

HMDL

3" Deep Regress Downlights

3" aperture recessed downlight offering up to 1700 delivered lumens. This mini downlight family is complete with high performance and an expansive range of options for optics, trim styles, trim configurations, beam spreads, housings, mounting, and more – offering the flexibility your projects require.

Features:

- Architectural Friendly: Up to 50,000 unique combinations
- Adjustable Ring: 360° rotation and a maximum 30° tilt angle
- 2 in 1 Dimming: 0-10V (Dim to 1%) and TRIAC in one package
- COB LED: 4 Fixed CCT 90+ CRI or Dim to Warm 95+ CRI options.
- Beam Angle: 4 optics series with 15°~60° options
- Trimmed, trimless with various shades options
- New construction and remodel driver options for any site condition

LED System

LED: Powered by CREE or Bridgelux high efficiency COB LED chip.

CRI: 90+ for fixed CCT or 95+ CRI for Dim to Warm, producing outstanding illumination at a tight chromaticity specification and color binning process.

CCT: 2700K,3000K, 3500K and 4000K fixed CCT with a great color consistency or Dim to Warm from 3000K to 2000K.

Light Engine Heatsink: Aluminum housing acting as the heat sink to maximize life. The temperature of all heatsinks are controlled at 60-70°C.

Electrical

LED Driver: It is powered by Class 2 high efficiency LED driver, with a standard 0-10V dimming which continuous dims to 1% or Triac dimming that works with many types of controls. Thermal overload protection shuts down the luminaire when system temperatures exceed designed operating conditions.

THD: <20%

Power Factor: >0.9

Input Voltage: Standard electronic drivers are cULus recognized and available for 110-277V AC.

Environment: Damp rated for an ambient operating temperature of -20°C to +40°C (-4° to +104°F)

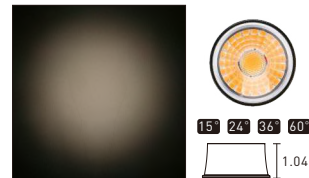
NOTES: Ambient temperatures at fixture location should not exceed 40°C during normal operation. *For interior use only*

Listings:

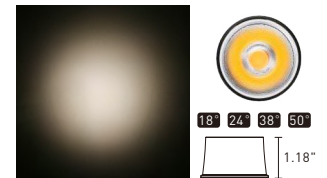
- cULus listed for damp locations
- Five-year warranty for parts and components.(Labor not included)



Standard Lens



Low Glare Lens Lens



Lens: Classic reflector-like design provides high lighting transmittance. It effect in light control and anti-glare with side facula and fade-out facula. The MR16 standard size(diameter 1.96")design make them widely practical. Available in 15°~60° beam angles, beam spreads are interchangeable which can be easily swapped out in the field without tools.

Trimmed With Flange

Trimless Spackle-In



Installation: Twist & Lock feature for easy trim installation. Durable tension clips are allowing for fast and easy flush installation.

PERFORMANCE

Wattage Selectable	Round, 24° Beam @ 3000K		Square 24° Beam @ 3000K		Dim to Warm 3000K~2000K 95+ CRI
	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	
5W	95LM/W	475LM	95LM/W	475LM	Up to 13W 1200LM 95LM/W
8W	100LM/W	800LM	96LM/W	768LM	
10W	99LM/W	990LM	95LM/W	950LM	
13W	95LM/W	1235LM	91LM/W	1183LM	
16W	91LM/W	1456LM	87LM/W	1390LM	
19W	89LM/W	1690LM	85LM/W	1615LM	

Remark: The lumens are subject to 3000K, 90+ CRI, 24° beam angle, white round trim with 360° horizontal adjustable holder. Lumen output may vary ± 5% base on different CCT, beam angle, adjustable holder, trim shape and shade.

Trim Finish / Shade

Powder coat white and black finishes offer uniform finish providing long term performance and superior aesthetic, compatible for multiple trim shades.



PRODUCT ORDERING GUIDE

Example: CP3R-TW-19W-DT1-9027-B36-HA-RW-RM

*Available For Quickship - Coming Soon.

HMDL

Product Family	Size and Shape	Flange Type	Wattage Selectable	Dimming Options	CRI Options	LED Color Options	Beam Options	Adjustable Holder
HMDL Downlight Series	3R QuickShip 3inch Round	TW QuickShip Trimmed With White Flange	19W QuickShip Up to 19W, 1700LM (5W, 8W, 10W, 13W, 16W, 19W Field-selectable)	DT1 QuickShip 0-10V, (Dim To 1%) Or TRIAC Dimming	90 QuickShip 90+ CRI	27 QuickShip 2700K Cree COB	B15 QuickShip Beam 15°	HA QuickShip 360° Horizontal Adjustment
	3S QuickShip 3inch Square	TB QuickShip Trimmed With Black Flange						
		TL QuickShip Trimless						
					95 QuickShip 95+ CRI (ONLY For Dim To Warm)	30 QuickShip 3000K Cree COB	B24 QuickShip Beam 24°	
						35 QuickShip 3500K Cree COB	B36 QuickShip Beam 36°	
						40 QuickShip 4000K Cree COB	B60 QuickShip Beam 60°	
						DW QuickShip Dim to Warm 3000K-2000K Bridgelux COB (13W Max)	L18 QuickShip Beam 18°	
							L24 QuickShip Beam 24°	
							L38 QuickShip Beam 38°	
							L50 QuickShip Beam 50°	

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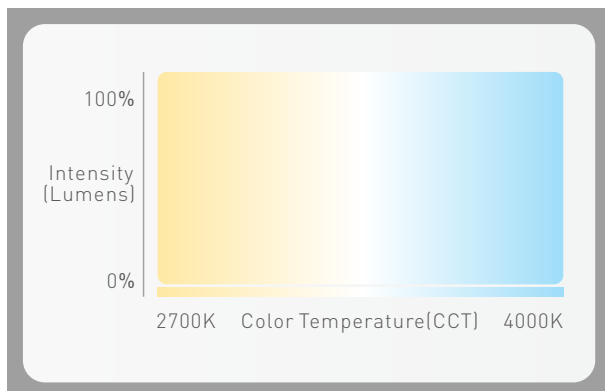
Trim Shade						Mounting	Optic Media(Optional)	Emergency (Optional)
 Square	 SW White QuickShip	 SB Black QuickShip	 SG Gold QuickShip	 SC Chrome QuickShip	RM QuickShip Remodel (NON-IC) NF QuickShip New Construction- Frame Kit (NON-IC) NH QuickShip New Construction- Housing Insulation Kit (IC)	{Blank} None	{Blank} None	
 Round	 RW White QuickShip	 RB Black QuickShip	 RG Gold QuickShip	 RC Chrome QuickShip		HB QuickShip Honeycomb (Only For Round/Square Shade)		EM QuickShip Emergency Pre-install 8W LED Emergency Driver And Indicator Before Delivery
 Pinhole Round	 PWW Inside White Outside White QuickShip	 PBW Inside Black Outside White QuickShip	 PGW Inside Gold Outside White QuickShip	 PCW Inside Chrome Outside White QuickShip		WR QuickShip Waterproof Plate [Wet Rated] For Round Shade		
 Pinhole Oval	 PWB Inside White Outside Black QuickShip	 PBB Inside Black Outside Black QuickShip	 PGB Inside Gold Outside Black QuickShip	 PCB Inside Chrome Outside Black QuickShip		WS QuickShip Waterproof Plate [Wet Rated] For Square Shade		
 Round Wall Wash	 OWW Inside White Outside White QuickShip	 OBW Inside Black Outside White QuickShip	 OGW Inside Gold Outside White QuickShip	 OCW Inside Chrome Outside White QuickShip	Decorative Kit (Only For Round Shade)  Yellow QuickShip +    Green QuickShip +    Transparent QuickShip +    Blue QuickShip +    Red QuickShip +  			
 Square Wall Wash	 OWB Inside White Outside Black QuickShip	 OBB Inside Black Outside Black QuickShip	 OGB Inside Gold Outside Black QuickShip	 OCB Inside Chrome Outside Black QuickShip				
	 WRW Round White QuickShip	 WRB Round Black QuickShip						
	 WSW Round White QuickShip	 WSB Round Black QuickShip						



Fixed CCT

- 2700K, 3000K, 3500K, 4000K
- 90+CRI

2700K-4000K



Dim to Warm

- 2000K - 3000K
- 95+CRI

2000K-3000K

