (R) Fixed Recess Center shown

##### (C1) ROUND TRIM FLANGE (DRYWALL OR GRID)



##### (C2) ROUND DRYWALL TRIMLESS

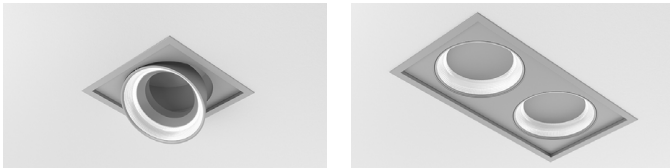


##### (C3) ROUND MILLWORK EDGE



(J) Adjustable Light Module shown

##### (Q1) SQUARE TRIM FLANGE (DRYWALL OR GRID)



##### (Q2) SQUARE DRYWALL TRIMLESS



##### (Q3) SQUARE MILLWORK EDGE



(J) Adjustable Light Module shown

### FINISHES

All finishes high temperature powder coat.

Trim, Surround and Light Module finish in any combination of Black, Metallic Silver, White or RAL color.

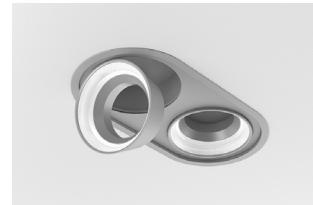
Examples of Double Round Adjustable with Trim Flange shown.



(BBB) BLACK TRIM, SURROUND, LIGHT MODULE



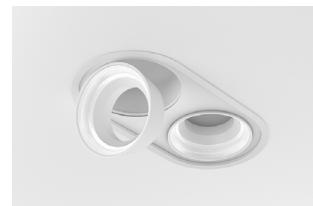
(BBW) BLACK TRIM & SURROUND, WHITE LIGHT MODULE



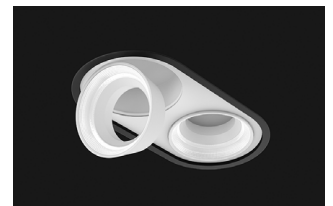
(SSS) SILVER TRIM, SURROUND, LIGHT MODULE



(WWB) WHITE TRIM & SURROUND, BLACK LIGHT MODULE



(WWW) WHITE TRIM, SURROUND, LIGHT MODULE



(BWW) BLACK TRIM, WHITE SURROUND & LIGHT MODULE



(C) CUSTOM



(WBB) WHITE TRIM, BLACK SURROUND & LIGHT MODULE



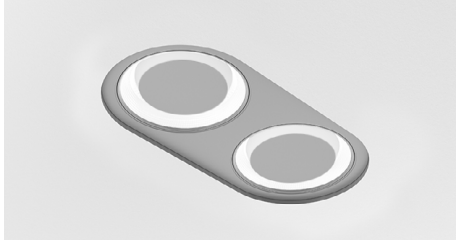
(WBW) WHITE TRIM, BLACK SURROUND, WHITE LIGHT MODULE

## SPECIFICATION DATA

### SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

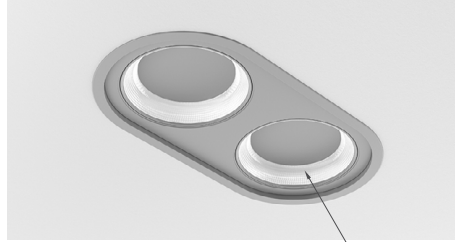
#### LIGHT MODULE

(D) FIXED – DROP CENTER

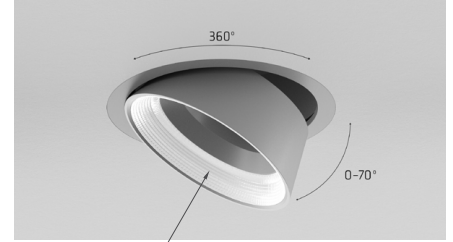


(D4) Double with (C2) Round Drywall Trimless shown

(R) FIXED – RECESS CENTER



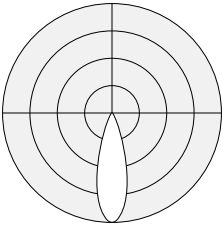
(J) ADJUSTABLE



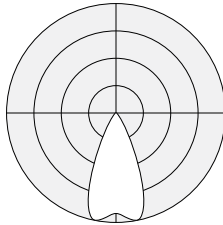
**ANIDOLIC EXTRACTION OPTICS™**  
ELIMINATES REFLECTOR

#### DISTRIBUTIONS

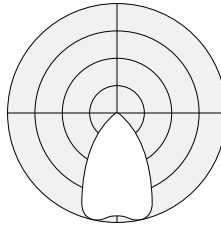
(N1) Narrow Beam (30°)



(M1) Medium Beam (40°)

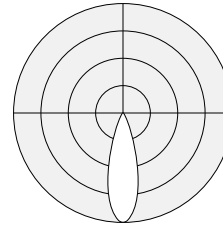


(W1) Wide Beam (60°)

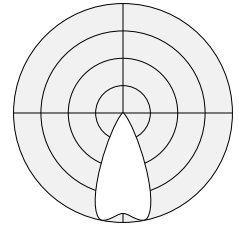


(D,R) FIXED – DROP | RECESS CENTER

(N1) Narrow Beam (30°)



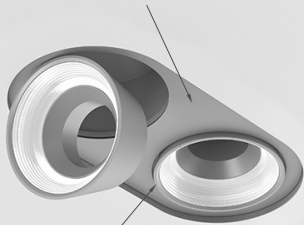
(M1) Medium Beam (45°)



(J) ADJUSTABLE

#### LIGHT MODULE POSITIONING

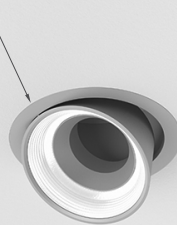
**DOUBLE & TRIPLE ADJUSTABLE**  
SURROUND SET BACK 0.2" (5 mm)  
OPTIC FLUSH WITH CEILING



**TAILORED**  
ONE SPECIALIZED LIGHT MODULE CAN  
BE PLACED IN ANY LOCATION

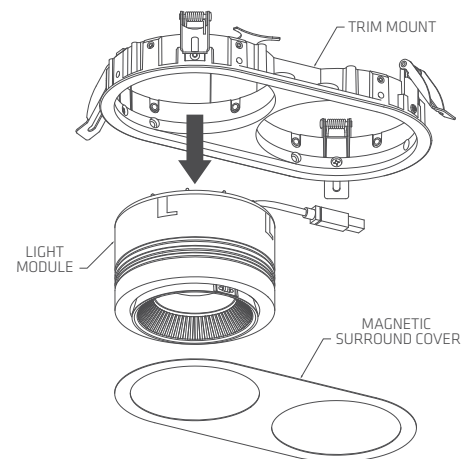
TYPICAL – OPTIC FLUSH WITH CEILING

**SINGLE ADJUSTABLE**  
EITHER OPTIC OR SURROUND  
FLUSH WITH CEILING

SINGLE ADJUSTABLE OPTION –  
SURROUND FLUSH WITH CEILING

#### REMOVABLE LIGHT MODULE

**To remove Light Module:** Adjustable: Pull down on optic.  
Fixed: Push up on center and release.



SPECIFICATION DATA  
**SPEAK RECESSED MULTIPLE 4"**  
**(SK1Mx4 | SK1Lx4)**

### CEILING INTEGRATION – TRIM

Ceiling thickness: 0.04 in (1 mm) – 1.5 in (38 mm), e.g. acoustic tile, GWB. Millwork: 0.68 in (16 mm) – 1.5 in (38 mm).

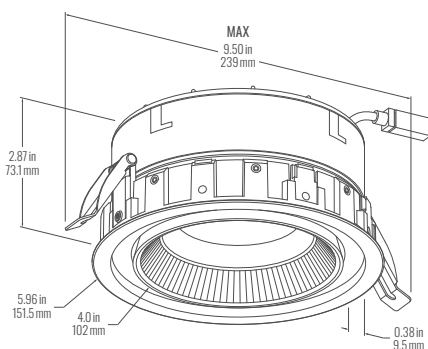
Minimum plenum height (from finished ceiling plane): 4.0 in (102 mm).

(A,R) New Construction or (E,T) Retrofit, (J) Adjustable Light Module shown.

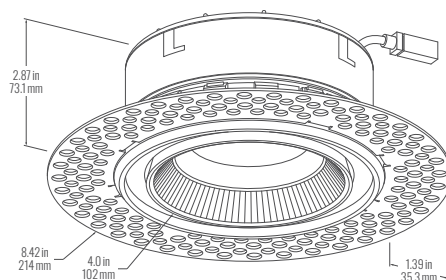
#### (S4) 4" SINGLE

(C1) ROUND TRIM FLANGE (DRYWALL OR GRID)

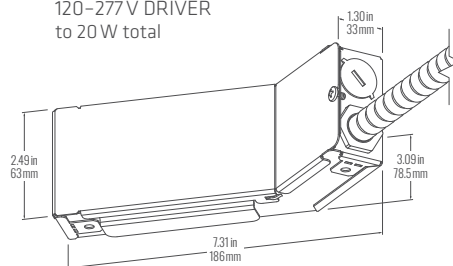
**Cutout diameter: 5.75 in (146 mm)**



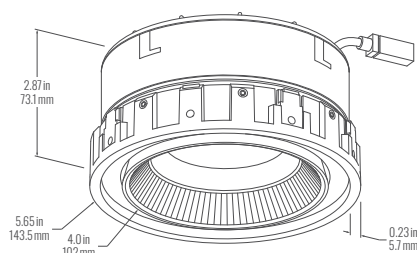
(C2) ROUND DRYWALL TRIMLESS



120-277 V DRIVER  
to 20 W total

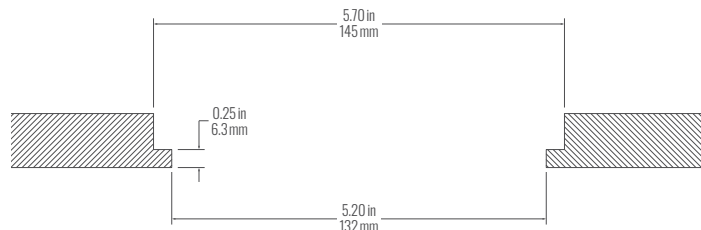


(C3) ROUND MILLWORK EDGE



PLENUM SIDE COUNTERBORE INSTALL

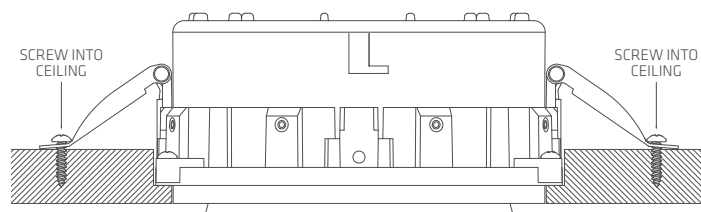
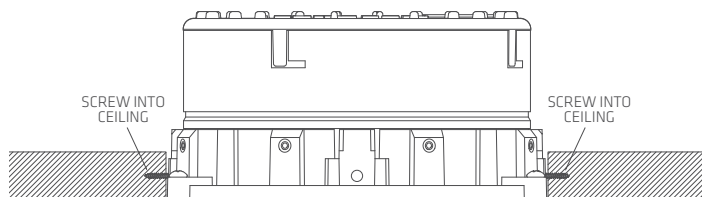
Panel thickness: 0.38"–1.5"



ROOM SIDE (THROUGH HOLE) INSTALL

**Cutout diameter: 5.68 in (144 mm)**

Panel thickness: 0.68 in – 1.5 in





## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

### CEILING INTEGRATION – TRIM

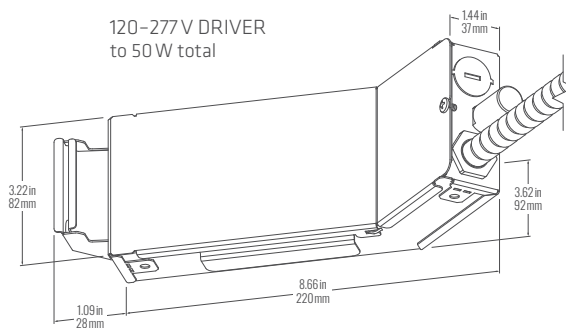
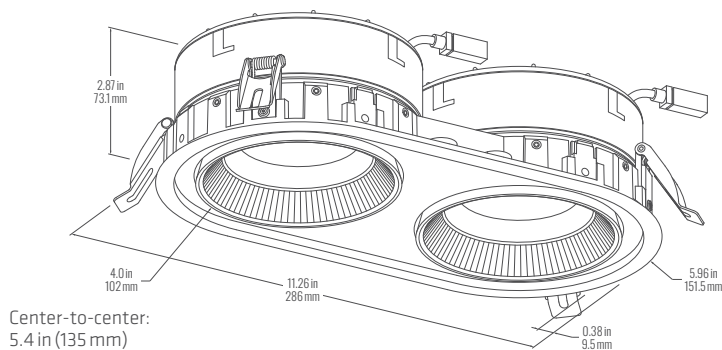
Ceiling thickness: 0.04 in (1 mm) – 1.5 in (38 mm), e.g. acoustic tile, GWB. Millwork: 0.68 in (16 mm) – 1.5 in (38 mm).

Minimum plenum height (from finished ceiling plane): 4.0 in (102 mm).

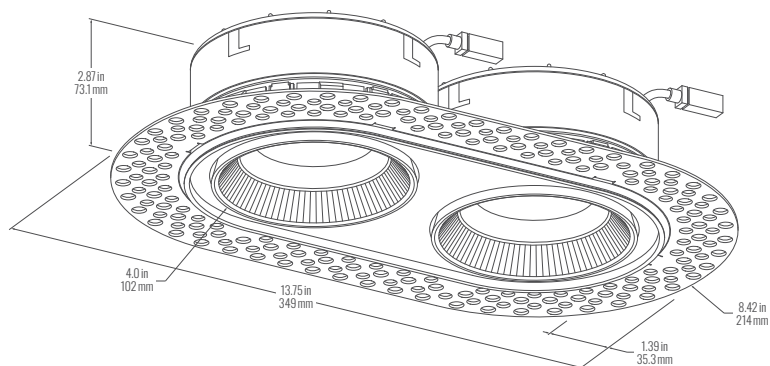
(A,R) New Construction or (E,T) Retrofit, (J) Adjustable Light Module shown.

### (D4) 4" DOUBLE

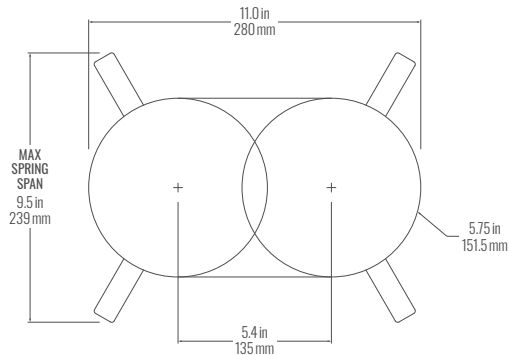
#### (C1) ROUND TRIM FLANGE (DRYWALL OR GRID)



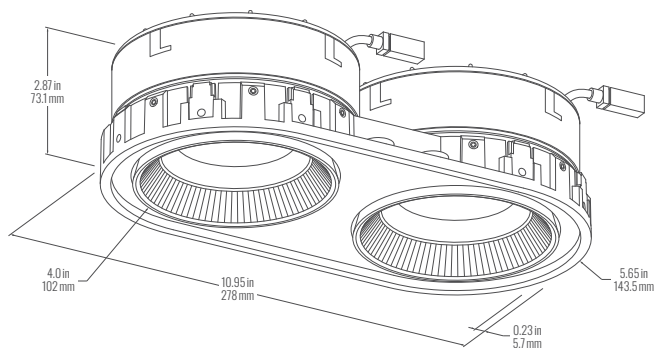
#### (C2) ROUND DRYWALL TRIMLESS



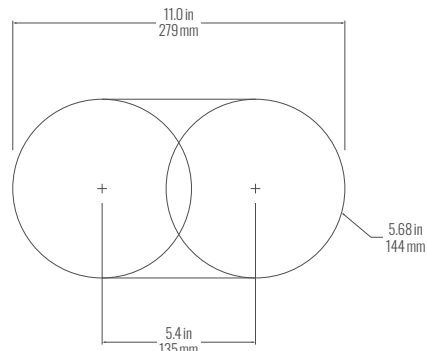
#### CEILING CUTOUT (for C1 Trim and C2 Trimless)



#### (C3) ROUND MILLWORK EDGE



#### CEILING CUTOUT



## SPECIFICATION DATA

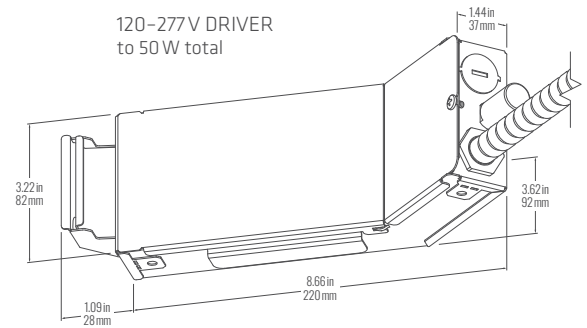
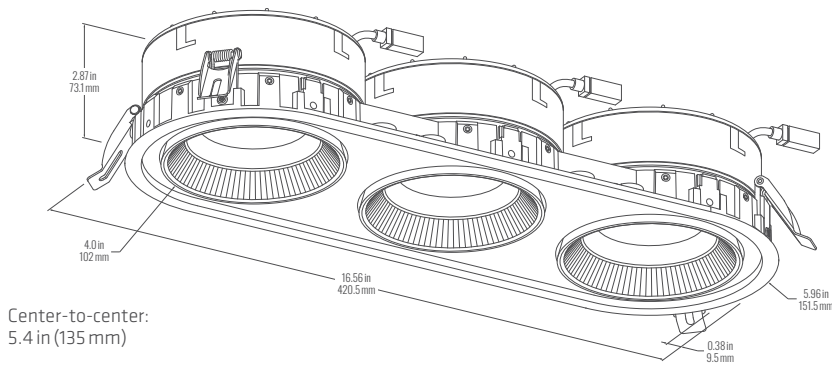
## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

### CEILING INTEGRATION – TRIM

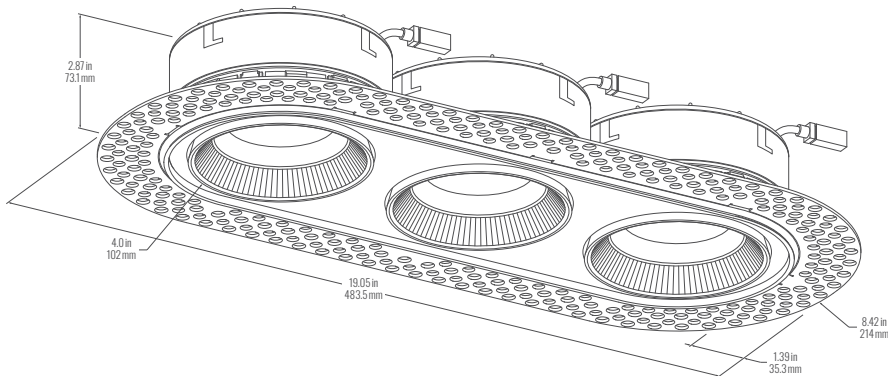
Ceiling thickness: 0.04 in (1 mm) – 1.5 in (38 mm), e.g. acoustic tile, GWB. Millwork: 0.68 in (16 mm) – 1.5 in (38 mm).  
Minimum plenum height (from finished ceiling plane): 6.0 in (152 mm).  
(A,R) New Construction or (E,T) Retrofit, (J) Adjustable Light Module shown.

### (T4) 4" TRIPLE

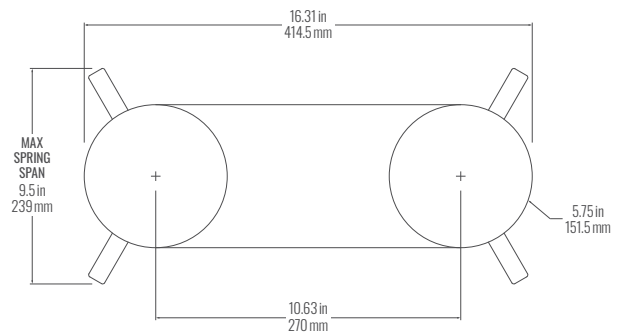
(C1) ROUND TRIM FLANGE (DRYWALL OR GRID)



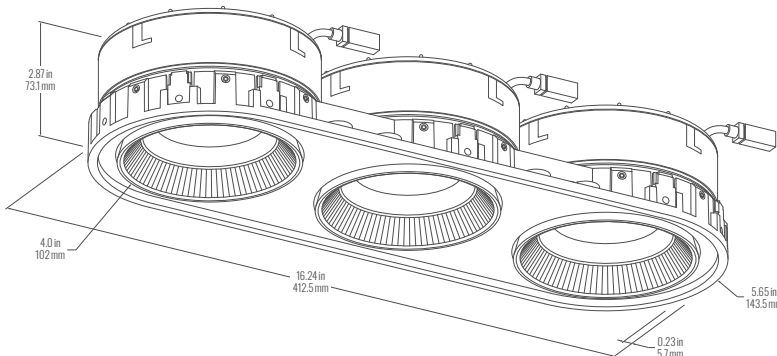
(C2) ROUND DRYWALL TRIMLESS



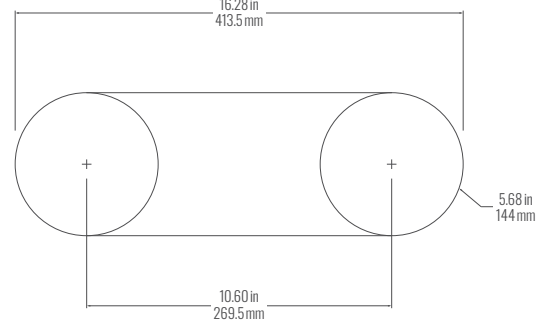
CEILING CUTOUT  
(for C1 Trim and C2 Trimless)



(C3) ROUND MILLWORK EDGE



CEILING CUTOUT



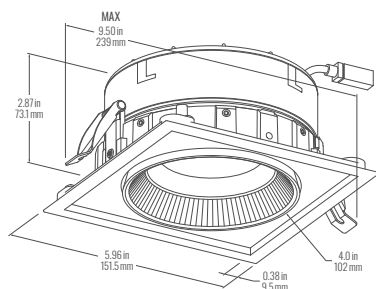
## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

### CEILING INTEGRATION – TRIM

Ceiling thickness: 0.04 in (1 mm) – 1.5 in (38 mm), e.g. acoustic tile, GWB. Millwork: 0.68 in (16 mm) – 1.5 in (38 mm).  
Minimum plenum height (from finished ceiling plane): 4.0 in (102 mm) for < 20 W total; 5.0 in (127 mm) for > 20 W total.  
(A,R) New Construction or (E,T) Retrofit, (J) Adjustable Light Module shown.

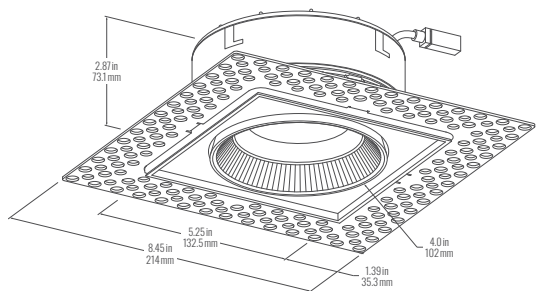
#### (S4) 4" SINGLE

Cutout: 5.75 in (146 mm) square



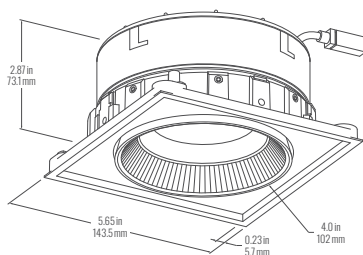
(Q1) SQUARE TRIM FLANGE  
(DRYWALL OR GRID)

Cutout: 5.75 in (146 mm) square



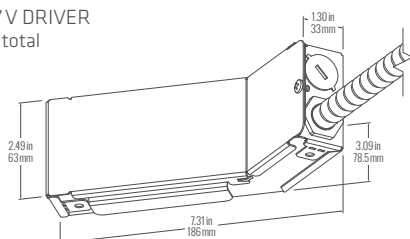
(Q2) SQUARE DRYWALL  
TRIMLESS

Cutout: 5.68 in (144 mm) square



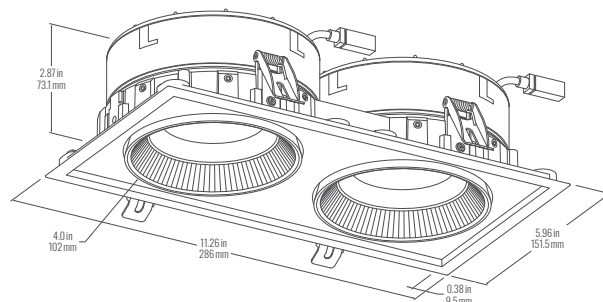
(Q3) SQUARE MILLWORK EDGE

120–277 V DRIVER  
to 20 W total

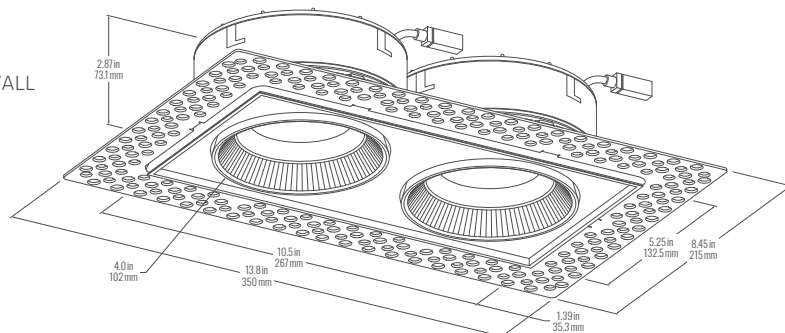


#### (D4) 4" DOUBLE

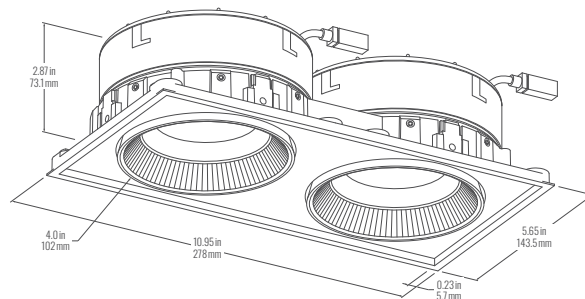
Cutout: 5.75 in (146 mm) x 11.0 in (280 mm) rectangle



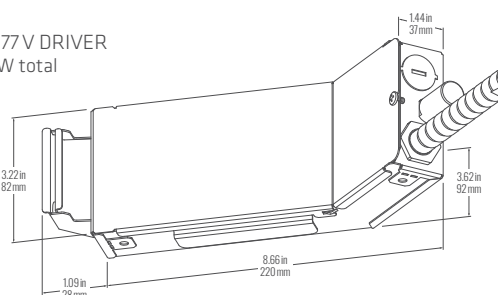
Cutout: 5.75 in (146 mm) x 11.0 in (280 mm) rectangle



Cutout: 5.68 in (144 mm) x 11.0 in (279 mm) rectangle



120–277 V DRIVER  
to 50 W total





## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

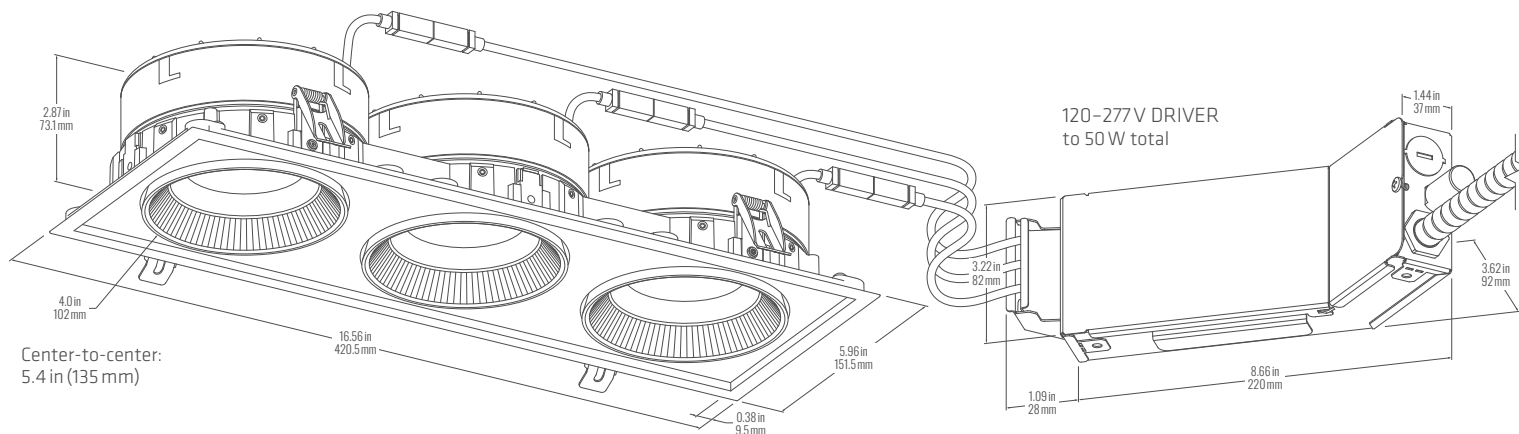
### CEILING INTEGRATION – TRIM

Ceiling thickness: 0.04 in (1 mm) – 1.5 in (38 mm), e.g. acoustic tile, GWB. Millwork: 0.68 in (16 mm) – 1.5 in (38 mm).  
Minimum plenum height (from finished ceiling plane): 4.0 in (102 mm) for < 20 W total; 5.0 in (127 mm) for > 20 W total.  
(A,R) New Construction or (E,T) Retrofit, (J) Adjustable Light Module shown.

#### (T4) 4" TRIPLE

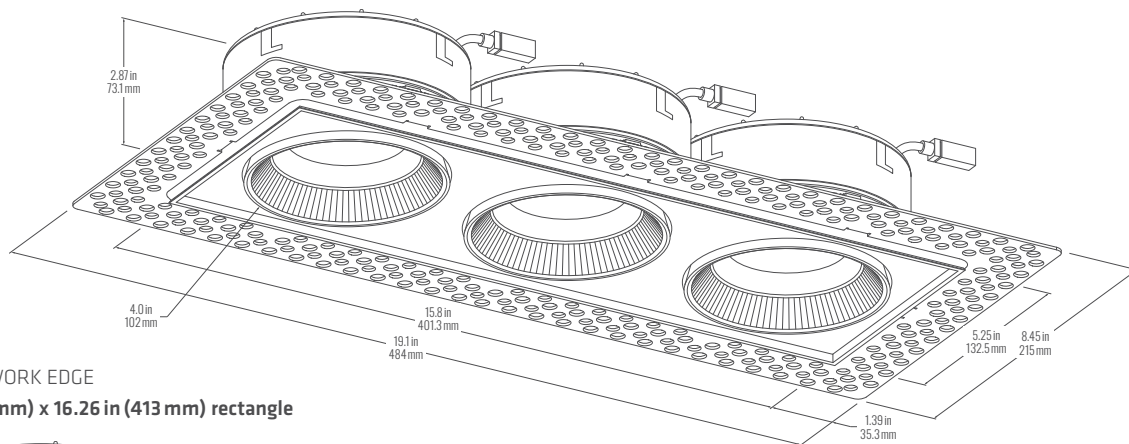
(Q1) SQUARE TRIM FLANGE (DRYWALL OR GRID)

Cutout: 5.75 in (146 mm) x 16.30 in (414 mm) rectangle



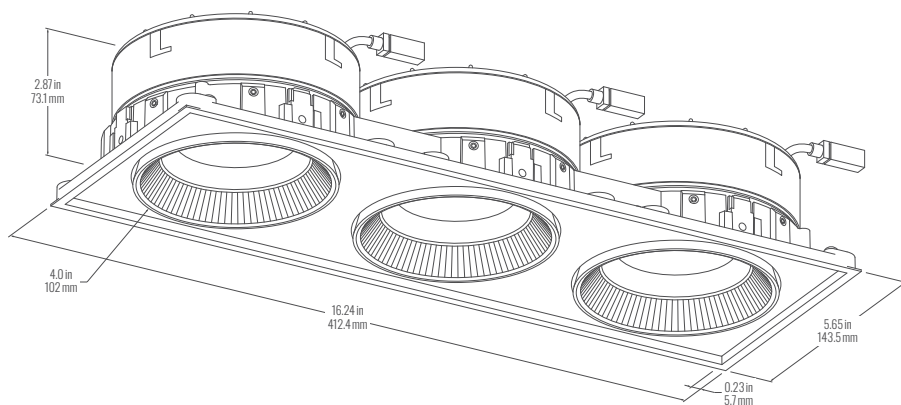
(Q2) SQUARE DRYWALL TRIMLESS

Cutout: 5.75 in (146 mm) x 16.30 in (414 mm) rectangle



(Q3) SQUARE MILLWORK EDGE

Cutout: 5.68 in (144 mm) x 16.26 in (413 mm) rectangle



# SPECIFICATION DATA

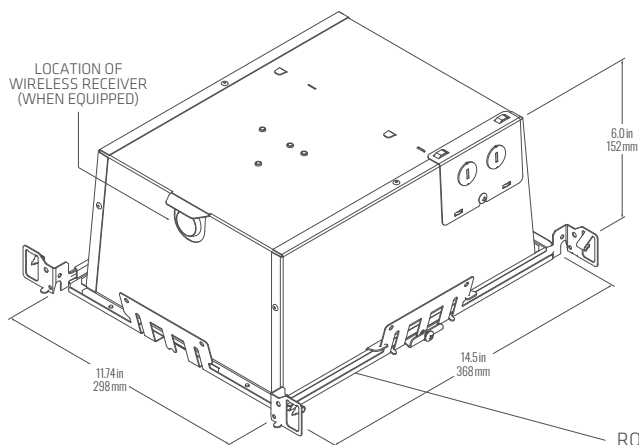
## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

### CEILING INTEGRATION – (H) INSULATION CONTACT or (C,V) CHICAGO CCEA HOUSING

Ceiling thickness: 0.04 in (1 mm) – 1.5 in (38 mm), e.g. acoustic tile, GWB. Millwork: 0.68 in (16 mm) – 1.5 in (38 mm).  
Minimum plenum height (from top of ceiling plane): 6.25 in (158 mm).

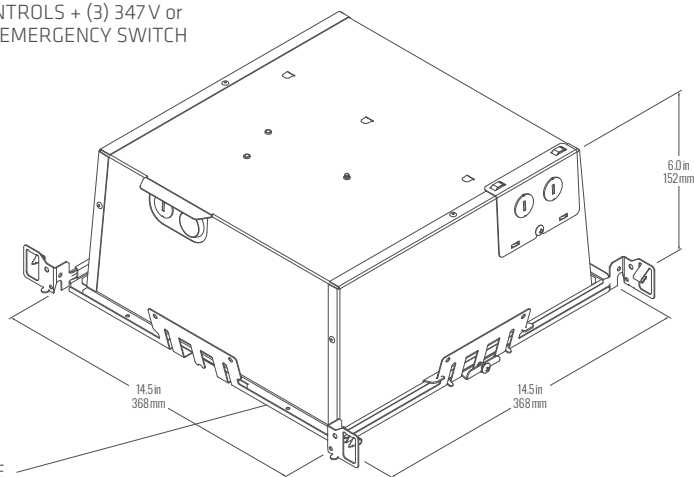
#### (S4) 4" SINGLE

120–277 V



#### (D4) 4" DOUBLE

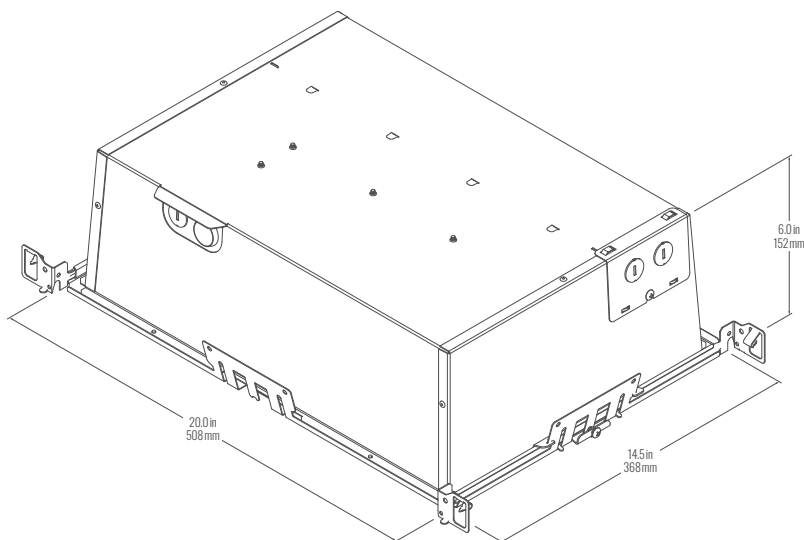
Also for (S4) " Single with  
– (B) BATTERY PACK  
– CONTROLS + (3) 347 V or  
(H) EMERGENCY SWITCH



ROUGH-IN FRAME  
See later section for details.

#### (T4) 4" TRIPLE

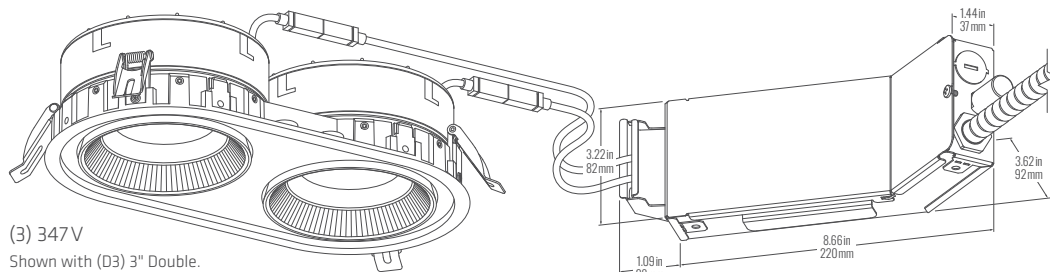
Also for (D4) 4" Double with  
(B) BATTERY PACK + CONTROLS



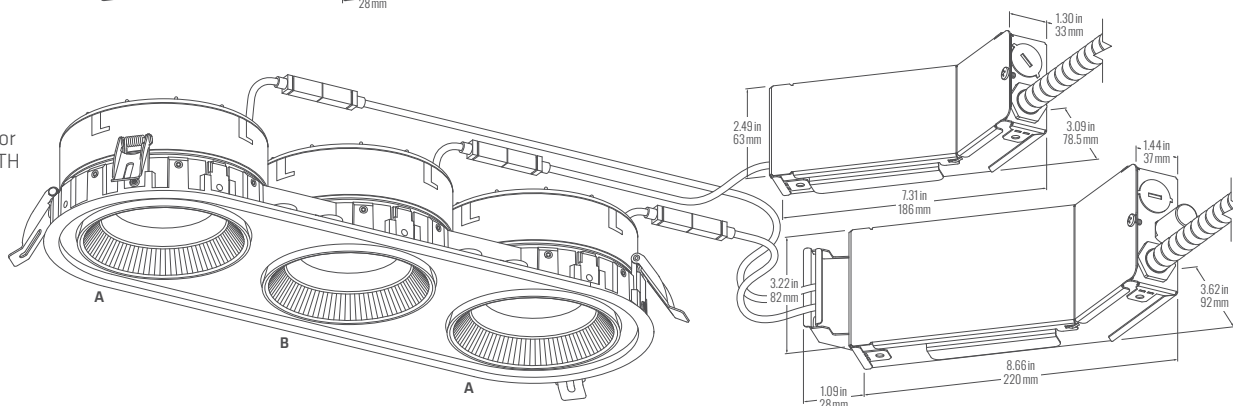
SPECIFICATION DATA  
**SPEAK RECESSED MULTIPLE 4"**  
**(SK1Mx4 | SK1Lx4)**

### CEILING INTEGRATION – DRIVER ENCLOSURE

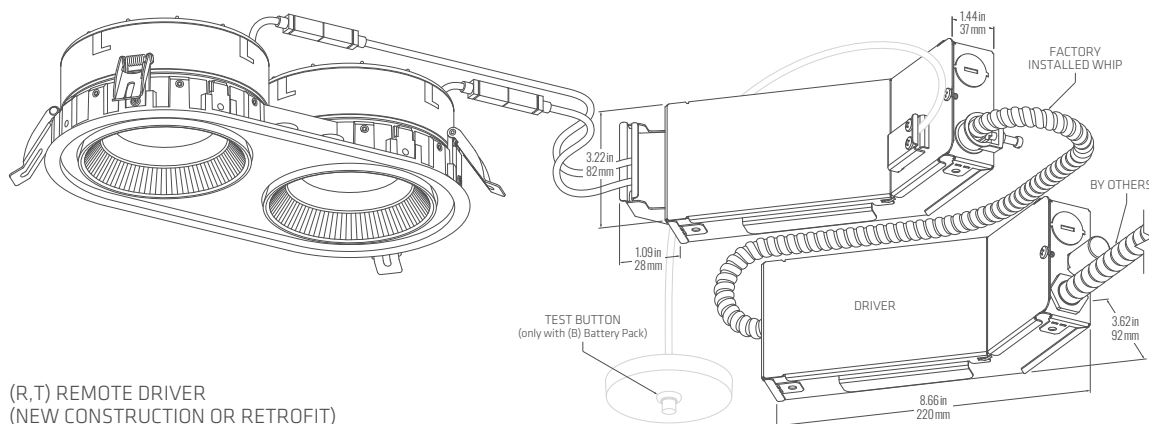
Minimum plenum height (from finished ceiling plane): 5.0 in (127 mm). Shown with (D4) 4" Double.



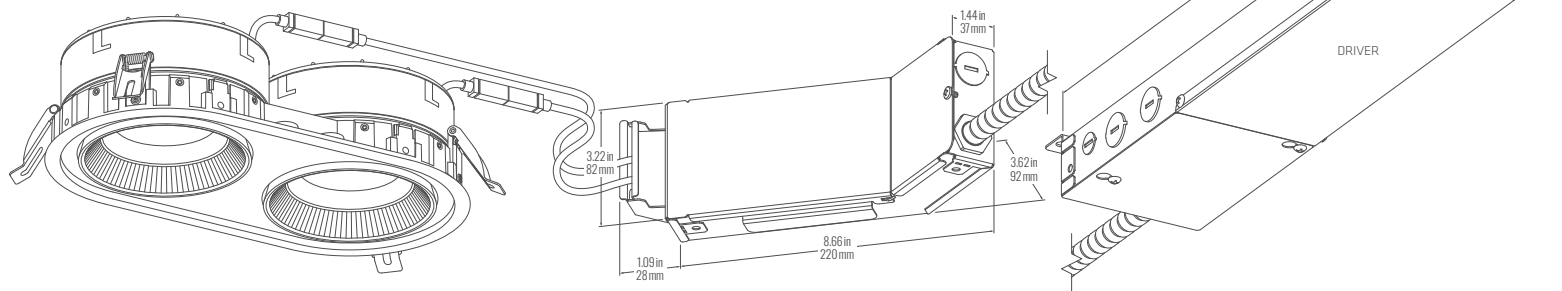
(A) 2 CIRCUIT WIRING OPTION or  
 (SK1L) TAILORED VERSION WITH  
 2 ENERGY LEVELS  
 Shown with (T3) 3" Triple.



(H) EMERGENCY SWITCH  
 (B) BATTERY PACK  
 Shown with (D3) 3" Double.



(R,T) REMOTE DRIVER  
 (NEW CONSTRUCTION OR RETROFIT)  
 Shown with (D3) 3" Double.

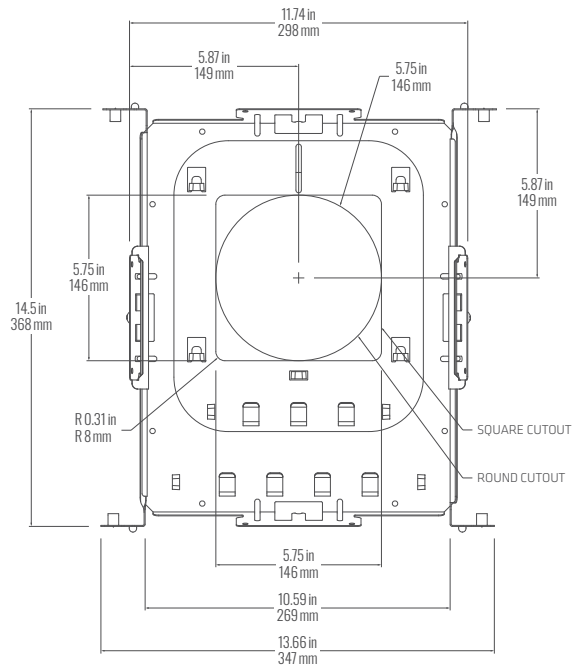


## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

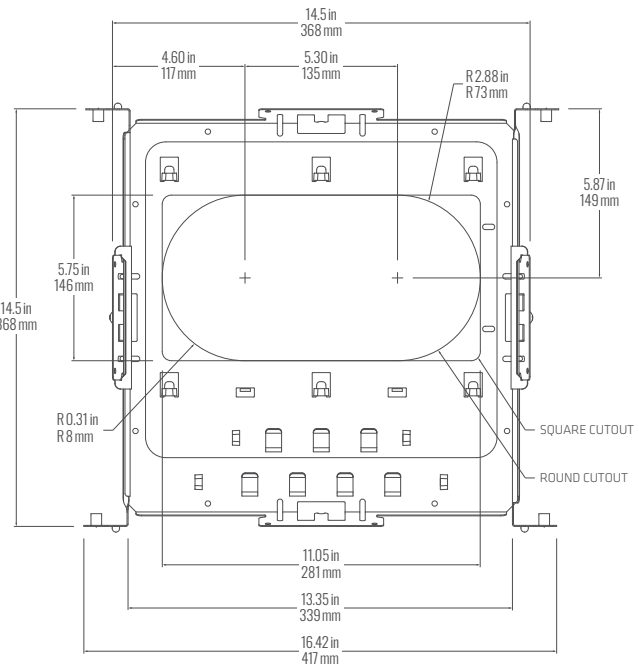
### CEILING INTEGRATION – ROUGH-IN FRAME

Rough-in frame included with new construction housing options.

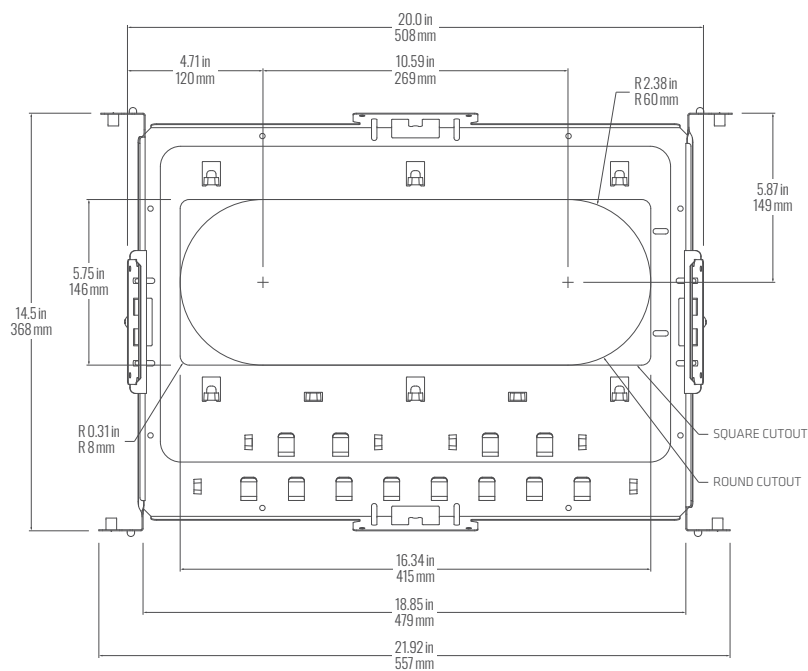
#### (S4) 4" SINGLE



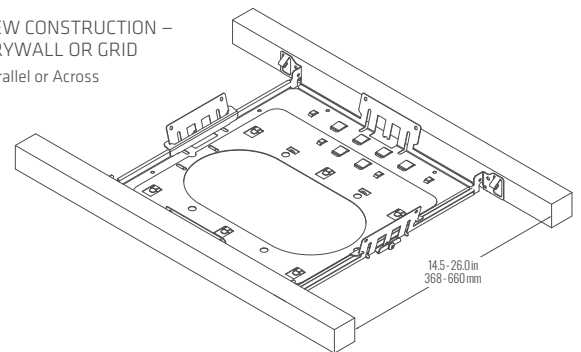
#### (D4) 4" DOUBLE



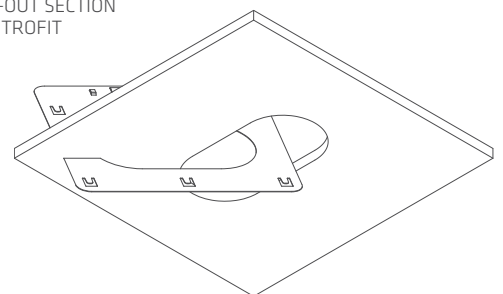
#### (T4) 4" TRIPLE



NEW CONSTRUCTION –  
DRYWALL OR GRID  
Parallel or Across



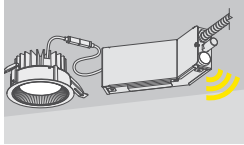
KNOCK-OUT SECTION  
FOR RETROFIT



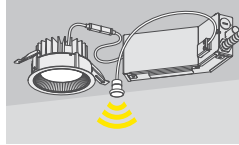
SPECIFICATION DATA  
**SPEAK RECESSED MULTIPLE 4"**  
**(SK1Mx4 | SK1Lx4)**

## CONTROLS &amp; SENSORS

## LUMINAIRE INTEGRATION



**V**  
 Controller on  
 Enclosure/Plenum Side

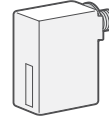


**R**  
 Sensor,  
 Remote/on Ceiling

**(N1)** Acuity  
 nLight Wired



nLight wired, digital network.  
 Model: nPS-80-EZ or nPS-80-EZ-ER  
 (with **H** – Emergency Switching)

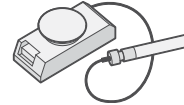


**VN1** nLight Wired Controller, Enclosure/Plenum Side

**(N2, N3)** Acuity  
 nLight Air



Acuity nLight wireless network  
 interfaces.  
 Models: rIO, rPP20

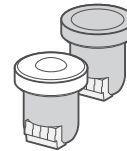


**VN2** nLight rIO Controller, Enclosure/Plenum Side  
**VN3** nLight rPP20 Controller, Enclosure/Plenum Side

**(L1)** Lutron  
 Athena



Lutron Athena wireless smart  
 controllers & sensors.  
 Models: A-WN-D01-RF, A-WN-D01-OCC  
 For RL1: Default Athena color to match trim color  
 Trim      Athena  
 WH      WH  
 SV      BK  
 BK      BK  
 For VL1: default WH

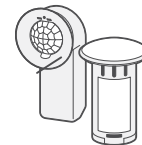


**VL1** Athena Controller, Enclosure/Plenum Side  
**RL1** Athena Sensor, Remote/on Ceiling

**(M1)** Legrand  
 Wattstopper  
 PLUS



Wattstopper PLUS wireless smart  
 controllers & sensors.  
 Models: ZBHA-CLM, EN-CLM-PIR

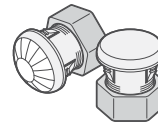


**VM1** Wattstopper PLUS Control Module,  
 Enclosure/Plenum Side  
**RM1** SensiLUM Sensor, Remote/on Ceiling

**(V1)** Leviton  
 Intellect



Leviton Intellect wireless smart  
 controllers & sensors.  
 Models: ZL0x0, ZL0xS



**VV1** Intellect Controller, Enclosure/Plenum Side  
**RV1** Intellect Sensor, Remote/on Ceiling

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 CONTROLS

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CASAMBI

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 Due to continuous product improvements, specifications and dimensions are subject to change without notice.  
 Certain options have limited compatibility with some other product selections. Consult www.fluxwerx.com for most current technical information.

Spec-Fluxwerx-Speak-Recess-Multiple-4in-na-en | 2025-08



## SPECIFICATION DATA

### SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

#### NOTES

##### CONSTRUCTION

- Architectural grade aluminum and 22 ga. steel housings
- Housings suitable for new build or retrofit installation in grid, GWB or millwork ceilings
- White, metallic silver or black textured powdercoat standard finishes

##### OPTICAL

- Anidolic optical structures
- Precision molded high transmittance clear acrylic lenses
- Long life LED system designed for typical TM21 lumen maintenance  $\geq$  L80 @ 54,000 h
- Available in 2700 K, 3000 K, 3500 K, 4000 K with CRI  $\geq$  80 and R9  $\geq$  0, or CRI  $\geq$  90 and R9  $\geq$  50, all with color accurate binning  $\leq$  2 SDCM

##### INDEPENDENT TESTING

- IESNA LM79
- IESNA LM80 (LED @ 9,000 h)

##### ELECTRICAL

- Detached high efficiency drivers for 50–60 Hz, 120–277V with transformer for 347V
- Power Factor  $> 0.9$ 
  - Driver F1, F2, F4
  - Driver E1–E4, Energy C–E
  - Driver L1, Energy D–E
- Total Harmonic Distortion  $< 20\%$  Driver E1–E4, Energy C–E  $< 23\%$  Driver F1, F2, F4
- Dim level: Standard 3%, optional 1% or 0.1%
- Optional Battery Pack delivers 7W Class 2 rated output for 90 min. See Family Performance for estimated emergency output
- Optional GTD (Generator Transfer Switch), 120–277V, disables 0–10 V control during emergency for full light output
- Optional flex whip: 6' pre-wired
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

##### WIRE GAUGE

- Recommended low voltage wire gauge (AWG) for minimal losses over distance when REMOTE mounting:
  - 30 ft | 18 ga
  - 100 ft | 14 ga

##### ENVIRONMENTAL & CARE

- Designed for use in dry or damp indoor locations with ambient temperatures of 0–30°C (32–86°F)
- The luminaire may be damaged by chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the area of operation or in cleaning products. Damage from contaminants is not covered under warranty.
- Not suitable for natatorium environments, e.g. swimming pools, hot tubs and saunas.
- Clean only by wiping with a slightly water-damp, soft, clean cloth.

##### WEIGHT

- Light Module & Trim
  - Single: 2.0 lbs (0.9 kg)
  - Double: 4.4 lbs (2.0 kg)
  - Triple: 6.6 lbs (3.0 kg)
- Driver Enclosure
  - 120–277V up to 20 W, no options: 1.3 lbs (0.6 kg)
  - 120–277V up to 50 W, no options: 1.7 lbs (0.8 kg)
  - With Controls / 347V / GTD: 2.6 lbs (1.2 kg)
  - Up to 75 W total / 2 Circuit / Battery Pack (7 W): 4.0 lbs (1.8 kg)



##### WARRANTY



- 5 year limited warranty on all components and workmanship

##### APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum (Housing)
- IC Rated (Housing)
- Energy Star (90 CRI versions) *Pending*
- Title 24 JA8 (90 CRI versions) *Pending*
- Living Building Challenge (LBC) Approved

#### DRIVERS + EMERGENCY

STANDARD DRIVER OPTIONS	
<b>OPTOTRONIC®</b> <b>ADVANCE</b> 	<b>F1</b> Non-Dim <b>F2</b> 0–10 V Dim 3% <b>F4</b> Line Voltage Dim 3% (Forward/Reverse) 120 V
<b>eldoLED®</b>	<b>E1</b> eldoLED ECO 0–10 V Dim 1% <b>E2</b> eldoLED SOLO 0–10 V Dim 0.1% <b>E3</b> eldoLED ECO DALI-2 DT6 Dim 1% <b>E4</b> eldoLED SOLO DALI-2 DT6 Dim 0.1%
	<b>L1</b> Lutron Hi-Lume 1% EcoSystem (LDE1) <b>L3</b> Lutron Hi-Lume Premier 0.1% EcoSystem (PEQ0)

EMERGENCY OPTIONS	
 	<b>B</b> Battery Pack Iota ILBLP 7W <b>H</b> Emergency Switching Functional Devices ESR/LBC Emergency Lighting Relay

Driver and emergency selection may be limited by product or version.  
For further options, contact Fluxwerx.

# SPECIFICATION DATA

## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

### FAMILY PERFORMANCE

#### COLOR

80 CRI	4000 K	3500 K	3000 K	2700 K
Color Rendering (CRI)	81	83	82	83
Red Index (R9)	0	1	2	4
Fidelity (TM-30 R <sub>f</sub> )	83	84	84	86
Gamut (TM-30 R <sub>g</sub> )	94	95	95	95
Color Matching (SDCM)	< 2			

90 CRI	4000 K	3500 K	3000 K	2700 K
Color Rendering (CRI)	92	93	93	93
Red Index (R9)	55	57	57	58
Fidelity (TM-30 R <sub>f</sub> )	89	90	90	92
Gamut (TM-30 R <sub>g</sub> )	96	97	97	97
Color Matching (SDCM)	< 2			

Typical CRI and R9 values.



#### LUMEN MAINTENANCE

	B 9 W	C 14 W	D (Fixed) 18 W
L80 per TM-21 (hr)	> 54,000		
L70 Estimate (hr)	> 140,000		

#### OUTPUT MULTIPLIERS

MULTIPLIER		Applies To
90 CRI	0.88	All 80 CRI
Battery Pack	0.99	B Energy (9 W)
Dim to Warm	0.60	2700 K, 3000 K, 3500 K

WIDE BEAM with	Recess Center	Drop Center
Black Finish	0.97	0.95
Silver Finish	0.98	0.96

For 90 CRI, dim-to-warm fixtures or emergency BP, use multipliers to scale published Light (lm), Efficacy (lm/W), Intensity (Cd) or Luminance (Cd/m²).

### SPACING GUIDE – 4" ADJUSTABLE

#### 4" Adjustable, 3500 K, 80 CRI – per Light Module

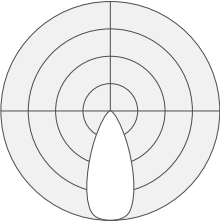
CONFIGURATION	DISTANCE FROM SOURCE	BEAM DIAMETER (ft)	B 9 W	C 14 W	D 18 W	OUTPUT MULTIPLIERS (for Illuminance, Beam Intensity)	
			ILLUMINANCE AT CENTER (fc)			CCT	Multiplier
SK1Mx4-JM1835 4" Medium Beam 3500 K	3 ft	2.8	125	188	250	2700 K	0.92
	6 ft	5.6	31	47	62	3000 K	0.98
	9 ft	8.4	14	21	28	3500 K	1.00
	12 ft	11.2	8	12	16	4000 K	1.03
	Center Beam Intensity (cd)		1,123	1,692	2,247		
SK1Mx4-JN1835 4" Narrow Beam 3500 K	3 ft	2.2	198	299	397		
	6 ft	4.4	50	75	99		
	9 ft	6.6	22	33	44		
	12 ft	8.7	12	19	25		
	Center Beam Intensity (cd)		1,785	2,687	3,569		

## SPEAK RECESSED MULTIPLE 4" (SK1Mx4 | SK1Lx4)

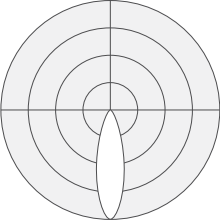
### VERSION PERFORMANCE – 4" ADJUSTABLE

1 Light Module, White Finish, 80 CRI

#### 4" Adjustable, Medium Beam

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
SK1Mx4-JM1840 4000 K	B	9 W	835	8.3	100.6	78	15.7	 <p>4" Adjustable Medium Beam</p>
	C	14 W	1258	12.9	97.5	118	17.2	
	D	18 W	1670	17.5	95.4	156	18.1	
SK1Mx4-JM1835 3500 K	B	9 W	810	8.3	97.6	76	15.6	
	C	14 W	1220	12.9	94.6	114	17.0	
	D	18 W	1620	17.5	92.6	151	18.0	
SK1Mx4-JM1830 3000 K	B	9 W	790	8.3	95.2	74	15.5	
	C	14 W	1190	12.9	92.2	111	17.0	
	D	18 W	1580	17.5	90.3	148	17.9	
SK1Mx4-JM1827 2700 K	B	9 W	743	8.3	89.5	69	15.3	
	C	14 W	1118	12.9	86.7	104	16.7	
	D	18 W	1485	17.5	84.9	139	17.7	
								Beam Angle 46°

#### 4" Adjustable, Narrow Beam

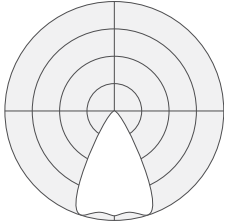
CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
SK1Mx4-JN1840 4000 K	B	9 W	897	8.3	108.1	83	10.2	 <p>4" Adjustable Narrow Beam</p>
	C	14 W	1350	12.9	104.7	125	11.6	
	D	18 W	1794	17.5	102.5	166	12.6	
SK1Mx4-JN1835 3500 K	B	9 W	870	8.3	104.8	80	10.1	
	C	14 W	1310	12.9	101.6	121	11.5	
	D	18 W	1740	17.5	99.4	161	12.5	
SK1Mx4-JN1830 3000 K	B	9 W	849	8.3	102.2	78	10.0	
	C	14 W	1278	12.9	99.0	118	11.4	
	D	18 W	1697	17.5	97.0	157	12.4	
SK1Mx4-JN1827 2700 K	B	9 W	798	8.3	96.1	74	10.0	
	C	14 W	1201	12.9	93.1	111	11.2	
	D	18 W	1595	17.5	91.1	147	12.2	
								Beam Angle 33°

SPECIFICATION DATA  
SPEAK RECESSED MULTIPLE 4"  
(SK1Mx4 | SK1Lx4)

VERSION PERFORMANCE – 4" FIXED

1 Light Module, White Finish, 80 CRI

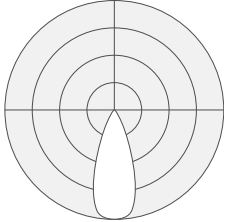
4" Fixed, Wide Beam

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
SK1Mx4-RW1840 4000 K	B	9 W	917	8.4	109.2	72	15.5	 4" Fixed Wide Beam
	C	14 W	1381	12.9	107.1	108	16.9	
	D	18 W	1825	17.5	104.3	142	17.9	
	E	22 W	2237	21.9	102.1	174	18.6	
SK1Mx4-RW1835 3500 K	B	9 W	890	8.4	106.0	69	15.4	
	C	14 W	1340	12.9	103.9	104	16.8	
	D	18 W	1770	17.5	101.1	138	17.7	
	E	22 W	2170	21.9	99.1	169	18.5	
SK1Mx4-RW1830 3000 K	B	9 W	868	8.4	103.3	68	15.3	
	C	14 W	1307	12.9	101.3	102	16.7	
	D	18 W	1726	17.5	98.6	134	17.7	
	E	22 W	2116	21.9	96.6	165	18.4	
SK1Mx4-RW1827 2700 K	B	9 W	816	8.4	97.1	64	15.1	
	C	14 W	1228	12.9	95.2	96	16.5	
	D	18 W	1623	17.5	92.7	126	17.4	
	E	22 W	1989	21.9	90.8	155	18.2	

Beam Angle

60°

4" Fixed, Medium Beam

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
SK1Mx4-RM1840 4000 K	B	9 W	866	8.4	103.1	39	10.0	 4" Fixed Medium Beam
	C	14 W	1309	12.9	101.5	60	10.0	
	D	18 W	1732	17.5	99.0	79	10.0	
	E	22 W	2124	21.9	97.0	96	10.0	
SK1Mx4-RM1835 3500 K	B	9 W	840	8.4	100.0	38	10.0	
	C	14 W	1270	12.9	98.4	58	10.0	
	D	18 W	1680	17.5	96.0	76	10.0	
	E	22 W	2060	21.9	94.1	94	10.0	
SK1Mx4-RM1830 3000 K	B	9 W	819	8.4	97.5	37	10.0	
	C	14 W	1239	12.9	96.0	56	10.0	
	D	18 W	1639	17.5	93.6	74	10.0	
	E	22 W	2009	21.9	91.7	91	10.0	
SK1Mx4-RM1827 2700 K	B	9 W	770	8.4	91.7	35	10.0	
	C	14 W	1164	12.9	90.2	53	10.0	
	D	18 W	1540	17.5	88.0	70	10.0	
	E	22 W	1888	21.9	86.2	86	10.0	

Beam Angle

40°



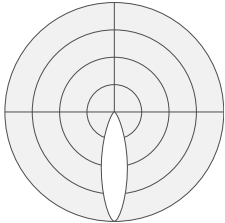
SPECIFICATION DATA

**SPEAK RECESSED MULTIPLE 4"**  
**(SK1Mx4 | SK1Lx4)**

VERSION PERFORMANCE – 4" FIXED

1 Light Module, White Finish, 80 CRI

4" Fixed, Narrow Beam

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
SK1Mx4-RN1840 4000 K	B	9 W	835	8.4	99.4	36	10.0	 <p>4" Fixed Narrow Beam</p>
	C	14 W	1268	12.9	98.3	54	10.0	
	D	18 W	1670	17.5	95.4	71	10.0	
	E	22 W	2051	21.9	93.7	88	10.0	
SK1Mx4-RN1835 3500 K	B	9 W	810	8.4	96.4	35	10.0	
	C	14 W	1230	12.9	95.3	52	10.0	
	D	18 W	1620	17.5	92.6	69	10.0	
	E	22 W	1990	21.9	90.9	85	10.0	
SK1Mx4-RN1830 3000 K	B	9 W	790	8.4	94.0	34	10.0	
	C	14 W	1200	12.9	93.0	51	10.0	
	D	18 W	1580	17.5	90.3	68	10.0	
	E	22 W	1941	21.9	88.6	83	10.0	
SK1Mx4-RN1827 2700 K	B	9 W	743	8.4	88.4	32	10.0	
	C	14 W	1128	12.9	87.4	48	10.0	
	D	18 W	1485	17.5	84.9	63	10.0	
	E	22 W	1824	21.9	83.3	78	10.0	

Beam Angle

33°