GRM20 | GR•M

1-3/8" x 2" rectilinear LED luminaire

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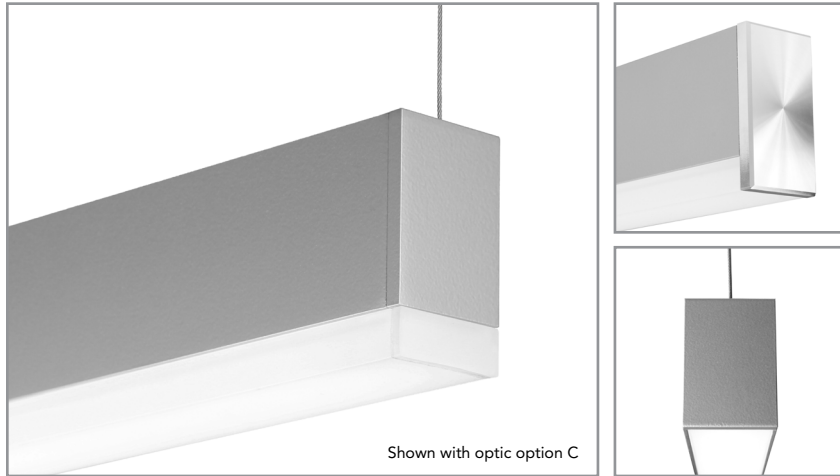VISIONS BROUGHT TO LIGHT™

Project: _____   Type: _____

Shown with optic option C

10 DAY QuickShip
Highlighted fields denote QuickShip Options. See complete 10-Day QuickShip Terms and Conditions available at *www.bartcolighting.com/quickship-products/* Purchase order must reference "QuickShip".

FEATURES

The Grom series GRM20 is a miniature, linear architectural luminaire for general lighting use. The 1-3/8" wide by 2" tall extruded aluminum fixture is available for surface or cable mounting. An integral, miniature 0-10V dimming or non-dimming driver with multiple output options powers 90+ CRI LEDs. Extruded, frosted acrylic lenses are available in a flush and two drop profile options. Fixture with certain options available for 10-Day QuickShip.

SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, extruded acrylic lenses and 1/4" thick machined aluminum end caps

Model variations offered for surface and cable suspended applications

Standard finishes as shown below

Optional end cap with chamfered edges and lathe machined face available in mill aluminum finish

Available in nominal lengths of 2'-8' single fixtures and continuous runs

Standard integral 120-277V driver offered with 0-10V dimming or non-dim

Remote mounted emergency battery backup available (ordered separately, consult factory for details)

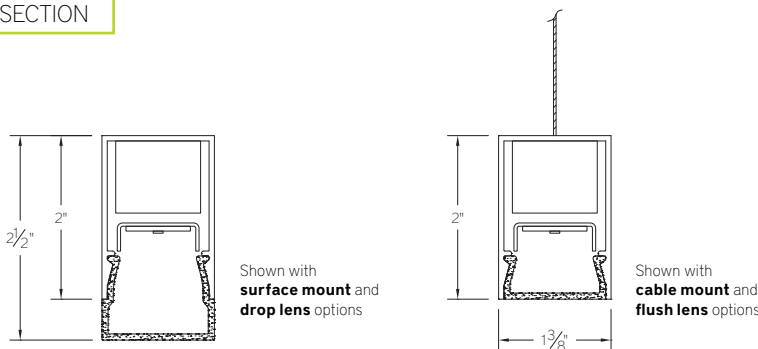Standard light outputs range from 470 to 630 lumens per foot, depending on optic option

LEDs available in 2700K, 3000K, 3500K and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical

Life: 50,000 hours L_{70}

Limited five year warranty

UL and C-UL listed for dry and damp locations

SECTION

Shown with **surface mount** and **drop lens** options

Shown with **cable mount** and **flush lens** options

PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs

NOMINAL LENGTH	OPTIC CONFIGURATION	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	Direct – flush lens	R: regular	470	5.1	1898	93
		H: high	610	6.7	2460	91
	Direct – drop lens, luminous ends	R: regular	485	5.1	1958	96
		H: high	630	6.7	2536	94

GRM20 –

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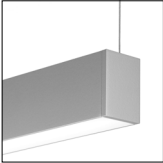
NOMINAL FIXTURE LENGTH*

23: 22-5/8"	61: 61-1/8"
24: 24-1/8"	67: 66-5/8"
28: 28-1/8"	72: 72-1/8"
34: 33-5/8"	78: 77-5/8"
39: 39-1/8"	83: 83-1/8"
45: 44-5/8"	89: 88-5/8"
48: 48-1/8"	96: 96-1/8"
50: 50-1/8"	RUN ‡
56: 55-5/8"	

CORRELATED COLOR TEMPERATURE

27: 2700K-90+ CRI
30: 3000K-90+ CRI
35: 3500K-90+ CRI
40: 4000K-90+ CRI

LIGHT OUTPUT
(lumens per foot w/ optic option C)

R: regular – 485
H: high – 630

DRIVER

ND: non-dimming

[Dimming]
D: 0-10V, 1%
DTR: triac, 1%, (120V ONLY)
DLV: electronic low voltage, 1%, (120V ONLY)

OPTIC

A: flush lens
B: drop lens - solid end
C: drop lens - luminous end

MOUNT

SM: surface mount
C4: cable mount 4' cable length
C8: cable mount 8' cable length
CF: consult factory for custom mounting

RUN CONFIGURATION

SN: single
ST: starter
AD: adder
TR: terminator

OPTIONS

LEC: lathe finish end cap**

FINISH

AW: architectural white (semi-matte)
WH: white (semi-gloss)
BL: black (semi-matte)
MB: matte black
ESS: enivronmental satin silver
BZ: bronze
PR: primer
CF: consult factory for custom finish
SA: satin anodize (may require additional lead time)

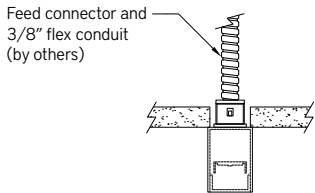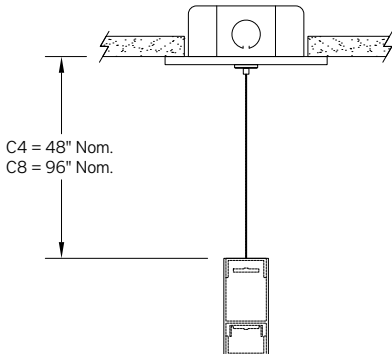* Actual dimension dependent on run configuration.
** End cap finish is mill aluminum. Powder coating or satin anodizing will conceal the fine machined surface detail.
‡ Specify run length to the nearest 1". Factory will configure using the least quantity of fixtures <u>as close to the desired run length as possible.</u> Run to be confirmed with a shop drawing.
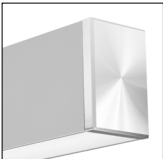
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OPTIC

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	A	FLUSH LENS	Flush frosted acrylic extrusion
	B	DROP LENS – SOLID END	½" H frosted acrylic extrusion with full height aluminum end cap
	C	DROP LENS – LUMINOUS END	½" H frosted acrylic extrusion with matching acrylic end cap

MOUNTING

	ORDERING CODE	DESCRIPTION
Feed connector and 3/8" flex conduit (by others)	SM	**SURFACE MOUNT** Use appropriate fastener through Ø3/16" holes in housing Single (SN) and Starter (ST) fixtures provided with Ø7/8" feed hole for use with snap-in style electrical connectors (by others)
C4 = 48" Nom. C8 = 96" Nom.	C4 and C8	**CABLE MOUNT** Mounting option includes: • Ø 1/32" x 48" (C4) or 96" (C8) aircraft cables • 60" (C4) or 108" (C8) low voltage cable (in coordinating finish) • Bracket bars • Ø 5" white canopies • Canopy mount cable grippers

OPTIONS

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	LEC	LATHE FINISH END CAP	• 1/4" thick machined aluminum end cap with chamfered edges and lathe finish face • Finish is mill aluminum (Powder coating or satin anodizing will conceal the fine machined surface detail)

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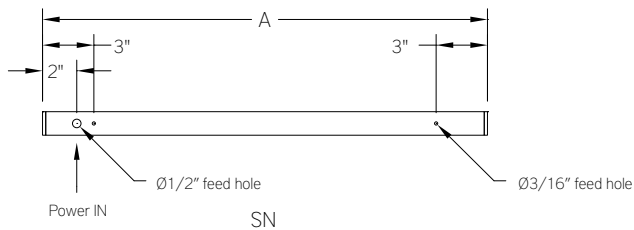1-3/8" x 2" rectilinear LED luminaire

LENGTH/MOUNTING DIMENSIONS

ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
23	22-5/8"	22-7/16"	22-1/4"
24	24-1/8"	23-15/16"	23-3/4"
28	28-1/8"	27-15/16"	27-3/4"
34	33-5/8"	33-7/16"	33-1/4"
39	39-1/8"	39-15/16"	38-3/4"
45	44-5/8"	44-7/16"	44-1/4"
48	48-1/8"	47-15/16"	47-3/4"
50	50-1/8"	49-15/16"	49-3/4"
56	55-5/8"	55-7/16"	55-1/4"
61	61-1/8"	90-15/16"	60-3/4"
67	66-5/8"	66-7/16"	66-1/4"
72	72-1/8"	71-15/16"	71-3/4"
78	77-5/8"	77-7/16"	77-1/4"
83	83-1/8"	82-15/16"	82-3/4"
89	88-5/8"	88-7/16"	88-1/4"
96	96-1/8"	95-15/16"	95-3/4"

RUN CONFIGURATION INFORMATION

ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

RUN INFORMATION

Back Plan - Surface Mount Single Fixture

Back Plan - Surface Mount Continuous Run

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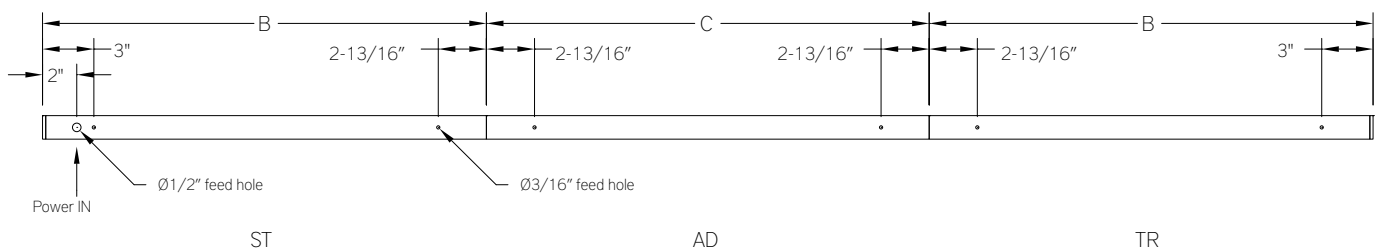
Side View - Single Fixture

C

SN
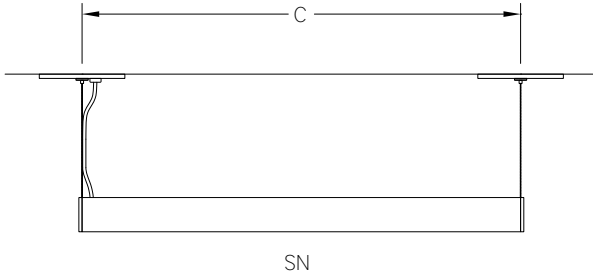
Side View - Continuous Run

C   C   C

ST   AD   TR