PRIME

4" LED ARCHITECTURAL SQUARE ADJUSTABLE COMPATIBLE WITH ARMSTRONG® WOODWORKS® 5¼ WIDE PLANKS

USE OF PRODUCT
The 4" PRIME series is the ideal product for architectural energy efficient lighting in commercial and residential applications. Available options include die-cast or anodized aluminum trims, various temperatures, optics, lumen outputs, and dimmable drivers.

LED ENGINE
LED engine available in 2700K, 3000K, 3500K, or 4000K in standard 90+ CRI. 2-step MacAdam ellipse allows for color consistency between fixtures. The LED is mounted to an aluminum heat sink for maximum life output and

FRAME CONSTRUCTION
Non-IC housing are constructed from a 16-gauge heavy-duty, powder-coated cold-rolled steel frame and includes a junction box with ½" knockouts. Butterfly brackets (included) accommodate universal bar hanger (order separately).

OPTICAL LENS
Field replaceable optical lenses are available in in 15°, 24°, 30°, 35°, 40°, 50° and 60°. Easily achieve narrow spot to wide flood beam pattern.

DIMMING
Available in nine driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0–10V (120–277V) dimming driver called Intelligent Drive, (EEI) eldoLED 1% Dim 0-10V, (EEIS) eldoLED 1% Dim 0-10V (120-277V) and Triac (120V), Max 20W, (EDIO) eldoLED 0.1 Dim 0-10V, (EDID) eldoLED 0.1% Dim DALI, (EDD) eldoLED 1% Dim DALI2, (LDE1) Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming, (L3DA) Hi-Lume 1% Ecosystem/3-Wire L3D Driver, (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming.

THERMAL MANAGEMENT
Fixture location ambient temperature should not exceed -20° to 40°C.

BEVEL
Bevel includes standard frosted acrylic diffuser. Remove standard frosted acrylic diffuser in field for 7% lumens increase. Consult factory for made-to-order finishes. Wet location for bathrooms and showers with standard lens on trim.

EMERGENCY BATTERY
Optional 8W (≈800 lm) or 15W (≈1,500 lm) emergency battery (EM) provides light for a minimum of 90 minutes. EM is replaceable from below the ceiling.

LABELS/COMPLIANCE/WARRANTY
- CSA listed for US and Canada
- Energy Star certified product
- Dry/Damp/Wet location rated
- State of California Title 24 and JA8 compliant
- 5-year limited warranty

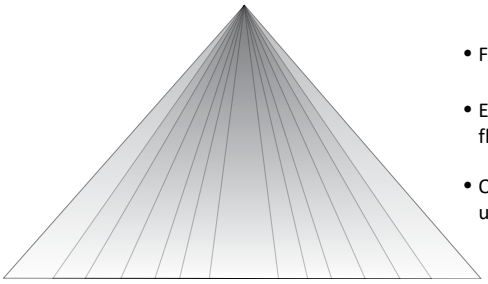
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	24W	28W	32W	33W	35W	40W	48W	56W
Initial Lumens	955	1296	1618	2015	2422	2799	3128	3405	4090	4626	4967	5786	6472
Delivered Lumens	424-829	581-1135	736-1436	907-1744	1101-2122	1279-2470	1442-2868	1589-3096	1815-3518	2097-3879	2274-4218	2636-4887	2953-5484

* Values are listed at 3000K, 90+ CRI with a white bevel & trim.
Delivered lumens range based on beam spread.
Performance may vary +/- 5%

BEAM SPREAD



Available optics: 15˚ 24˚ 30˚ 35˚ 40˚ 50˚ 60˚

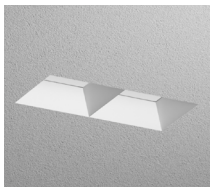
- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

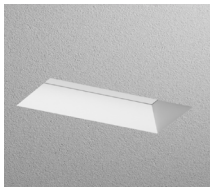
PRIME FAMILY OF PRODUCTS

Downlight

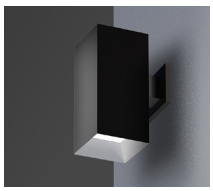
TechZone®

WoodWorks®


Multiple Dedicated Bevel


Multiple Open Bevel

Cylinder


Square Luminaire

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PRIME

4" LED ARCHITECTURAL SQUARE ADJUSTABLE COMPATIBLE WITH ARMSTRONG® WOODWORKS® 5¼ WIDE PLANKS

ORDERING INFORMATION

Series
RPA4

Wattage
6W - 6 Watt
9W - 9 Watt
12W - 12 Watt
15W - 15 Watt
20W - 20 Watt
24W - 24 Watt
28W - 28 Watt
32W - 32 Watt
33W - 33 Watt
35W - 35 Watt
40W - 40 Watt
48W - 48 Watt
56W - 56 Watt

Dimming
ID[1] - Standard All-Inclusive ELV, Triac, and 0–10V Dimming Driver (Intelligent Drive)
EEI[2] - eldoLED 1% Dim (0–10V)
EEIS[3] - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W
EDIO[2] - eldoLED 0.1% Dim (0-10V)
EDID[2] - eldoLED 0.1% Dim (DALI)
EDD[2] - eldoLED 1% Dim (DALI2)
LDE1[4] - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming
L3DA[4] - Hi-Lume 1% Ecosystem/3-Wire L3D Driver
PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming

Color Temperature
27K - 2700K
30K - 3000K
35K - 3500K
40K - 4000K

Optical Lens
15[5,6] - 15°
24[6] - 24°
30 - 30°
35 - 35°
40 - 40°
50 - 50°
60 - 60°

Filter
Blank - None
F - Frosted Filter
H - Honey Comb
S - Solite Filter
L - Linear Filter

Housing Type
WW8177 - Woodwork No. 8177

Collar
CS15 - 1.5" Depth
MTO - Made To Order

Woodworks Collar Finish
B[7] - Black
BZ - Bronze
MTO - Made To Order

Module Type
AMH - Adjustable

Frame Accessories
UH - Universal Bar Hanger

Options
ER8W - Emergency Battery with Remote Switch (800 lm)
EI8W - Emergency Battery with Integral Switch (800 lm)
ER15W - Emergency Battery with Remote Switch (1,500 lm)
EI15W - Emergency Battery with Integral Switch (1,500 lm)

Wireless Controls Options
AWN - Athena Wireless (Lutron)
CLM - Connected Lighting Module (Legrand Wattstopper)

Notes
1. Intelligent Drive is the standard driver.
2. Must specify logarithmic or linear eldoLED diver.
3. Driver available up to 20W and programmed only in linear mode.
4. Not offered in 6W.
5. Available up to 32W only.
6. 15° and 24° spread without lens on trim.
7. Black is the standard color.

TRIM ORDERING INFORMATION

Bevel Finish	Bevel
4" Square Flangeless Regress Large Opening	4SLO**W** - White bevel 4SLO**H** - Haze bevel 4SLO**WE** - Wheat bevel 4SLO**S** - Specular clear bevel 4SLO**B** - Black bevel 4SLO**MTO** - Made to order
4" Square Flangeless Accent	4SLA**W** - White bevel 4SLA**H** - Haze bevel 4SLA**WE** - Wheat bevel 4SLA**S** - Specular clear bevel 4SLA**B** - Black bevel 4SLA**MTO** - Made to order

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PERFORMANCE CHART

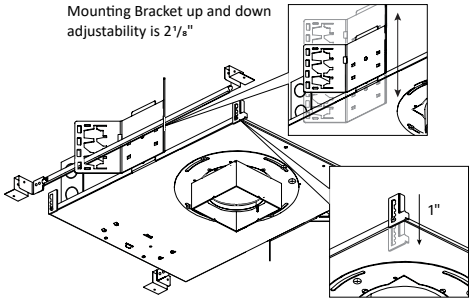
	Optics	[1,2]15°	[2]24°	30°	35°	40°	50°	70°
6W	Initial Lumens	955	955	955	955	955	955	955
	Delivered Lumens	803	829	748	771	785	713	650
9W	Initial Lumens	1296	1296	1296	1296	1296	1296	1296
	Delivered Lumens	1097	1135	1022	1055	1073	971	891
12W	Initial Lumens	1618	1618	1618	1618	1618	1618	1618
	Delivered Lumens	1387	1436	1285	1332	1347	1217	1129
15W	Initial Lumens	2015	2015	2015	2015	2015	2015	2015
	Delivered Lumens	1632	1744	1591	1644	1659	1481	1404
20W	Initial Lumens	2422	2422	2422	2422	2422	2422	2422
	Delivered Lumens	1976	2122	1933	2002	2017	1803	1706
24W	Initial Lumens	2799	2799	2799	2799	2799	2799	2799
	Delivered Lumens	2300	2470	2243	2333	2346	2101	1986
28W	Initial Lumens	3128	3128	3128	3128	3128	3128	3128
	Delivered Lumens	2820	2868	2519	2633	2646	2371	2245
32W	Initial Lumens	3405	3405	3405	3405	3405	3405	3405
	Delivered Lumens	2921	3096	2777	2902	2915	2614	2474
33W	Initial Lumens		4090		4090	4090	4090	4090
	Delivered Lumens		3518		3278	3383	3345	2877
35W	Initial Lumens		4626		4626	4626	4626	4626
	Delivered Lumens		3879		3618	3736	3710	3177
40W	Initial Lumens		4967		4967	4967	4967	4967
	Delivered Lumens		4218		3941	4072	4058	3462
48W	Initial Lumens		5765		5765	5765	5765	5765
	Delivered Lumens		4887		4570	4723	4718	4017
56W	Initial Lumens		6472		6472	6472	6472	6472
	Delivered Lumens		5484		5122	5304	5310	4510

* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

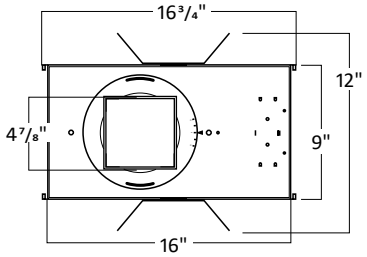
COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

2700K	3000K	3500K	4000K
0.95	1.00	1.04	1.07

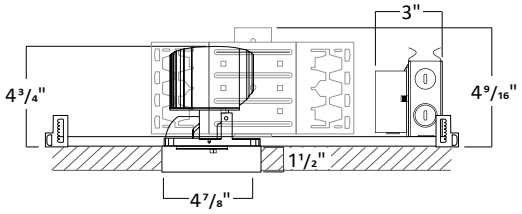
HOUSING DIMENSIONS 6W-20W



WW8177 - Woodwork No. 8177

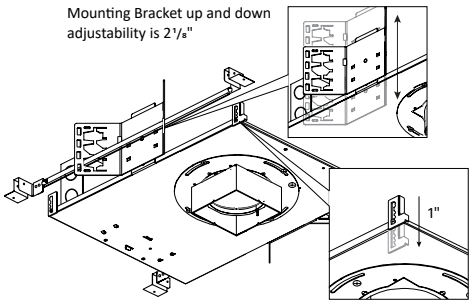


Universal bar hanger mounts on the length or width side of the fixture;
Ceiling mount bracket provides 1" adjustability.

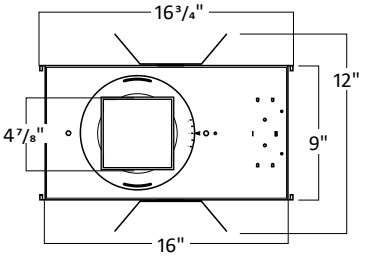


1. 1½ " is the standard collar height. Consult factory for Made to Order collar heights.
2. Allow ⅛" tolerance.

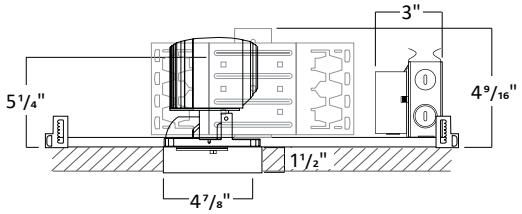
HOUSING DIMENSIONS 24W-56W



WW8177 - Woodwork No. 8177



Universal bar hanger mounts on the length or width side of the fixture;
Ceiling mount bracket provides 1" adjustability.



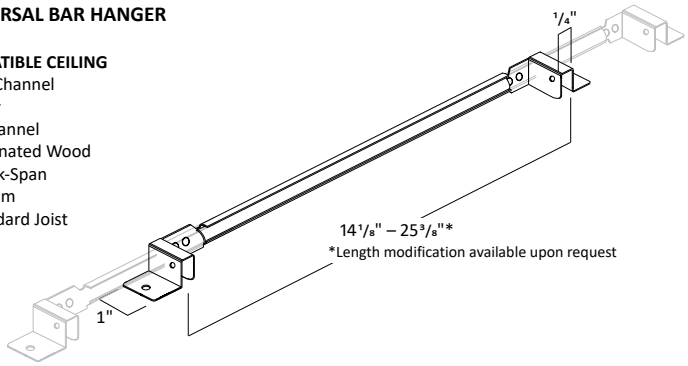
1. 1½ " is the standard collar height. Consult factory for Made to Order collar heights.
2. Allow ⅛" tolerance.

FRAME ACCESSORIES

UNIVERSAL BAR HANGER

COMPATIBLE CEILING

- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist

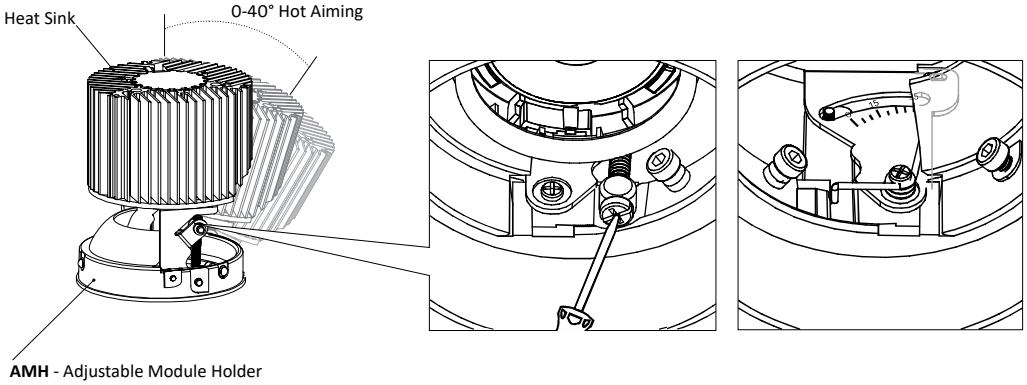


Length adjustment
up to 25⅜"

PRIME

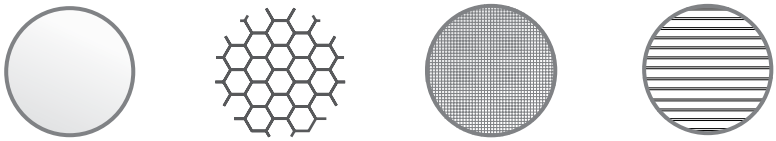
4" LED ARCHITECTURAL SQUARE ADJUSTABLE COMPATIBLE WITH ARMSTRONG® WOODWORKS® 5¼ WIDE PLANKS

LED MODULE



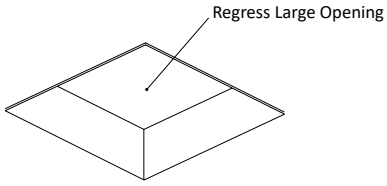
AMH - Adjustable Module Holder

FILTERS

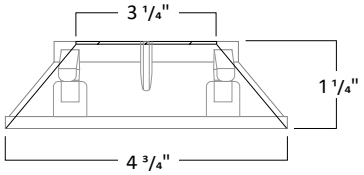


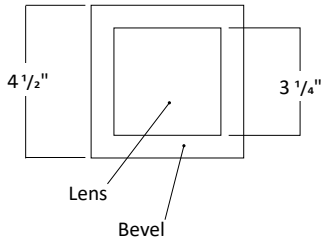
Frosted Filter | Honey Comb | Solite Filter | Linear Filter

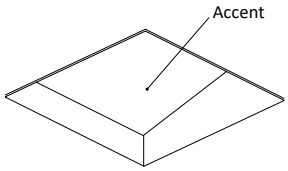
TRIM DIMENSIONS



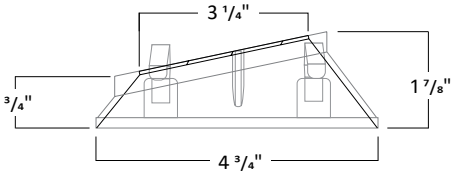
4SLO

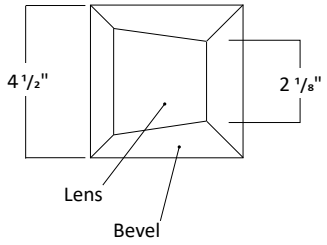






4SLA





TRIM FINISH

White | Haze | Wheat | Specular Clear | Black

*Consult Factory for Made to Order Finishes

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