

CHNL4 | Suspended Architectural Channel Linear

Overview

The CHNL is a deep-regress, low glare, modular linear series built-to-specification. Linear illumination skims along the architectural vertical baffle, to focus working plane light thrown while creating visually comforting, low glare dynamics.

Part #:

CHNL4 | Architectural Channel Linear

Lumens:

High Lumen:
1,500 Lm per ft.
12.5 W per ft.

Med Lumen:
1,200 Lm per ft.
10 W per ft.

Low Lumen:
900 Lm per ft.
7.5 W per ft.

Color:

CCT:
2700K
3000K
3500K
4000K
5000K
Tunable White (2700K-5000K)
Bluetooth (2700K-5000K)
Dim to Warm (2800K-3000K)

CRI:
90

Voltage:

Standard:
120-277 V

Dimming:

Standard:
0-10V - 1%

Options:
Dim to Warm,
Tunable

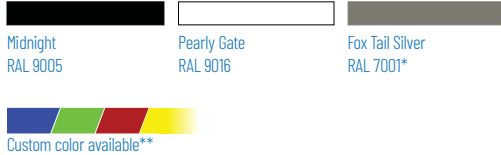
Lifetime:

Standard:
L80 > 50,000 Hrs.

Operating Temperature:

Standard:
-4°F to 104°F

Finishes:



*Silver gray RAL color is approximate, not exact.

**All custom color requests must be call to order and will affect leadtimes. Accommodation for RAL color code is available.



CHNL4

Suspended Mount

Features:

Direct Illumination, glimpses of light

Low UGR baffle system directs light to working plane while glimpses of light create striking horizontal set pieces for the plenum space.

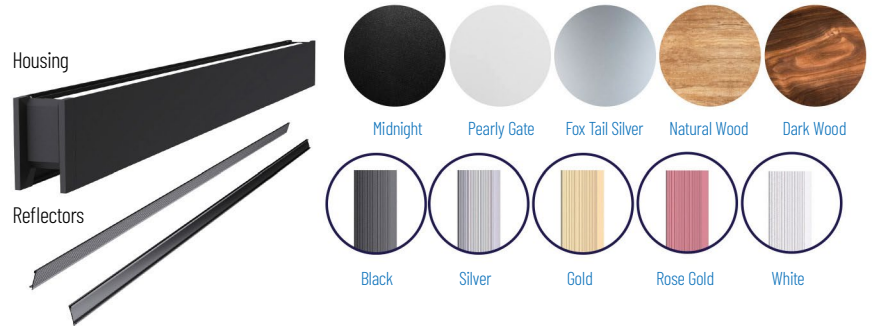
Modular and honest

2 increments and illuminated modular corners create modern forms with no waste.

True color output

High efficacy and optimized LED board placement deliver brilliant light coverage with true white color output.

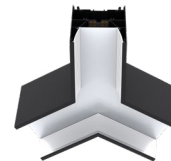
Finishes:



Bends + Modular Connectors:



90°

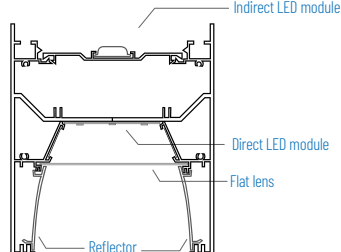


Y



X

Cross Section:

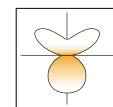


Dimensions:

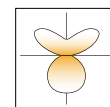
Length	Width	Height
2/4/8 FT	4 IN	5.2 IN

Optics:

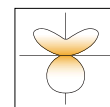
Photometry:



Up 30%, Down 70%

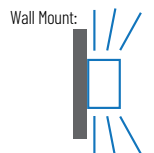


Up 60%, Down 40%



Up 80%, Down 20%

Also available in:



Type:	Project:	Submitted by:	Date:
Ordering information:			

CHNL4 | Suspended Architectural Channel Linear

Example: CHNL4 ID BW 30/70 A07 H 940K FD DIM RBBR BLK

Ordering Guide:

Use the buttons below to build out a product number.

Select one option per numbered section. If a preferred option is not here, please contact your local SPRNG representative for more information.

Linear Body				Output and color			
1 Series	2 Light Style	3 Total Length ¹	4 Ceiling	5 Suspension	6 Output ²	7 Voltage	8 CCT/CRI
CHNL4 CHNL - Suspended Architectural Channel Linear	ID BW 30/70 Direct 70%, Indirect 30% Light Output, Batwing Uplight Optics ID BW 40/60 Direct 40%, 60% Indirect Light Output, Batwing Uplight Optics ID BW 20/80 Direct 20%, 80% Indirect Light Output, Batwing Uplight Optics	IF Individual Fixture Length L x L Shape (please input length x width) R x Rectangle (please input length x width) S Square (please input length) U x x U Shape (please input length per side) Y x x Y-Shape (please input length per side) X x x x X-Shape (please input length per side) CS Custom Shape (Please specify to the FT). ¹ NOTE: Standard individual fixtures available in 2, 4, & 8 ft lengths. All patterns & custom shapes require a drawing (see page 5 & 6).	D Drywall G T-Grid	07 ≥ 7 FT length aircraft cable 12 ≥ 12 FT length aircraft cable XX Custom length aircraft cable (Please specify)	H (High) 1,500 Lumens / 12.5 Watts per FT M (Medium) 1,200 Lumens / 10 Watts per FT L (Low) 900 Lumens / 7.5 Watts per FT CO Custom Output (Please specify) ² ² Please consult your local SPRNG representative for details on Custom Outputs.	BLANK 120V-277V	927K 90 CRI - 2700K 930K 90 CRI - 3000K 935K 90 CRI - 3500K 940K 90 CRI - 4000K 950K 90 CRI - 5000K 9FSK 90 CRI - Tunable White/Bluetooth (2700K - 5000K) 9DTW 90 CRI - Dim to Warm (1800K - 3000K)

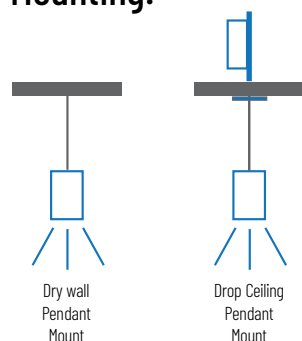
Hard Optics	Dimming	Finishing		Backups & Controls
9 Optics	10 Dimming Driver	11 Shielding Finish	12 Finish	13 Emergency
FD Frosted flat diffuser - Standard	DIM 0-10V 1% DTW Dim to Warm BLU Bluetooth	RBBR Ribbed Brushed - Standard RBMWH Ribbed White RMBL Ribbed Black RBBGO Ribbed Gold RBWH Ribbed Wheat	BL Midnight black - RAL9005 WH Pearly gate white - RAL9016 SG Shining silver gray - RAL7045 ----- RAL color code	BLANK No Emergency Backup EM 8W Emergency Battery backup ³ GE Generator emergency circuit ⁴ **Not available for 2ft lengths. ³ Note: Continuous runs of over 8FT might require more than one Emergency Backup. Please specify if so. Example: 2EM . ⁴ Note: Continuous runs of over 8FT might require more than one Emergency Circuit Please specify if so. Example: 2GE .

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Performance Data:

	2 FT	Watts	LPW	4 FT	Watts	LPW	8 FT	Watts	LPW	12 FT	Watts	LPW	20 FT	Watts	LPW
Max Lumens	3,000 Lm	25 W	120 Lm/W	6,000 Lm	50 W	120 Lm/W	12,000 Lm	100 W	120 Lm/W	18,000 Lm	150 W	120 Lm/W	30,000 Lm	250 W	120 Lm/W
Medium Lumens	2,400 Lm	20 W	120 Lm/W	4,800 Lm	40 W	120 Lm/W	9,600 Lm	80 W	120 Lm/W	14,400 Lm	120 W	120 Lm/W	24,000 Lm	200 W	120 Lm/W
Low Lumens	1,800 Lm	15 W	120 Lm/W	3,600 Lm	30 W	120 Lm/W	7,200 Lm	60 W	120 Lm/W	10,800 Lm	90 W	120 Lm/W	18,000 Lm	150 W	120 Lm/W

Mounting:

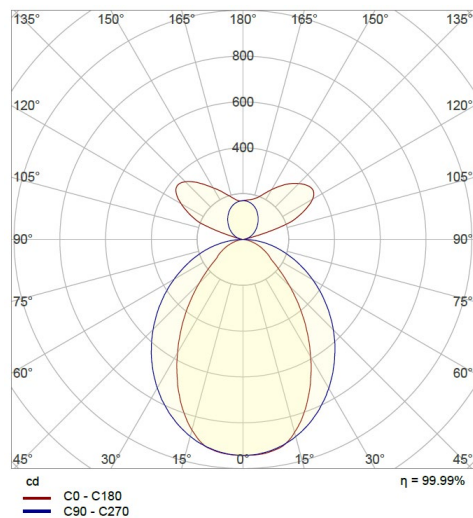


Additional Available Mounts:



Wall Mount

Photometrics:



CHNL4 IDBW37 4 H D 940K DIM RBBR BL

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

n/a
n/a, n/a – n/a
11/10/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

12
181 – 1.00°
24.83 W

Tested Light Source

Luminaire
Basic Luminous Shape
Item No.
Manufacturer

CHNL4 ID 2 H 37 935 FD DIM BL-3250Lm-35K 30Up1C
PANEL

SLG Lighting Inc.

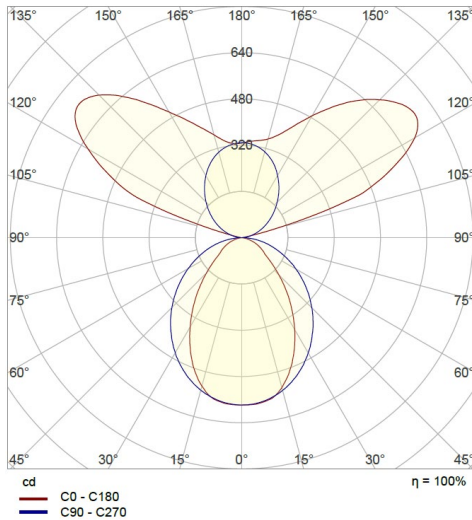
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)
Efficiency
Peak Intensity
Correlated Color Temperature, CCT
Color Rendering Index

2739 lm – 34.31% / 65.69%
110.3 lm/W
943.2 cd
2700 K
CRI 85.0

CHNL4 | Suspended Architectural Channel Linear

Photometrics (Continued):



CHNL4 IDBW46 4 H D 940K DIM RBBL BL

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

n/a
n/a, n/a – n/a
11/10/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

12
181 – 1.00°
25.09 W

Tested Light Source

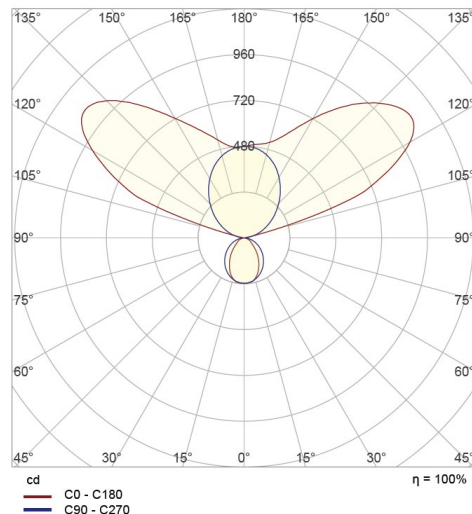
Luminaire
Basic Luminous Shape
Item No.
Manufacturer

CHNL4 ID 2 H 55 935 FD DIM BL-3250Lm-35K 50Up5C
PANEL
SLG Lighting Inc.

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)
Efficiency
Peak Intensity
Correlated Color Temperature, CCT
Color Rendering Index

2946 lm – 62.02% / 37.98%
117.4 lm/W
736 cd
2700 K
CRI 85.0



CHNL4 IDBW28 4 H D 940K DIM RBBL BL

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

n/a
n/a, n/a – n/a
11/10/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

12
181 – 1.00°
25.32 W

Tested Light Source

Luminaire
Basic Luminous Shape
Item No.
Manufacturer

CHNL4 ID 2 H 73 935 FD DIM BL-3250Lm-35K 50Up5C
PANEL
SLG Lighting Inc.

Main Light Measurement Results

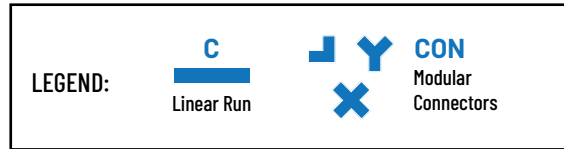
Output – Total Lumen (Up% / Down%)
Efficiency
Peak Intensity
Correlated Color Temperature, CCT
Color Rendering Index

3153 lm – 84.63% / 15.37%
124.5 lm/W
1080 cd
2700 K
CRI 85.0

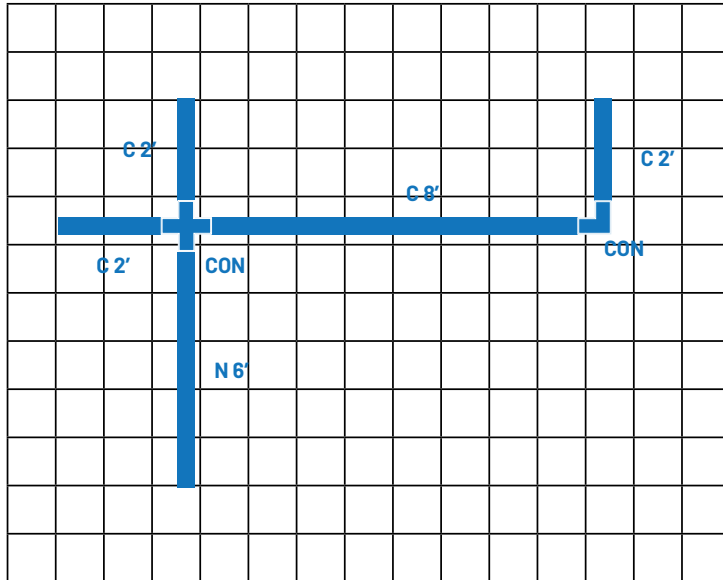
CHNL4 | Suspended Architectural Channel Linear

Layout Sketch: (EXAMPLE)

(Images are shown for illustration purposes only)



Free Form



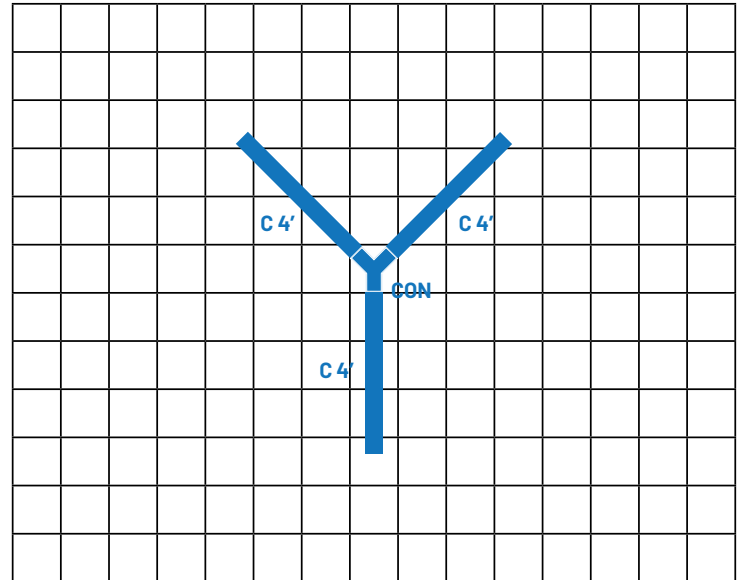
Ceiling type: DRY WALL
Suspended Height: 7 FT

Direct / Indirect: ☐ 100% Direct Distribution
Power: ☒ 1500 Lm / 12.5 W per FT.
CCT: ☐ 3000K 90 CRI ☐ 3500K 90 CRI ☐ 4000K 90 CRI ☒ Tunable White ☐ Dim to Warm
Finish: ☐ Black Finish ☒ White Finish ☐ Custom Finish

☒ 30% Indirect, 70% Direct Distribution
1200 Lm / 10 W per FT.

☐ 50% Indirect, 50% Direct Distribution
900 Lm / 7.5 W per FT.

Y-Shaped



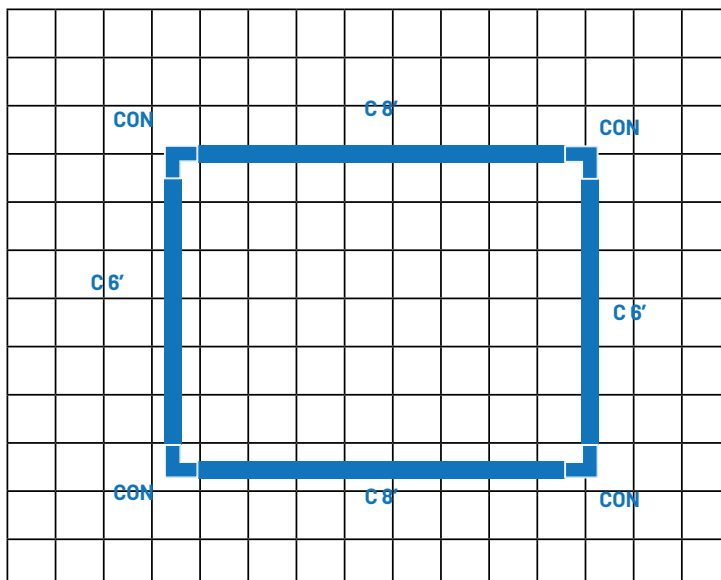
Ceiling type: T-GRID
Suspended Height: 12 FT

Direct / Indirect: ☐ 100% Direct Distribution
Power: ☐ 1500 Lm / 12.5 W per FT.
CCT: ☐ 3000K 90 CRI ☐ 3500K 90 CRI ☐ 4000K 90 CRI ☒ Tunable White ☐ Dim to Warm
Finish: ☒ Black Finish ☐ White Finish ☐ Custom Finish

☐ 30% Indirect, 70% Direct Distribution
1200 Lm / 10 W per FT.

☒ 50% Indirect, 50% Direct Distribution
900 Lm / 7.5 W per FT.

Closed Form



Ceiling type: DRY WALL
Suspended Height: 9 FT

Direct / Indirect: ☐ 100% Direct Distribution
Power: ☒ 1500 Lm / 12.5 W per FT.
CCT: ☐ 3000K 90 CRI ☐ 3500K 90 CRI ☐ 4000K 90 CRI ☒ Tunable White ☐ Dim to Warm
Finish: ☐ Black Finish ☐ White Finish ☒ Custom Finish

☒ 30% Indirect, 70% Direct Distribution
1200 Lm / 10 W per FT.

☐ 50% Indirect, 50% Direct Distribution
900 Lm / 7.5 W per FT.

(Images are shown for illustration purposes only)

Layout Sketch:

LEGEND:

			CON
Linear Run			Modular Connectors

[illegible]

Ceiling type:

Suspended Height:

Direct / Indirect:	100% Direct Distribution	30% Indirect, 70% Direct Distribution	50% Indirect, 50% Direct Distribution		
Power:	1,500 Lm / 12.5 W per FT.	1,200 Lm / 10 W per FT.	900 Lm / 7.5 W per FT.		
CCT:	3000K 90 CRI	3500K 90 CRI	4000K 90 CRI	Tunable White	Dim to Warm
Finish	Black Finish	White Finish	Custom Finish		