



USE OF PRODUCT

The 4" Prime Downlight 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

OPTICAL LENS

Field replaceable optical lenses are available in 15°, 24°, 30°, 35°, 40°, 50° and 70°. 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, (EES) 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, (PEQO) 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



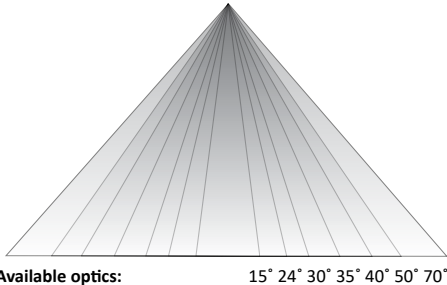
GENERAL PERFORMANCE CHART

*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	650-829	891-1135	1129-1436	1404-1744	1706-2122	1986-2470	2245-2868	2474-3096	2877-3518	3177-3879	3462-4218	4017-4887	4510-5484

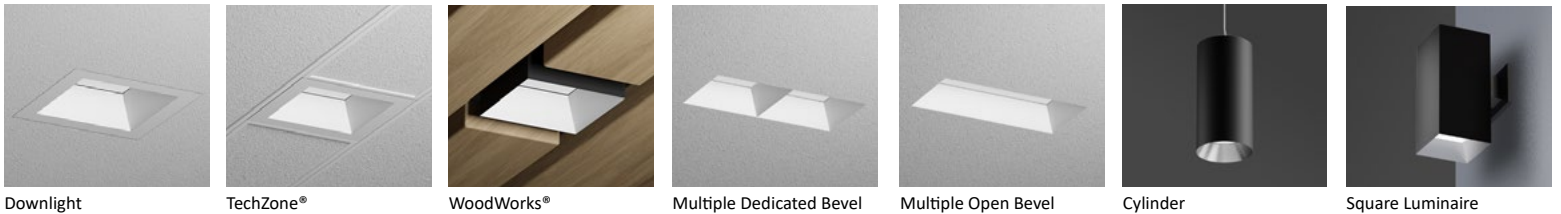
* Values are listed at 3000K, 90+ CRI with a white bevel & trim.
Delivered lumens range based on beam spread.
Performance may vary +/- 5%

BEAM SPREAD



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

PRIME FAMILY OF PRODUCTS



ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter	Housing Type
RPA4	6W - 6 Watt	ID ¹ - Standard All-Inclusive ELV, Triac, and 0–10V Dimming Driver (Intelligent Drive)	27K - 2700K	15 ^{5/6} ° - 15°	None - Included	NCWW8177 - Non IC Woodwork No. 8177
	9W - 9 Watt	EEI ² - eldoLED 1% Dim (0–10V)	30K - 3000K	24 ⁶ ° - 24°	F - Frosted Filter	
	12W - 12 Watt	EEIS ³ - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W	35K - 3500K	30° - 30°	H - Honey Comb	
	15W - 15 Watt	EDIO ² - eldoLED 0.1% Dim (0-10V)	40K - 4000K	35° - 35°	S - Solite Filter	
	20W - 20 Watt	EDID ² - eldoLED 0.1% Dim (DALI)		40° - 40°	L - Linear Filter	
	24W - 24 Watt	EDD ² - eldoLED 1% Dim (DALI2)		50° - 50°		
	28W - 28 Watt	LDE1 ⁴ - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming		70° - 70°		
	32W - 32 Watt	L3DA ⁴ - Hi-Lume 1% Ecosystem/3-Wire L3D Driver				
	33W - 33 Watt	PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming				
	35W - 35 Watt					
	40W - 40 Watt					
	48W - 48 Watt					
	56W - 56 Watt					

Collar	Woodworks Collar Finish	Module Type	Frame Accessories	Options
CR15 - 1.5" Depth	B ⁷ - Black	FMH - Downlight	UH - Universal Bar Hanger	ER8W - Emergency Battery with Remote Switch (800 lm)
MTO - Made To Order	BZ - Bronze			EI8W - Emergency Battery with Integral Switch (800 lm)
	MTO - Made To Order			ER15W - Emergency Battery with Remote Switch (1,500 lm)
				EI15W - Emergency Battery with Integral Switch (1,500 lm)

TRIM ORDERING INFORMATION

Bevel Finish		Notes
4" Round Flangeless Open	Bevel	1. Intelligent Drive is the standard driver. 2. Must specify logarithmic or linear eldoLED diver. 3. Available up to 20W and programmable 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.
	4RLOW - White bevel 4RLOH - Haze bevel 4RLOWE - Wheat bevel 4RLOS - Specular clear bevel 4RLOB - Black bevel 4RLOMTO - Made to order	

PERFORMANCE CHART

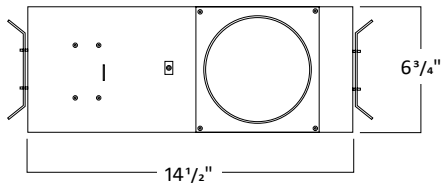
Optics		^{1,2} 15°	² 24°	30°	35°	40°	50°	70°
6W	Initial Lumens	955	955	955	955	955	955	955
	Delivered Lumens	803	829	748	771	785	713	650
9W	Initial Lumens	1296	1296	1296	1296	1296	1296	1296
	Delivered Lumens	1097	1135	1022	1055	1073	971	891
12W	Initial Lumens	1618	1618	1618	1618	1618	1618	1618
	Delivered 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.

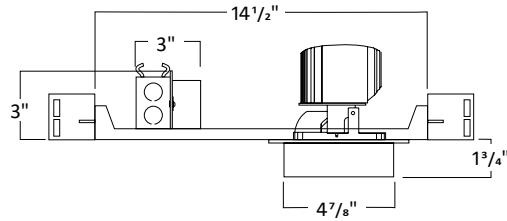
COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

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

HOUSING DIMENSIONS



NCWW8176 - Non-IC Woodwork No. 8176



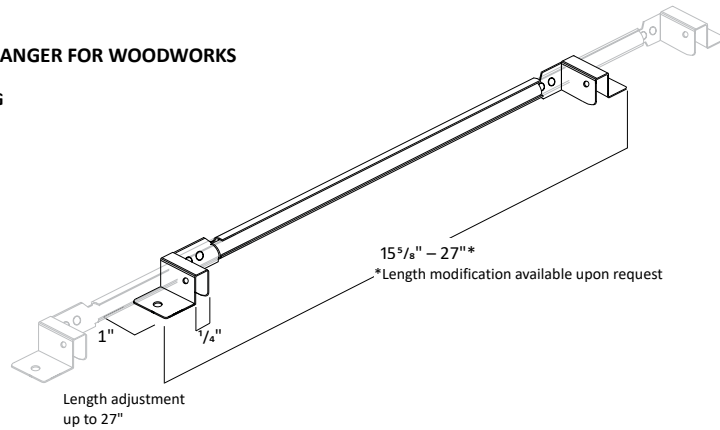
Allow 1/8" tolerance

FRAME ACCESSORIES

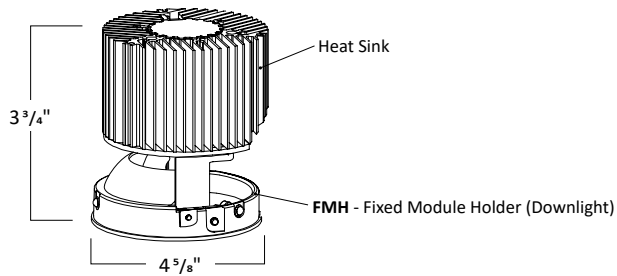
UNIVERSAL BAR HANGER FOR WOODWORKS

COMPATIBLE CEILING

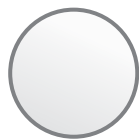
- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist



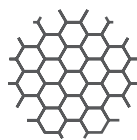
LED MODULE



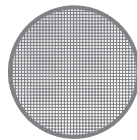
FILTERS



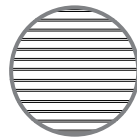
Frosted Filter



Honey Comb

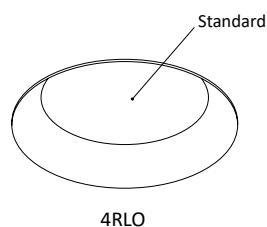


Solite Filter

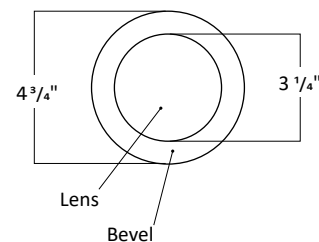
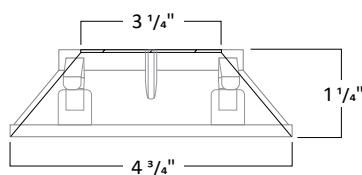


Linear Filter

TRIM DIMENSIONS



4RLO



TRIM FINISH



White



Haze



Wheat



Specular Clear



Black

*Consult Factory for Made to Order Finishes