

MICROGRID IN



Microgrid In completes the Minigrid Snap-In range as it uses a similar principle of dividing the light unit into a mounting frame and a light module that can be snapped into the frame after installation. Microgrid comes in single, double and triple set-ups with trim. A visor is available to further reduce the impact of the intense light coming from the miniature light source, shielding the light source from directly looking into.

Specification	Microgrid 1S	Microgrid 2S	Microgrid 3S
LED Aperture:	$\frac{3}{4}$ "	2" x $\frac{3}{4}$ "	3" x $\frac{3}{4}$ "
Ceiling Cut-out:	$2\frac{7}{16}$ " x $2\frac{5}{16}$ "	$2\frac{1}{2}$ " x $2\frac{7}{16}$ "	$6\frac{5}{8}$ " x $2\frac{7}{16}$ "
Ceiling Thickness:	Min. $\frac{1}{2}$ " - Max. 1"		
Adjustability:	Adjustable 0-20° / 350°		
Rating:	Damp		

Performance	
CRI / TM-30 (3000K):	90 / Rf: 92 / Rg: 98
SDCM:	2
LED Maintenance:	L90B10>41,000h
*1S Standard Power:	4.5W
² Remote Power Supply Capacity (# luminaires) 1S:	D1-UNV min1-max4 D8-120 min1-max2
*2S Standard Power:	2 x 4.5W
² Remote Power Supply Capacity (# luminaires) 2S:	D1-UNV min1-max2 D8-120 min1-max1
*3S Standard Power:	3 x 4.5W
² Remote Power Supply Capacity (# luminaires) 3S:	D1-UNV min1-max1

Delivered Lumens	2700K		3000K		3500K	
**Optic:	NS	MD	NS	MD	NS	MD
Microgrid 1S:	288	292	288	292	288	292
Microgrid 2S:	577	584	577	584	577	584
Microgrid 3S:	865	875	865	875	865	875

Listing

ETL certified to US and Canadian safety standards.

Warranty

5-year limited warranty.

Ordering

SEE NEXT PAGE FOR DOUBLE & TRIPLE

Example: MGR261S2-A30NSSP-W-B-STIATD8-120

Luminaire	Size ¹	Shape	Rating	Function	CCT	Optic ^{**}	Power [*]	Finish	Inner Finish	Installation	Application	Controls ^{***}
MGR MICROGRID IN	26 26mm / 1" diameter Snap-In Module	1S Square	2 Damp for interior use	A Adjustable	27 2700K 30 3000K 35 3500K	NS Narrow Spot 15° MD Medium Spot 30°	SP Standard Power	B Black W White	B Black W White	ST Recessed with small trim	IAT New Construction IC Airtight IAT_RMT ^{2,3} New Construction IC Airtight + Remote Driver	D1-UNV 0-10V dim 120-277V D1-347 0-10V dim 347V D5-UNV ³ Dali dim 277V D8-120 FE ELV dim 120V

¹ Dimension of the LED module; see page 2 for overall dimensions.

² Remote power supply capacity noted in table above.

³ Controls D5 (Dali) only available with Application IAT.

*** Contact factory for Dali, DMX, or other dimming options.

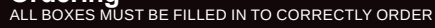
Related Products

Minigrid 67 (surface & recessed)

DELTALIGHT

www.deltalight.com





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1 Dimension of the LED module; see page 2 for overall dimensions.
2 Remote power supply capacity noted in table on Page 1.
*** Contact factory for Dali, DMX, or other dimming options.



Finish Options (cont.)

MICROGRID 3S

0-20°
0-355°

42mm
1 7/8"

176mm
6 15/16"

67mm
2 5/8"

Ø32mm
1 1/4"

Ø26mm
1"

BLACK-BLACK

BLACK-WHITE

WHITE-BLACK

WHITE-WHITE

ALT VIEW

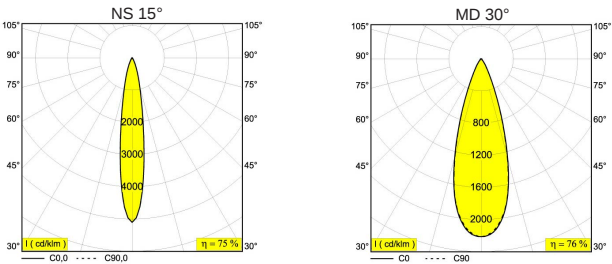
Accessories

MICRO VISOR
10034 0010 B

BLACK
INSTALLED

Photometric Data

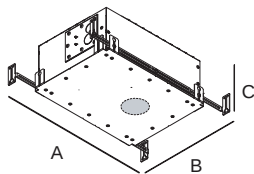
MICROGRID



Installation Options

IC AIRTIGHT

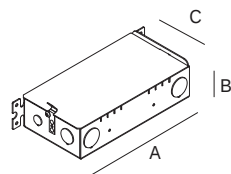
S-SMALL:
A: 12"-5/8 x **B:** 11"-1/16 x **C:** 4"-13/16
A: 323mm x **B:** 281mm x **C:** 122mm



- Low Profile under 5" Height
- New Construction Airtight
- For use in insulated ceiling
- Chicago Plenum
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated
- Patented System for easy driver servicing from room side

REMOTE DRIVER (With Controls D1)

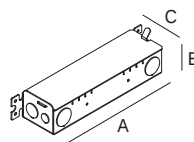
A: 8" x **B:** 2"-3/16 x **C:** 4"-1/4
A: 203mm x **B:** 72mm x **C:** 108mm



- For Remote application
- ETL Listed
- Damp rated

REMOTE DRIVER (With Controls D8)

A: 8" x **B:** 2"-1/2 x **C:** 2"-1/2
A: 203mm x **B:** 64mm x **C:** 64mm



- For Remote application
- ETL Listed
- Damp rated

Driver Options

D1

- Dimming Control 0-10V
- Dimming Range 1-100%
- Dim to off yes at 0.8V, 1V, 1.2V, or N/A
- Power Factor @ Full Load >0.9 under 120Vac Input with 80~100% load condition (for all output currents)
- Efficiency @ Full Load ≥86
- THD @ Full Load <20% under 120Vac input with 80~100% load condition (for all output currents)

Dimmer Compatibility

- Leviton IP710-LFZ / IP710-DLX
- Lutron DVTV/DVSTV/DVSCTV/DVSCSTV

D5

- Dimming Control Dali
- Dimming Range 1-100%
- Dim to off yes
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥83
- THD @ Full Load <20%

D8

- Dimming Control Phase Control
- Dimming Range 10-100%
- Dim to off no
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥78
- THD @ Full Load <12%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

As technology changes, please use information above as guidance. For most recent updated information please contact factory. Specifications subject to change without notice.