

Mini Edgeless Cove + 20 Linear Direct



inter•lux



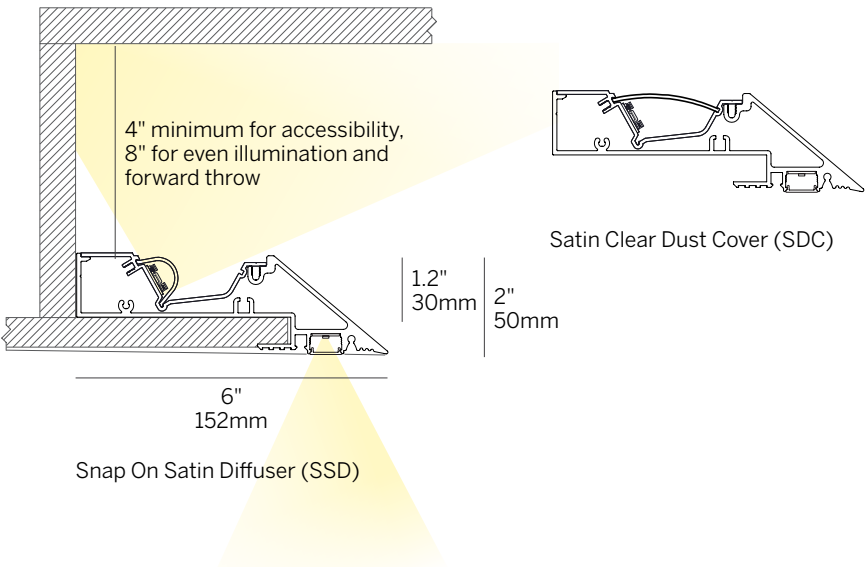
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1	overview
2	specifications / configurator
3	photometry

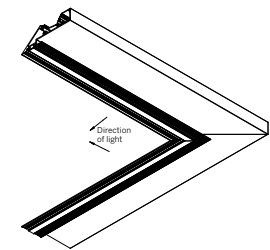


Continuous plaster-in knife edge cove system that delivers an even wash of directed light to the ceiling above, and redirected light to softly illuminate the back of the cove. 20 Linear provides a continuous line of light at the perimeter of the underside of the cove edge adding a layer of light to illuminate directly into the space.

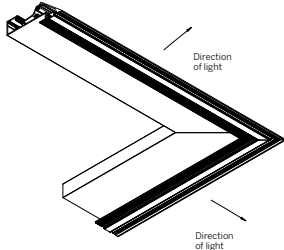
- Continuous plaster-in knife edge cove system that delivers an even wash of directed light to the ceiling above, and redirected light to softly illuminate the back of the cove. Slim recessed line of light at the bottom edge of the cove to provide direct illumination and highlight the perimeter of the ceiling opening.
- Light source positioned for optimum vertical spread of illumination. Extruded aluminum housing, easily installed internal LED tray assembly. Remote driver. Field replaceable LED boards. Powdercoat painted.
- Satin clear diffuser for high efficiency and soft edge beam without striations for Indirect with flush, diffuse lens for Direct.
- Lengths and angles factory cut to exact field dimensions. Standard and custom corners.
- Efficacy up to 102 (Indirect), 67 (Direct) lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 Step MacAdam (Static White).
- L70 (TM21 Projected 85°C) Static White / RGBW 50,000 hours. Warm Dim 36,000 hours.
- ETL and ETL-C for dry and damp locations.



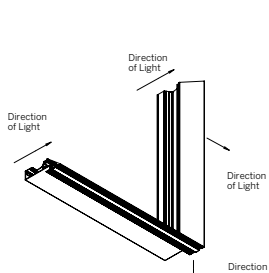
Satin Clear Dust Cover (SDC)



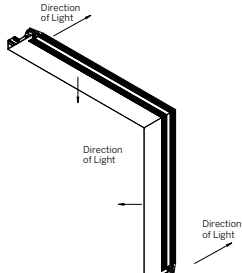
Pattern Coffered (PC)



Pattern Raft (PR)



Plane To Plane Inside Corner (PPI)



Plane To Plane Outside Corner (PPO)

Ordering Information													
WG-MEC20L	RPT												
Model	Fixation	Pattern	Length	MEC - Indirect				20L - Direct				Finish	Options
				Power ³	CRI/CCT ⁴	Driver ⁵	Lens	Power ³	CRI/CCT ⁴	Driver ⁵	Lens		
WG-MEC20L	RPT	S ¹ PC ² PR ² PPI ² PPO ² PZ ²	A A x B A x B x C A x B x A x B	L M H	927 930 935 940 WD RGBW	X S D010 DPH L3DAE L3D0E EL96 DMX	SSD SDC	L M H	927 930 935 940	X S D010 DPH L3DAE L3D0E EL96 DMX	OD MPL	W F	AWNRF BT LEC REC LREC DC EM

Model

- WG-MEC20L = Mini Edgeless Cove + 20 Linear Direct

Fixation

- RPT = Recessed Plaster Trim

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° inside corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° outside corners²
- PPI = Wall to wall / wall to ceiling, 90° inside corner²
- PPO = Wall to wall / wall to ceiling, 90° outside corner²
- PZ = Non-standard patterns and/or corners other than 90°, consult factory²

Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 72.25")
For patterns specify each length (i.e. 2 sided: A x B = 72.25" x 48";
3 sided: A x B x C; 4 sided: A x B x A x B)

Power (Direct/Indirect)³

- L = 3W/ft low power (WD 2.7 W/ft) (24V)
- M = 6W/ft mid power (WD 5.5 W/ft) (24V)
(RGBW - 7.6 W/ft)
- H = 10W/ft high power (WD 8 W/ft) (24V)

CRI/CCT (90+ CRI minimum) (Direct/Indirect)⁴

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dim 1800K-3000K
- RGBW = 3000K White

Driver (Direct/Indirect) (remote)⁵

- X = No driver, ordered separately
- S = Standard, non-dim driver 120-277V
- D010 = eldoLED, 10%, 0-10V dimming, 120-277V
- DPH = Phase Dimming, 1% dimming, 120V only
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- EL96 = eldoLED, 24V, 0.1% 0-10V Dimming
- DALI = eldoLED DALI (DT6), 0.1% dimming (120-277V)
- DMX = eldoLED, 24V, 0.1% DMX Dimming

Lens (MEC - Indirect)

- SSD = Snap On Satin Diffuser (standard)
- SDC = Satin Clear Dust Cover

Lens (20L - Direct)

- OD = Satin opal diffuser (standard)
- MPL = Micro-prismatic lens

Finish

- W = White, 15% gloss, RAL 9010 (standard)
- F = Custom finish, specify RAL

Options

- AWNRF = Lutron Athena Wireless Node RF
(specify with D010, EL96 or DALI)
- BT = Wireless CAS – Casambi
(specify with D010, EL96, DALI or DMX)
- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps
- DC = Dual Circuit
- EM = Emergency LED driver (remote)

1 See pattern specs sheet.

2 Wattage shown does not include power supplies/drivers.

3 See photometric data sheet for delivered lumens.

4 See power supply page for details.

Mini Edgeless Cove + 20 Linear Direct

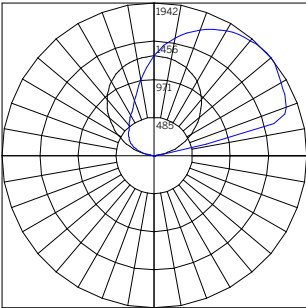


WG-MEC20L-RPT-S-48-...-SSD-X-XXX-X-XX-W				
Delivered Lumens Per Foot				
Power				
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	267	534	935
	930	291	581	1016
	935	345	690	1207
	940	410	820	1435
	WD ¹	204	424	613
	RGBW ²	-	-	-
				346

Power Multiplier				
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.29	0.57	1.00	0.29
WD	0.17	0.35	0.51	-

CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

WG-MEC20L-RPT-S-48-H-935-X-SSD-X-XXX-X-XX-W³



Beam Angle (0-180) = 53.4
Beam Angle (90-270) = 115.9

- 1 WD lumen data at maximum output (3000K).
- 2 RGBW lumen data at maximum output with 3000K White LED. M-RGBW power level wattage is 7.6W/ft.
- 3 Polar Plot is applicable to part number noted; use Multiplier table(s) to approximate other Power / CCT options.

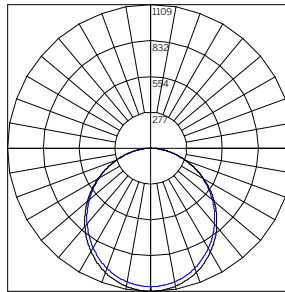
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WG-MEC20L-RPT-S-48-X-XXX-X-XXX-...OD-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	176	352	617	—
	930	192	383	670	—
	935	227	455	796	—
	940	270	540	946	—
	WD ²	135	280	405	—
	RGBW ³	—	—	—	229



BEAM ANGLE (0-180) = 110.3
BEAM ANGLE (90-270) = 110.4

ILLUMINANCE - 48" OD H 3500K

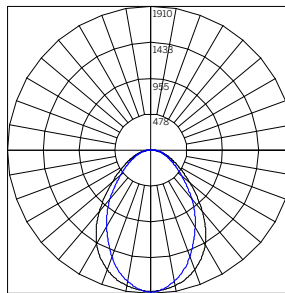
WG-MEC20L-RPT-S-48-X-XXX-X-XXX-H-935-X-OD-W¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	277	5.7
4	69	11.5
6	31	17.2
8	17	23
10	11	28.7
12	8	34.5
14	6	40.2
16	4	46
18	3	51.7
20	3	57.5

WG-MEC20L-RPT-S-48-X-XXX-X-XXX-...MPL-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	209	418	731	—
	930	227	454	795	—
	935	270	540	944	—
	940	321	641	1122	—
	WD ²	160	332	480	—
	RGBW ³	—	—	—	272



BEAM ANGLE (0-180) = 73.8
BEAM ANGLE (90-270) = 85.5

ILLUMINANCE - 48" MPL H 3500K

WG-MEC20L-RPT-S-48-X-XXX-X-XXX-H-935-X-MPL-W¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	478	3
4	119	6
6	53	9
8	30	12
10	19	15
12	13	18
14	10	21
16	7	24
18	6	27
20	5	30

Power Multiplier				
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.29	0.57	1.00	0.29
WD	0.17	0.35	0.51	—

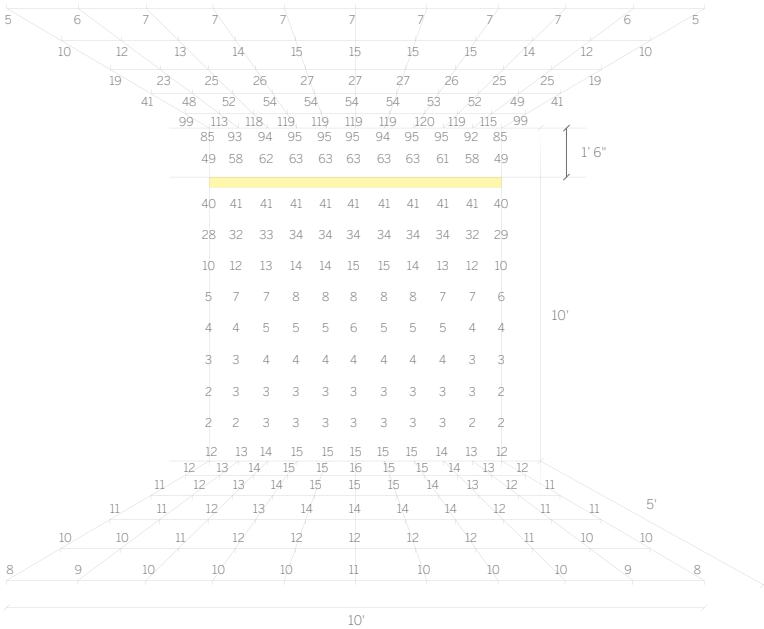
CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

- 1 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.

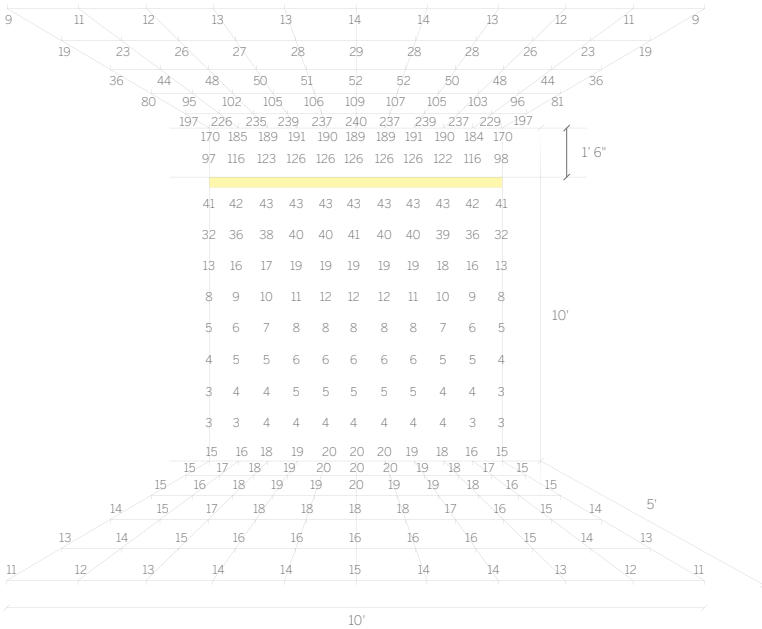
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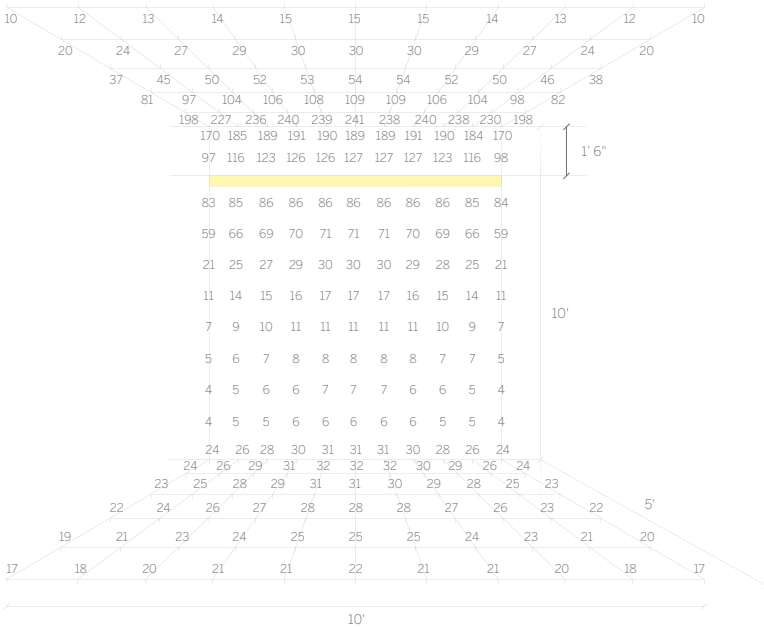
WG-MEC20L-RPT-S-48-L-935-X-SSD-L-935-X-OD-W
10'-0" ceiling height



WG-MEC20L-RPT-S-48-M-935-X-SSD-L-935-X-OD-W
10'-0" ceiling height



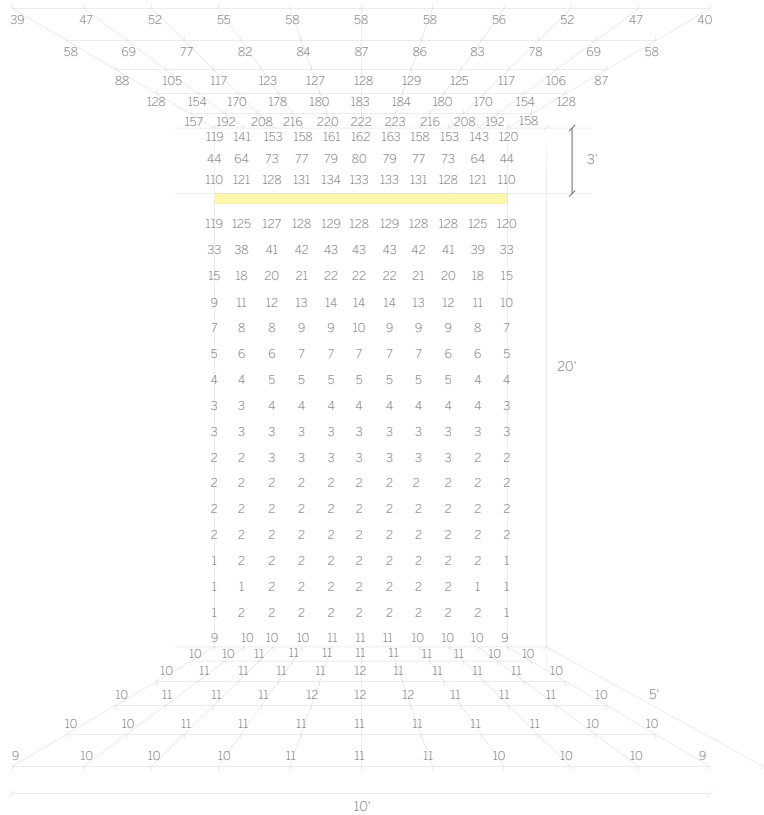
WG-MEC20L-RPT-S-48-M-935-X-SSD-M-935-X-OD-W
10'-0" ceiling height



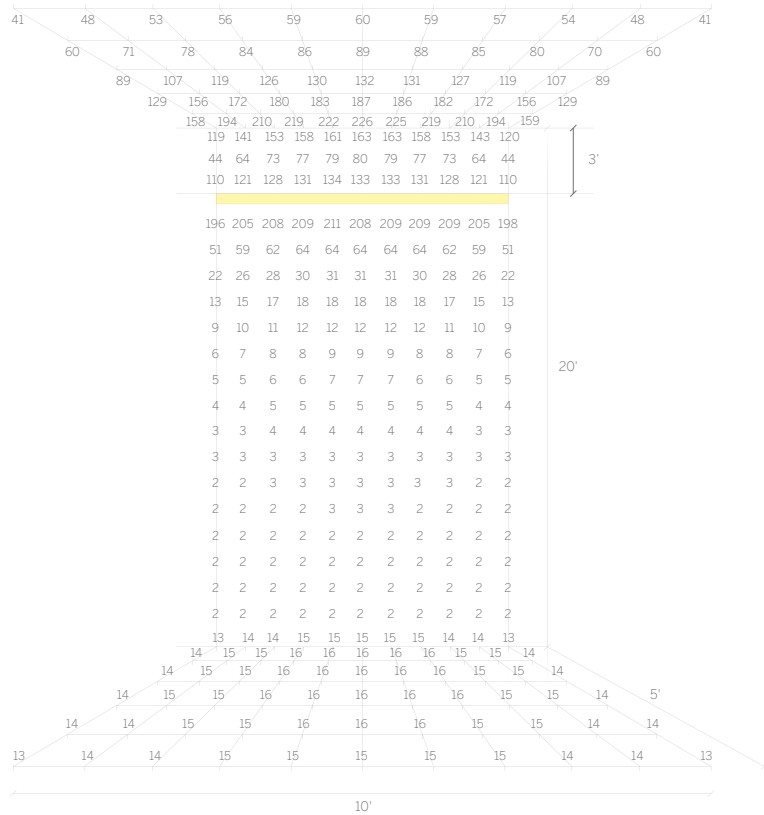
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WG-MEC20L-RPT-S-48-H-935-X-SSD-M-935-X-OD-W
20'-0" ceiling height



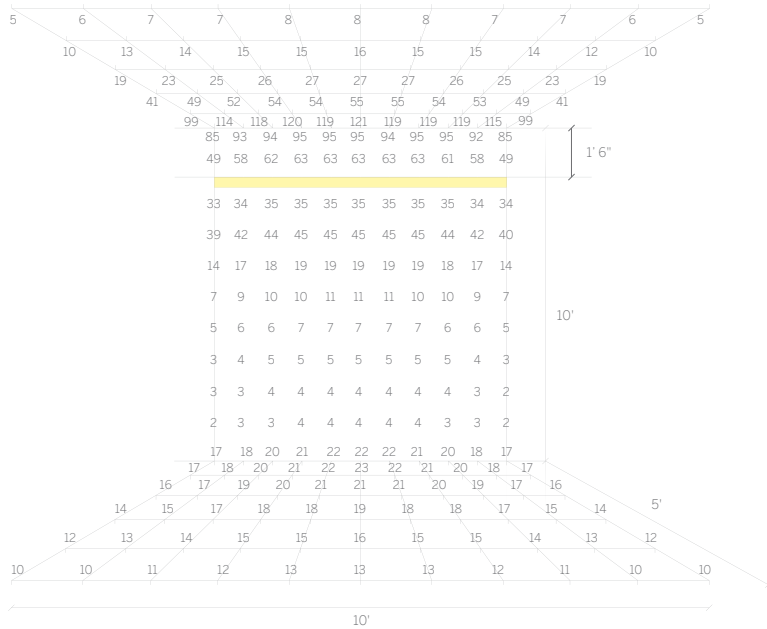
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20'-0" ceiling height



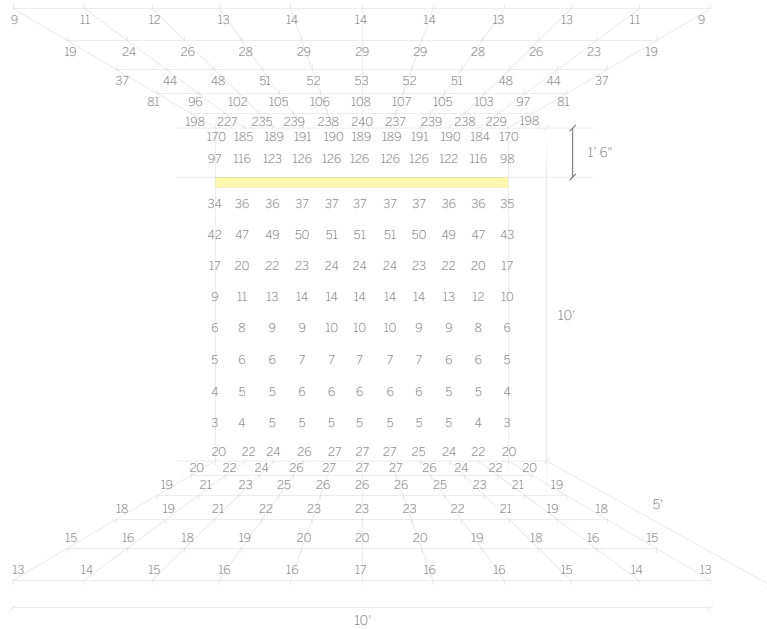
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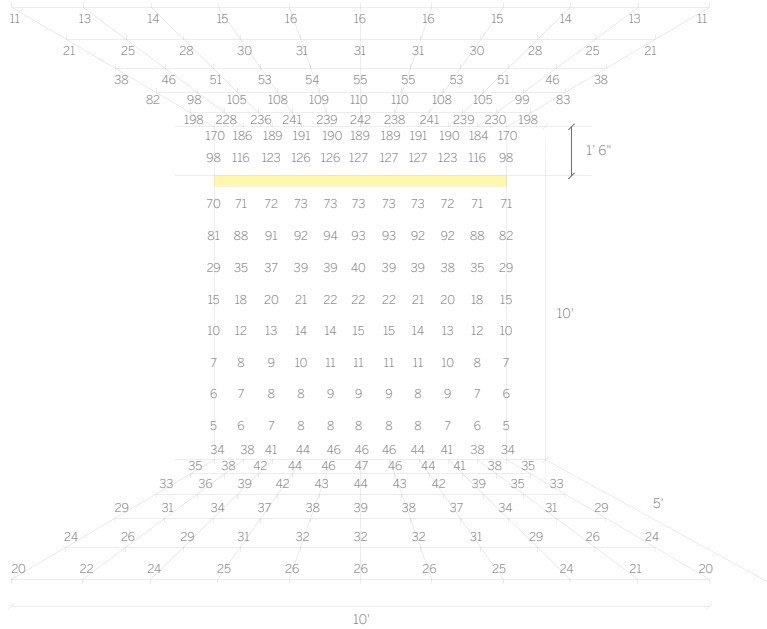
WG-MEC20L-RPT-S-48-L-935-X-SSD-L-935-X-MPL-W
10'-0" ceiling height



WG-MEC20L-RPT-S-48-M-935-X-SSD-L-935-X-MPL-W
10'-0" ceiling height



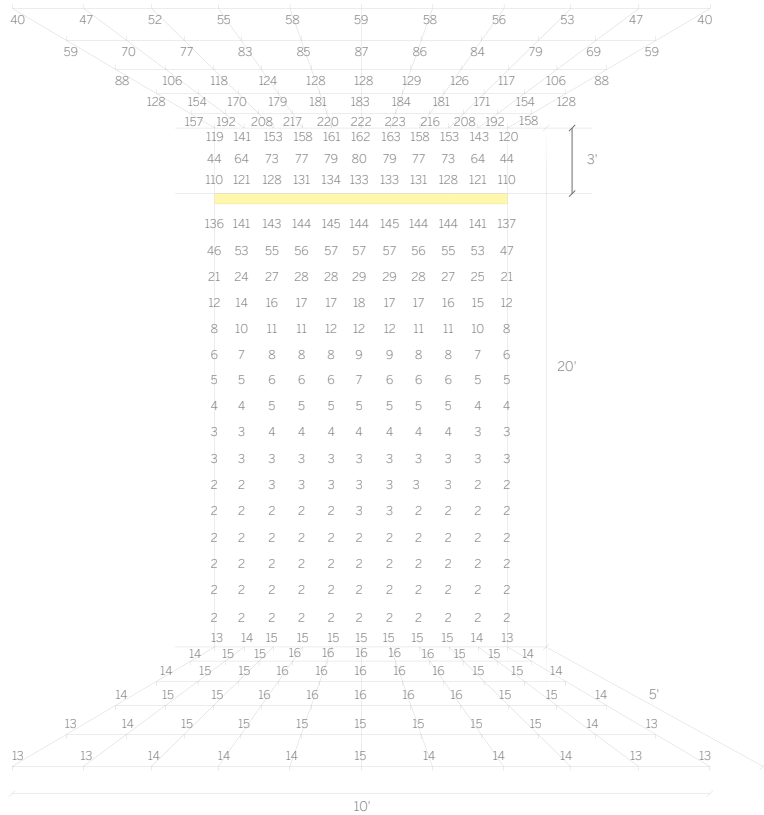
WG-MEC20L-RPT-S-48-M-935-X-SSD-M-935-X-MPL-W
10'-0" ceiling height



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WG-MEC20L-RPT-S-48-H-935-X-SSD-M-935-X-MPL-W
20'-0" ceiling height



WG-MEC20L-RPT-S-48-H-935-X-SSD-H-935-X-MPL-W
20'-0" ceiling height

