

LED RECESSED
PRODUCT OVERVIEW



Large enough to do it right, small enough to care.

Since our founding in 1989, Nora Lighting has grown from a small importer of lighting fixtures to a designer and manufacturer of quality LED and non-LED residential and commercial lighting. Our long-time customers and reps are familiar with our humble beginnings as a company and for those of you who are newer to Nora, this story is at the core of how we make choices and how we operate and thrive as a business.

Jilla and I fled Iran in 1987 as refugees and started Nora Lighting two years later in a 1,000 ft² office with only 4 SKU's. With no lighting background or business network in the US, we earned our customers' trust through honest business practices, exceptional service, and quality products. Our same core values of "Service, Quality, and Value" are still very much true today. Through tireless hard work with our amazing Nora team, we were able to expand our product offering, engineering capabilities, warehousing, and sales network to what it is today. We proudly boast a portfolio of over 40,000 SKUs and have our products stocked in over 300,000 ft² of warehouse space across the country.

In 2013, our daughter Neda joined our business to lead it into the second generation. We have supported this next generation of our business with large investments in company infrastructure, inventory, warehousing, and personnel. Our 100% cloud-based ERP system allows us and you to access real-time information from anywhere at any time and has increased our inventory accuracy to over 98% month-over-month. Our newly renovated R&D center is equipped with the latest technology and a UL certified lab. Our product offering, with its quality and pricing is unparalleled in our industry. Our warehouses are filled wall-to-wall with inventory and in 2022 alone, we added two new distribution centers and added two new sales territories to allow us to better serve our customers and reps.

We look forward to welcoming you to our new state-of-the-art showroom and training facility in Los Angeles starting in 2023. To know us is to understand our slogan of "large enough to do it right, small enough to care." We are a proud family-owned and operated business. Doing business with Nora means you come first because family always comes first.

Thank you for trusting us and supporting us over the last 30+ years. We are confident that we have positioned ourselves for another very successful 30+ years.

Fred Farzan President

DEDICATED HOUSING

SAPPHIRE II

Architectural and Commercial Downlights

Apertures: 4", 6" and 8" Lumens: 900lm to 8000lm CCT: 2700K, 3000K, 3500K, 4000K

Sapphire II architectural / commercial grade luminaires feature COB LED technology with specifiable beam spreads. Deep cone open reflectors, adjustable, wall wash or decorative glasses reflectors. Frame-in options include universal architectural/commercial, remodel or retrofit existing frame-ins.

MARQUISE II

Light Commercial & High-End Residential

Apertures: 4", 5" and 6" Lumens: 900lm to 2500lm CCT: 2700K, 3000K, 3500K, 4000K

Commercial and high-end residential ICAT series that utilizes the same COB LED technology as the Sapphire II Series. Variety of adjustable reflectors, square, slope and baffles. Housings include new construction, remodel, slope or retrofit existing housings.

IOLITE

Specification Grade Downlights

Apertures: 1", 2" and 4" **Lumens:** 600lm to 2500lm

CCT: 2700K, 3000K, 3500K, 4000K, 5000K,

Comfort Dim (warm dim)

Small aperture specification grade downlights feature COB LED technology with field adjustable beam spreads or 10° optic in a variety of square and round trims. 2" and 4" apertures are also available in trimless, for a clean knife edge look.

COBALT HIGH LUMEN

Light Commercial and High-End Residential

Aperture: 6"

Lumens: 1500lm or 2000lm CCT: 2700K, 3000K, 3500K, 4000K

Cobalt high lumen LED downlights utilize the same trims as our Click series for higher ceiling applications. High lumen downlights require a dedicated housing available in new construction or remodel, for IC or Non-IC applications.

COBALT SHALLOW

Commercial and Residential

Aperture: 4"

Lumens: 850lm or 1250lm CCT: 2700K, 3000K, 3500K, 4000K

At only 2-5/8" height, Cobalt shallow housing is a perfect solution for shallow plenums and wet locations. The housing features a patented driver compartment for easy maintenance and access to driver from below the ceiling. A variety of round and square trims are available.

RETROFIT

ONYX RETROFIT

Dedicated or Selectable CCT • Adjustable or Fixed Trims

Apertures: 4", 5" and 6" **Lumens:** 700lm to 1150lm

CCT: 2700K, 3000K, 3500K, 4000K, 5000K

Onyx LED retrofits are available in dedicated or selectable CCT. Trim styles include adjustable, baffle, square, wall wash and reflectors that are compatible with most IC and Non-IC housings. Selectable CCT fixtures include a 5 CCT switch located on the back of each luminaire.

COBALT RETROFIT

Dedicated CCT • Adjustable or Fixed Trims • EM option

Apertures: 4", 5" and 6" Lumens: 750lm to 1200lm CCT: 2700K, 3000K, 3500K, 4000K

Cobalt LED retrofits consists of Click Series and Adjustable Series. Each retrofit utilize COB LEDs throughout the entire family, for a consistent appearance throughout. Fixtures are available with emergency wiring for easy installation with remote emergency battery.



Specification Grade LED Retrofits

Aperture: 4", 5" and 6" Lumens: 1200lm

CCT: 2700K, 3000K, 3500K, 4000K, Comfort Dim (warm dim)

Specification LED retrofits utilize the same 4" lolite technology for a high grade retrofit solution in residential and light commercial applications. Featuring COB LED technology with field adjustable beam spreads and a variety of square and round trims.

MARQUISE II RETROFIT

Commercial & Residential Grade Retrofits

Apertures: 4", 5" and 6" Lumens: 900lm

CCT: 2700K, 3000K, 3500K, 4000K

Marquise LED retrofits utilize the same trims as dedicated Marquise Il downlights for a deep cone solution in commercial and residential applications. Featuring COB LED technology with specified beam spreads in spot, narrow or flood options.

SAPPHIRE II RETROFIT

Lumens: 900lm to 4500lm

Sapphire LED retrofits utilize the same trims as dedicated Sapphire Il downlights for an easy replacement to out dated architectural and commercial luminaires. Featuring COB LED technology with specified beam spreads in spot, narrow or flood options. Variety of trims are available in reflector, wall wash or decorative glass options.









CAN-LESS

FLIN & FLAT

Wafer Downlights with Selectable CCT

Apertures: 4" and 6" **Lumens:** 650lm to 1300lm **CCT:** Selectable CCT



Wafer downlights are perfect solution any application. A selectable CCT switch is built-in to remote dimmable driver, allowing the end user to select the color temperature. IC Air-Tight luminaires feature a regressed lens and sharp baffle for reduced aperture brightness.

IOLITE CAN-LESS

Specification Grade Downlights

Apertures: 1", 2" and 4" **Lumens:** 900lm to 1250lm

CCT: 2700K, 3000K, 3500K, 4000K or Comfort Dim

Award winning lolite dedicated downlights in a small form factor for new construction or remodel applications. IC air-tight rated luminaires are ordered a la carte (module, trim and driver) and each module includes field changeable optics for customization.

THEIA

Deep LED Downlights with Selectable CCT

Apertures: 4", 6" and 8" **Lumens: 950lm to 2100lm CCT:** Selectable CCT



OUARTZ

Commercial LED Downlights with Selectable Lumens & CCT

Apertures: 4", 6" and 8" Lumens: 800lm to 2700lm **CCT:** Selectable CCT

Quartz downlights are an architectural and commercial grade luminaire with two selectable switches built-in to the top of the fixtures. Switches control the lumens output and CCT, allowing the



M1

1" 12V LED Downlight

Aperture: 1" Lumens: 100lm CCT: 2700K or 3000K

12V M1 LED modules include four plastic downlight trims, three optics and 6" quick connect. Field changeable trims are available in variety of styles in black, brushed nickel or white finish. A remote driver is required.

M1+

1" 120V LED Downlight

Aperture: 1" Lumens: 600lm CCT: 2700K or 3000K

120V M1+ downlights include a remote dimmable driver for IC air-tight applications. Round trim can be changed to square downlight for easy indoor & outdoor installations.

M2

2" LED Downlights

Aperture: 2"

Lumens: 400lm to 900lm CCT: 2700K, 3000K or 4000K

Award winning M2 downlights offer the most versatility and options for any application. IC air-tight rated luminaires are available in downlight, adjustable, round or square trims. A multiple lighting system can be created with a two head or three head trim MLS flange accessory.

M4

4" LED Downlights

Aperture: 4"

Lumens: 950lm or 1100lm CCT: 2700K or 3000K

M4 downlights are built off the same platform as M2 series, with a larger aperture and brighter output. IC air-tight rated luminaires are available in downlight, gimbal or elbow trims in round or square.

M-WAVE

Adjustable LED Downlights

Apertures: 2" and 4" **Lumens:** 750lm or 1250lm CCT: 2700K or 3000K

M-Wave downlights offers the most adjustment for aiming without any housing needed! IC air-tight rated luminaires extend up to 90° from surface and rotate 350°.

M-CURVE

Adjustable LED Downlights

Apertures: 4" and 6" Lumens: 900lm or 1300lm

CCT: Selectable CCT (27K/30K/35K/40K/50K)

M-Curve adjustable downlights never expose the ceiling opening while adjusting 360°. IC Air-Tight and wet location rated.



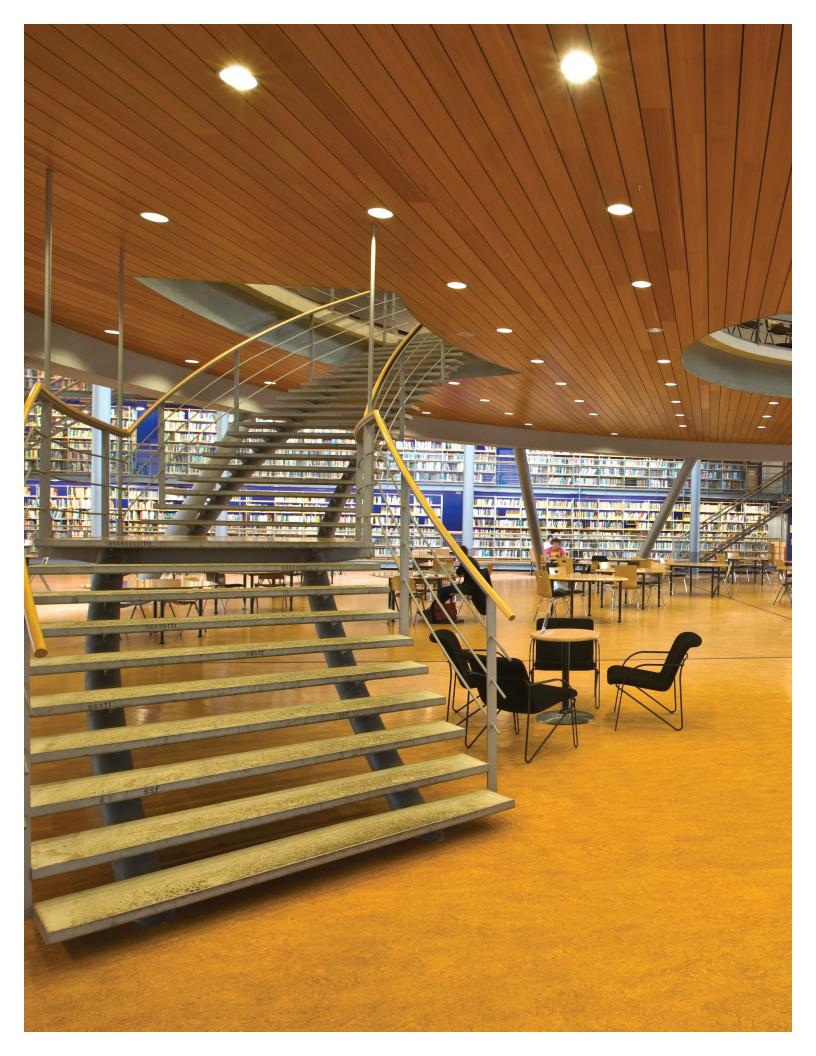


Comparison of Recessed Downlights



Comparison of Can-less Downlights









Black Reflector Self Flanged



Black Reflector White Flange



Clear Diffused Self Flanged



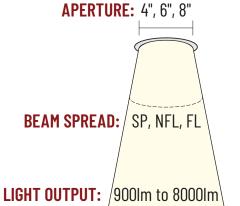


Clear Diffused





Haze Reflector White Flange



COLOR TEMPERATURE:









SAPPHIRE SERIES

Architectural and Commercial LED Downlights

A high efficiency commercial series feature COBLED packages (Cree TrueWhite® or Cree COB). Sizes includes 4", 6" & 8" apertures up to 8000 lumen packages in 2700K, 3000K, 3500K or 4000K. Featuring deep cone open reflectors, adjustable, wall wash or decorative glasses reflectors. Frame-in options include universal architectural/ commercial, remodel or retrofit existing frame-ins.

APPLICATION:	Architectural and Commercial
INSTALLATION:	New Construction, Remodel, Retrofit
APERTURES:	4", 6" and 8"
LUMENS:	900lm to 8000lm (non-adjustable) 900lm to 3500lm (adjustable)
COLOR TEMP.:	2700K, 3000K, 3500K, 4000K
DIMMING:	Triac, ELV or 0-10V
LISTINGS:	cULus listed for wet locations (adjustable is damp) ENERGY STAR certified

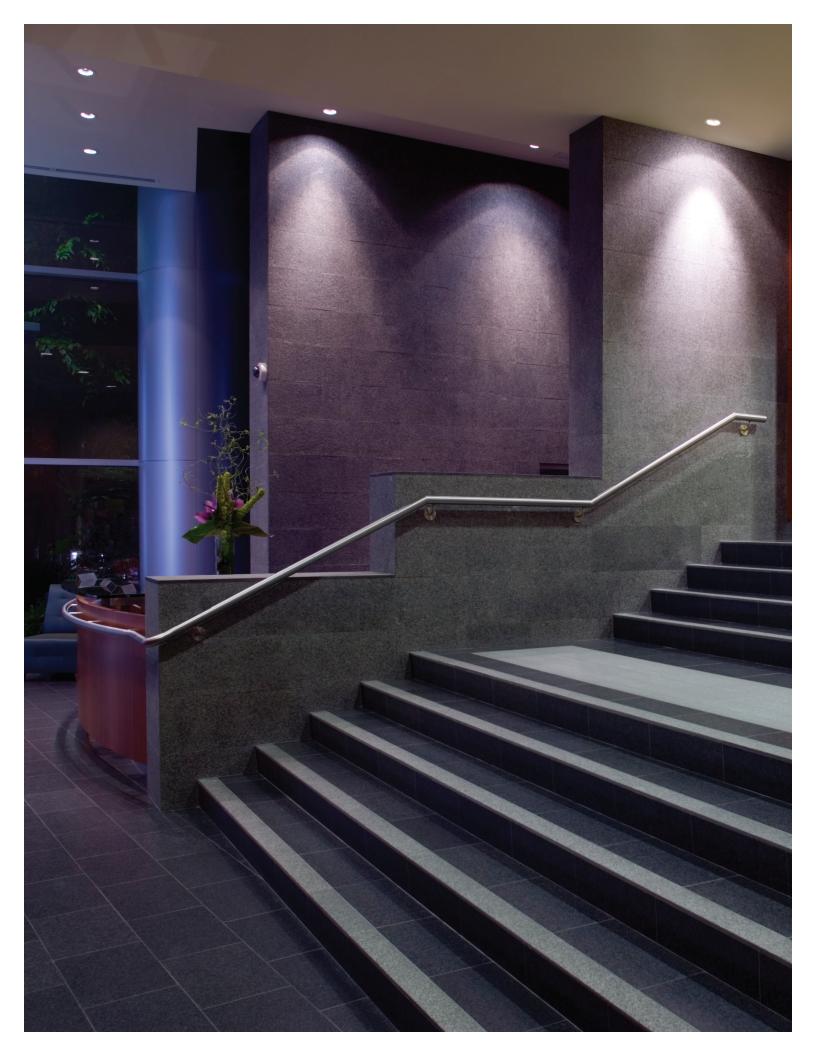














Shown with Clear Diffused Shown with Specular Clear Reflector Shown with Haze Reflector

APERTURE: 4", 6", 8" **BEAM SPREAD:** WIDE FLOOD **LIGHT OUTPUT:** /800lm to 2700lm

COLOR TEMPERATURE: (3000K) (3500K) (4000K)

QUARTZ SERIES

Selectable Wattage & Selectable CCT

Quartz Series is an IC rated architectural/commercial grade LED high lumen downlight. Each luminaire includes two tunable switches; Selectable Lumens allows the end user to determine the wattage input & Selectable CCT allows for changing color temperature appearance. Producing up to 2700lm in 3000K, 3500K or 4000K in 4", 6" or 8" apertures. Snap-in reflectors allow for in-field adjustment and customization. Easily upgrade old commercial and architectural fixtures to LED technology with Quartz's included pre-wired junction box.

APPLICATION:	Architectural and Commercial
INSTALLATION:	Can-less
APERTURES:	4", 6" and 8"
LUMENS:	Selectable Lumens - 4" (1250lm to 800lm), 6" (2200lm to 1350lm), 8" (2700lm to 1650lm)
COLOR TEMPERAT	ure: Selectable CCT (3000K / 3500K / 4000K)
DIMMING:	0-10V
LISTINGS:	cULus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022











Reflector







(2700K) (3000K) (3500K) (4000K)

Haze Reflector Haze Flange Matte Powder White White Reflector Matte Powder White White Flange

CERTIFIED













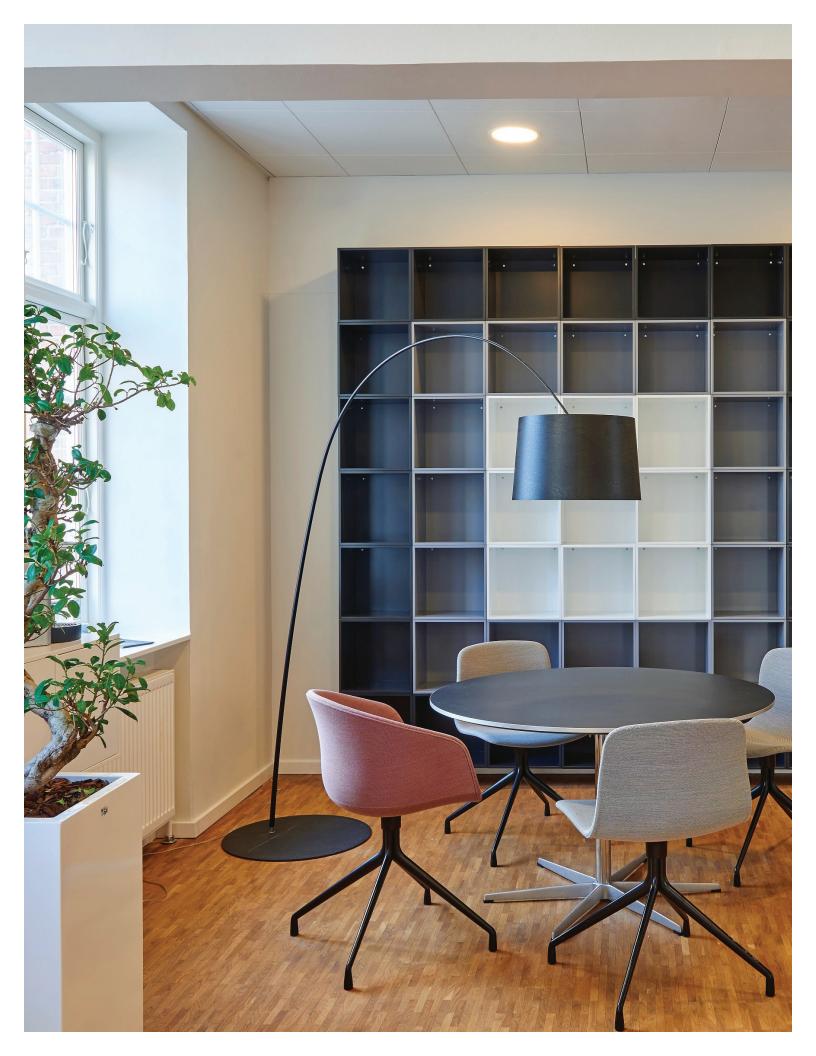
Architectural and Commercial LED Downlights

Commercial and high-end residential downlights that utilize the same COB LED technology as the Sapphire II Series. Available in 4", 5" & 6" apertures up to 2500 lumen packages in 2700K, 3000K, 3500K or 4000K. Variety of adjustable reflectors, square, slope and baffles. Housings include new construction, remodel, slope or retrofit existing housings.

APPLICATION:	Commercial and High-End Residential
INSTALLATION:	New Construction, Remodel, Retrofit, Sloped Ceiling
APERTURES:	4", 5" and 6"
LUMENS:	900lm to 2500lm
COLOR TEMPERATUR	E: 2700K, 3000K, 3500K, 4000K
DIMMING:	Triac, ELV or 0-10V
LISTINGS:	cULus listed for wet locations (adjustable is damp) ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022
	TITLE ASSEMBLED AID

COLOR TEMPERATURE:

Black Reflector White Flange Copper Reflector Copper Flange Diffused Clear Diffused Flange





THEIA SERIES

Can-less LED Downlights with Selectable CCT

Commercial and residential IC Air-Tight LED downlights are designed for easy installation into new construction or remodel applications. Available in 4", 6" & 8" apertures and delivering up to 2100 lumens. Each luminaire includes five color temperatures (27K/30K/35K/40K/50K) with an integral switch. Each downlight includes a pre-wired junction box with dimmable LED driver.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	New Construction and Remodel
APERTURES:	4", 6" or 8"
LUMENS:	950lm to 2100lm
COLOR TEMPERATU	RE : Selectable CCT (27K / 30K / 35K / 40K / 50K)
DIMMING:	Triac or ELV
LISTINGS:	cETLus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022















BEAM SPREAD: Wide Flood

LIGHT OUTPUT: / 950lm to 2100lm

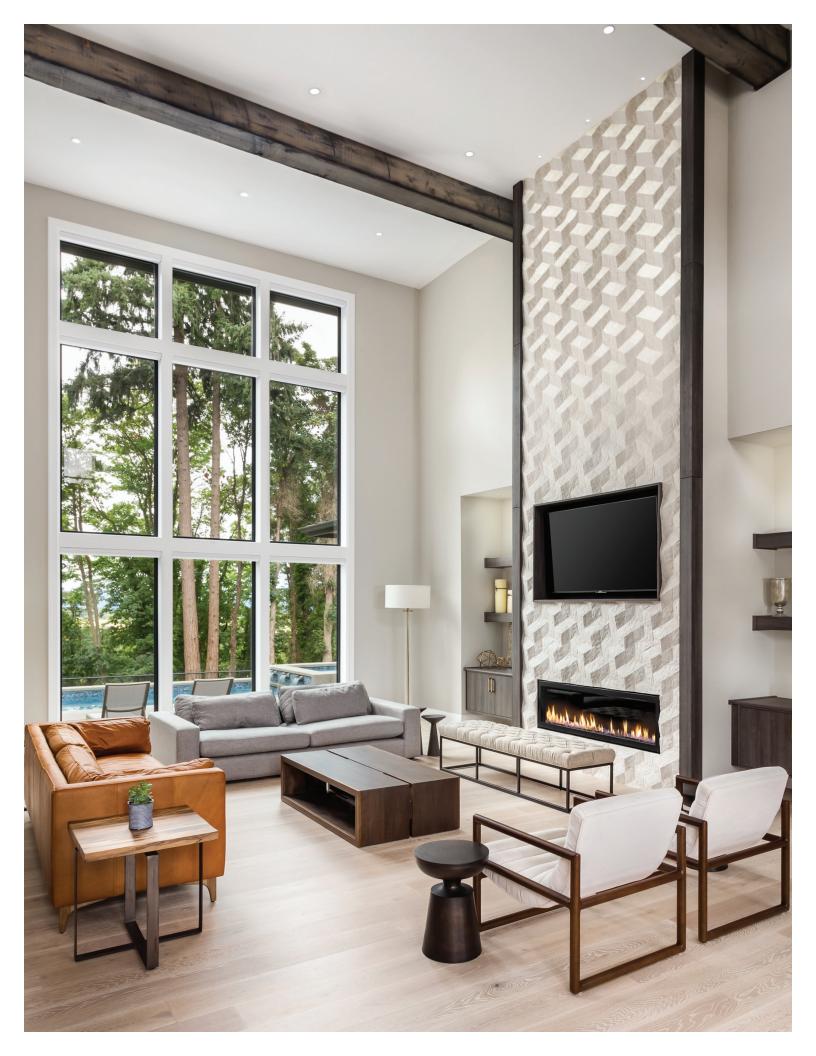
APERTURES: 4", 6", 8"



New Construction frames available











Haze Reflector

White Flange

Black Reflector Black Flange

Black Reflector Matte Powder White

Black Reflector White Flange



Bronze Reflector Bronze Flange















IOLITE

Dedicated Specification Grade Downlights

Small aperture specification downlights available in 1", 2" and 4" apertures. Featuring COB LED technology with field adjustable beam spreads (10° optic also available) and a variety of square and round reflectors. Iolite Series produces up to 2500 lumens in 2700K, 3000K, 3500K, 4000K, 5000K or Comfort Dim technology. Also 2" and 4" $\,$ apertures are available in trimless, for a clean knife edge look. Housings include new construction, remodel or retrofit existing housings.

APPLICATION:	Architectural, Commercial and High-End Residential
INSTALLATION:	New Construction, Remodel, Retrofit, Trimless
APERTURES:	1", 2" and 4"
LUMENS:	600lm to 2500lm
COLOR TEMPERATU	RE: 2700K, 3000K, 3500K, 4000K, 5000K, Comfort Dim
DIMMING:	Triac, ELV, 0-10V or Lutron EcoSystem
LISTINGS:	cULus listed for wet locations (adjustable is damp) ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022







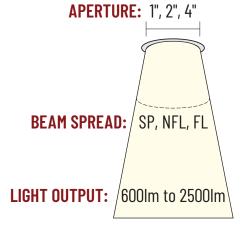


NHRIOIC-16

1" Iolite Remodel Housing







COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)



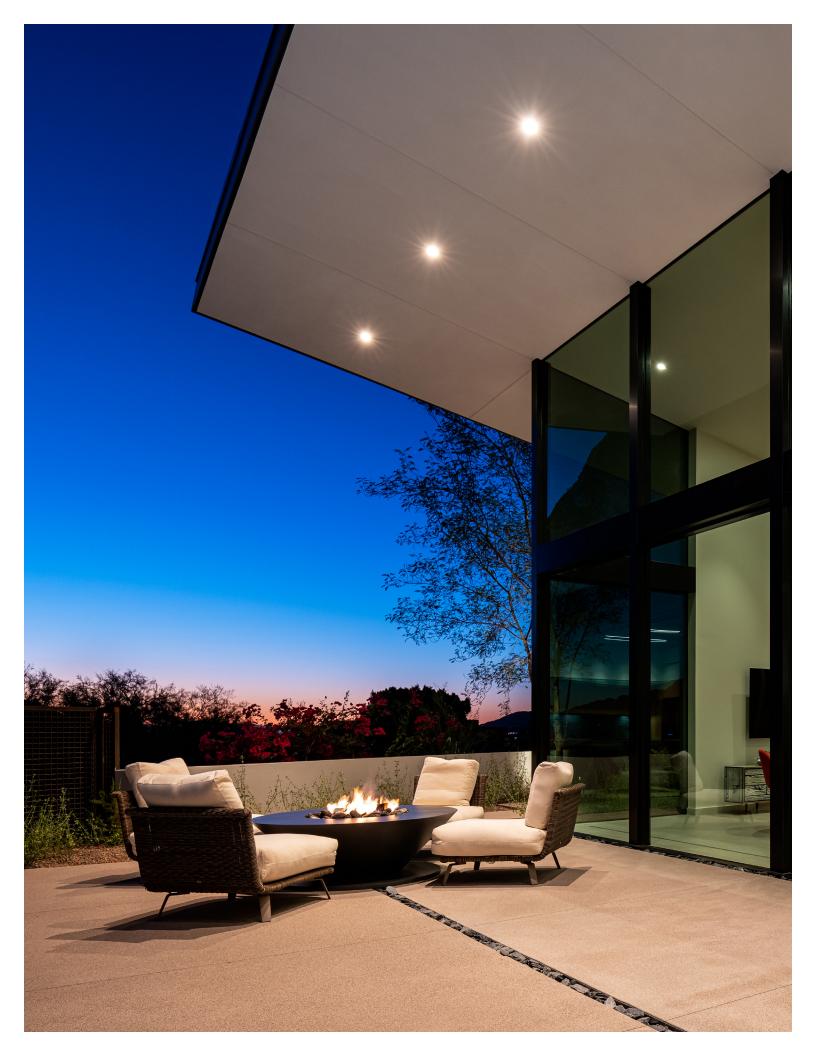
















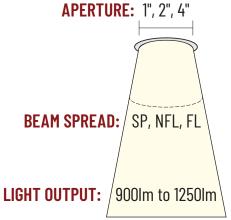






White Flange

Haze Reflector
Matte Powder White White Reflector
Matte Powder White White Flange



COLOR TEMPERATURE:











IOLITE CAN-LESS

Can-less Specification Grade Downlights

Designed to replicate our award winning specification grade lolite Series, can-less downlights require no housing. COB LED modules include three field adjustable optics and a variety of square or round trims are sold separately. Iolite can-less luminaires produce up to 1250 lumens in 2700K, 3000K, 3500K, 4000K or Comfort Dim (warm dimming) technology.

APPLICATION:	Architectural, Commercial and High-End Residential
INSTALLATION:	New Construction or Remodel
APERTURES:	1", 2" and 4"
LUMENS:	900lm to 1250lm
COLOR TEMPERATU	re: 2700K, 3000K, 3500K, 4000K, Comfort Dim
DIMMING:	Triac or ELV
LISTINGS:	cULus listed for wet locations (adjustable is damp) ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022



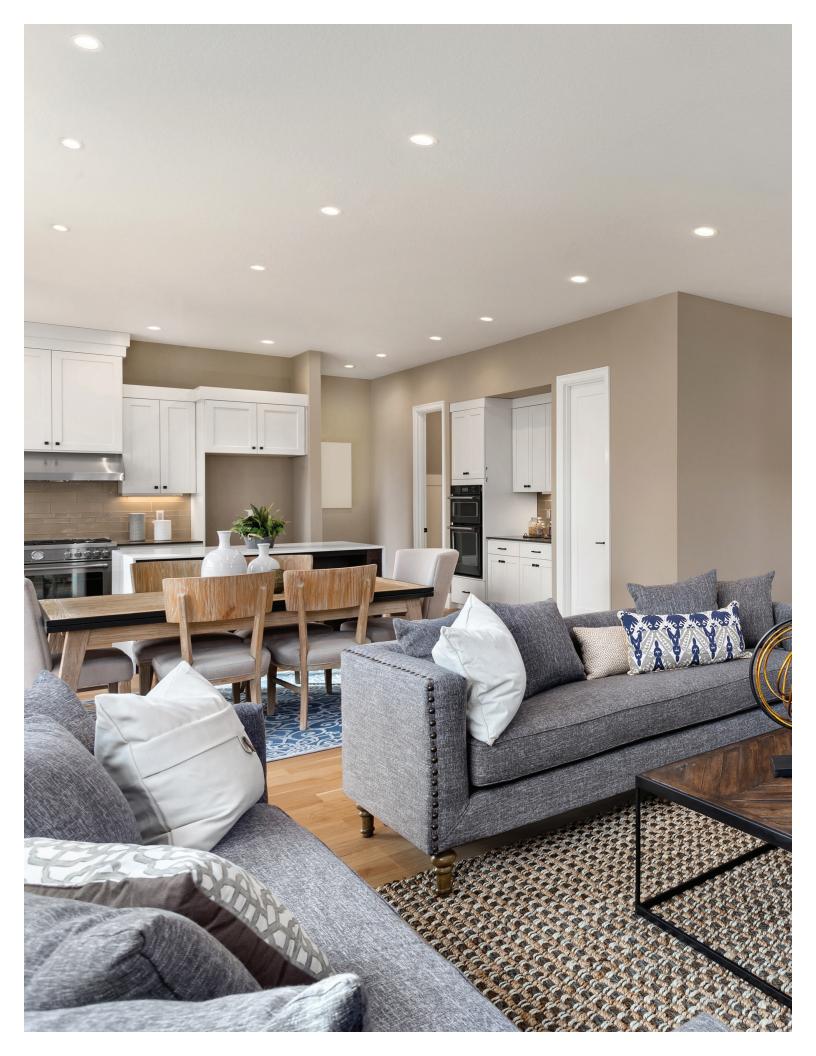














APERTURE: 4", 5", 6" **BEAM SPREAD:** SP, NFL, FL **LIGHT OUTPUT:** /800lm to 1200lm

Haze Reflector Matte Powder White Natural Metal Matte Powder White Matte Powder White Natural Metal

COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (0MFOR









White Reflector

White Flange



PEARL SERIES

LED Retrofit Downlights

Pearl LED Retrofit luminaires are the high-end, quality solution for easy LED retrofitting in residential and light commercial applications. With a maximum height of just 4-1/2", luminaires can be retrofitted in most IC and non-IC housings including shallow! Available in a beautiful array of fixed and adjustable styles in ten finishes, each Pearl includes three field changeable optics for maximum design control. Optional accessories can further customize the fixtures.

APPLICATION:	Commercial and Residential
INSTALLATION:	Retrofit
APERTURE:	4", 5" and 6"
LUMENS:	800lm to 1200lm
COLOR TEMPERATU	JRE: 2700K, 3000K, 3500K, 4000K, Comfort Dim
DIMMING:	Triac or ELV
LISTINGS:	cULus classified for wet locations (adjustable is damp) ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022





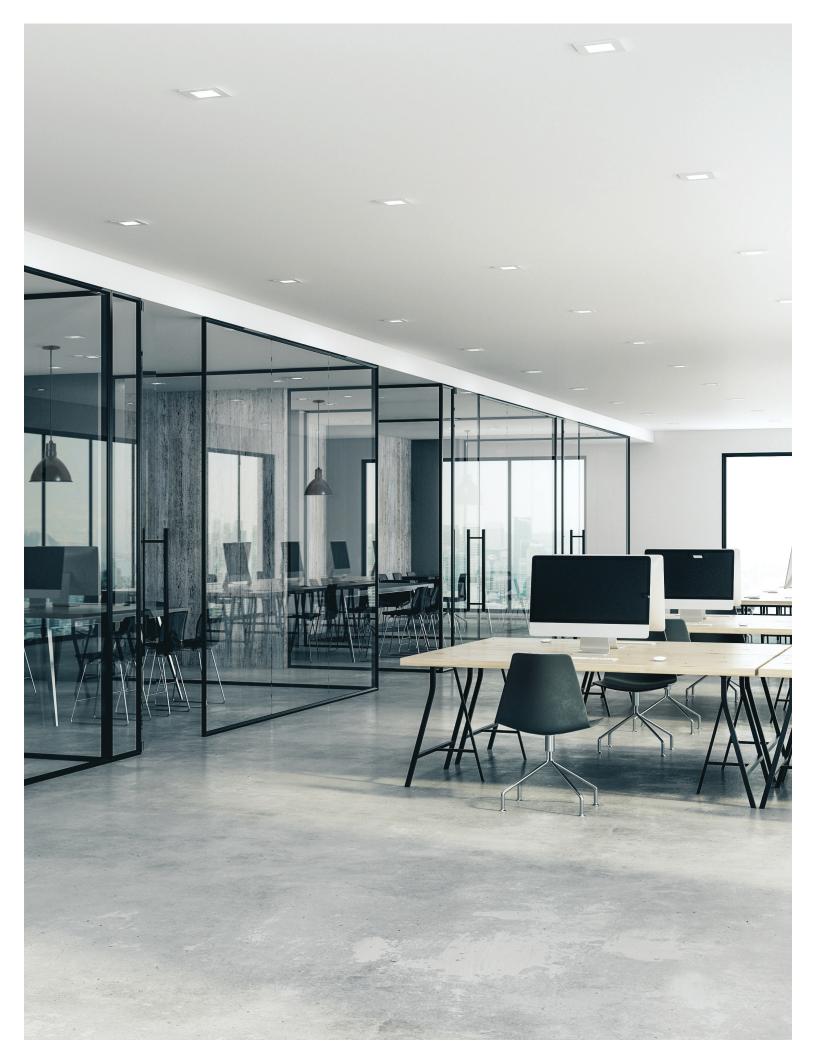






Haze Reflector

White Flange







Black Reflector Black Flange



Haze Reflector Haze Reflector



Bronze Reflector Bronze Flange

Copper Reflector Copper Flange

Diffused Clear White Flange

6"

White Reflector

Matte Powder White Natural Metal Matte Powder White Natural Metal



Commercial and Residential LED Downlights

Commercial and residential dedicated LED series utilizing the same reflectors and color consistency as the Cobalt Retrofit Series. Delivering 1500 or 2000 lumens in 2700K, 3000K, 3500K or 4000K. Variety of round and square reflectors in ten finishes. Housings include IC Air-Tight new construction, Non-IC or remodel with emergency options.

APPLICATION:	Architectural, Commercial and High-End Residential
INSTALLATION:	New Construction and Remodel
APERTURE:	6"
LUMENS:	1500lm or 2000lm
COLOR TEMPERATURE	: 2700K, 3000K, 3500K, 4000K
DIMMING:	Triac, ELV or 0-10V
LISTINGS:	cULus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022

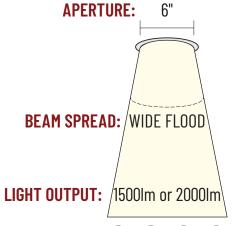










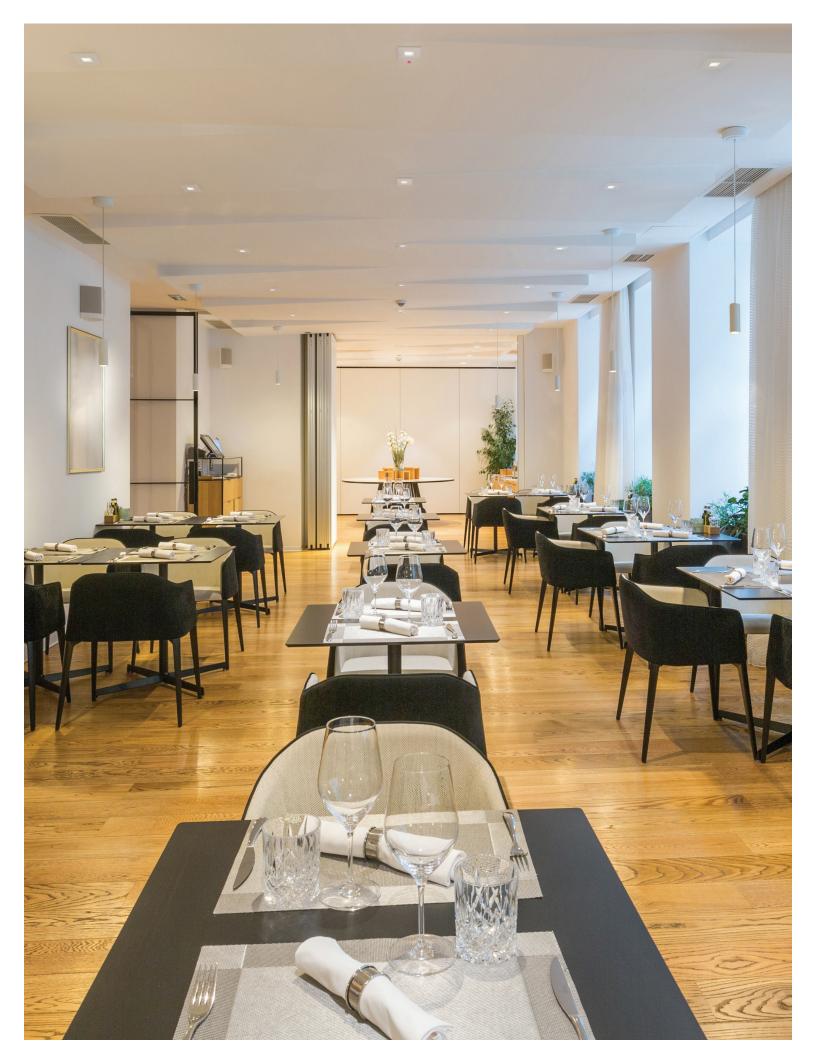


COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K)













NLCBC2-656



Retrofit into existing or new housings



Optional Emergency Wiring & 0-10V dimming!

NLCBC2-455

4" Square Pinhole



NLCBC2-451 4" Round Reflector



NLCBC2-552 5" Round Baffle



NLCBC2-553 5" Square Reflector with Round Aperture

6" Square Reflector with Square Aperture







Haze Reflector Haze Reflector



Bronze Reflector Bronze Flange



Matte Powder White Natural Metal





White Reflector

COBALT CLICK

LED Retrofit Downlights

Cobalt Click LED Retrofit reflectors allow the end user over 300 combinations with "Click" feature. Reflectors can easily be changed with a "click" and deliver 750 or 1000 lumens in 2700K, 3000K, 3500K, 4000K or Comfort Dim technology. Luminaires can be retrofitted in most housings—including shallow! Specification grade options include 0-10V dimming, 277V input or Emergency options.

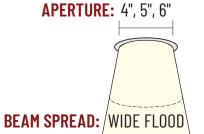
APPLICATION:	Light Commercial and Residential
INSTALLATION:	Retrofit
APERTURES:	4", 5" and 6"
LUMENS:	750lm or 1000lm
COLOR TEMPERATURE	:: 2700K, 3000K, 3500K, 4000K, Comfort Dim
DIMMING:	Triac, ELV or 0-10V
LISTINGS:	cULus classified for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022











LIGHT OUTPUT: 750lm or 1000lm

COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (000FDR

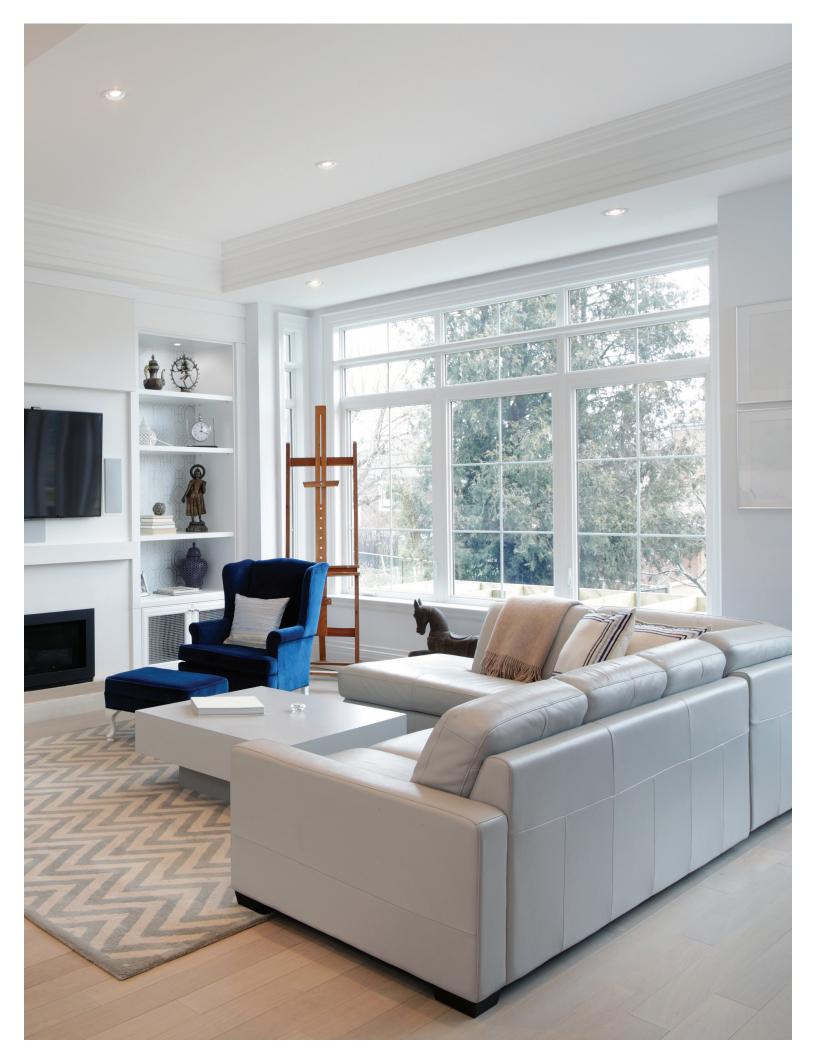














NHSIC-4 Series Shallow IC Air-Tight Housing



Patented driver compartment

Compartment easily slides to allow access from below the ceiling



NLCBS-453 4" Square Reflector with Round Aperture

NLCBS-456 4" Square Reflector with Square Aperture



NLCBS-4W51

4" Round Reflector

NLCBS-4W52 4" Round Baffle



Black Reflector



Haze Reflector Haze Reflector Matte Powder White White Flange



Black Reflector



APERTURE:





Matte Powder White Natural Metal Matte Powder White Natural Metal



Diffused Clear



White Reflector White Flange

COBALT SHALLOW

Residential LED Downlights

Commercial and residential dedicated LED series utilizing the same reflectors and color consistency as the Cobalt Retrofit Series. Delivering 850 or 1250 lumens in 2700K, 3000K, 3500K or 4000K. Variety of round and square reflectors in ten finishes. Housings include IC Air-Tight new construction, Non-IC or remodel with emergency options.

APPLICATION:	Architectural, Commercial and High-End Residential
INSTALLATION:	New Construction
APERTURE:	4"
LUMENS:	850lm or 1250lm
COLOR TEMPERATU	re: 2700K, 3000K, 3500K, 4000K
DIMMING:	Triac, ELV or 0-10V
LISTINGS:	cULus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8–2022















COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K)















Haze Reflector

housing aperture.





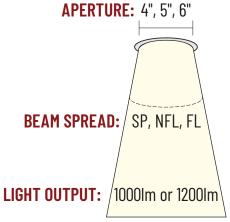
Haze Reflector



White Reflector White Flange

Natural Metal Reflector

Matte Powder White Matte Powder White



COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K)



COBALT ADJUSTABLE

LED Retrofit Downlights

Cobalt Adjustable LED Retrofit reflectors allow the end user to rotate and aim luminaires in desired direction. Delivering over 1200 lumens in 2700K, 3000K, 3500K or 4000K. Luminaires can be retrofitted in most housings-including shallow! Specification grade options include 0-10V dimming, 277V input or Emergency options. Premium TIR optics are also available for precise beam control.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	Retrofit
APERTURES:	4", 5" and 6"
LUMENS:	1000lm or 1200lm
COLOR TEMPERATU	re: 2700K, 3000K, 3500K, 4000K
DIMMING:	Triac, ELV or 0-10V
LISTINGS:	cULus classified for damp locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022





















Matte Powder White





Natural Metal

LED Retrofit Downlights

COBALT ELBOW

Cobalt Elbow LED Retrofit luminaires allow the end user to rotate and aim luminaires in desired direction. Delivering over 800 lumens in 2700K, 3000K, 3500K or 4000K. Luminaires include 27° spot and 48° narrow flood optics for precise beam control. Elbow tilts out to 75° and can be rotated up to 358° to aim in almost any direction desired.

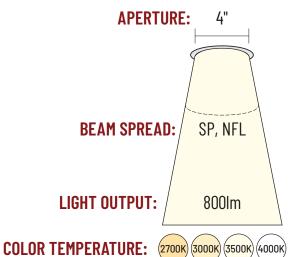
APPLICATION: Architectural, Commercial and Residential Retrofit INSTALLATION: 4" APERTURE: 800lm LUMENS: **COLOR TEMPERATURE:** 2700K, 3000K, 3500K, 4000K Triac or ELV DIMMING: cULus classified for damp locations LISTINGS: Certified to requirements of CA Title 24 JA8-2022









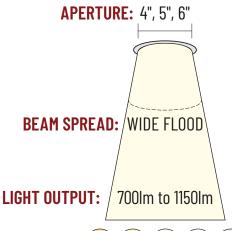






NOXLV-4R1TWWW

4" Onyx Low Voltage Reflector Selectable CCT



COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)

LED Retrofit Downlights

Onyx LED Retrofits are available in low voltage, wall wash, square, adjustable, selectable CCT or AC luminaire without a driver. Selectable CCT allows the end user to select from 5 CCT options. Luminaires are also available dedicated CCT (2700K, 3000K, 3500K, 4000K or 5000K). 5"/6" retrofits can be installed in existing 5" or 6" recessed housings. AC and Tunable White Open Reflectors accept baffle and reflector inserts to customize each appearance.

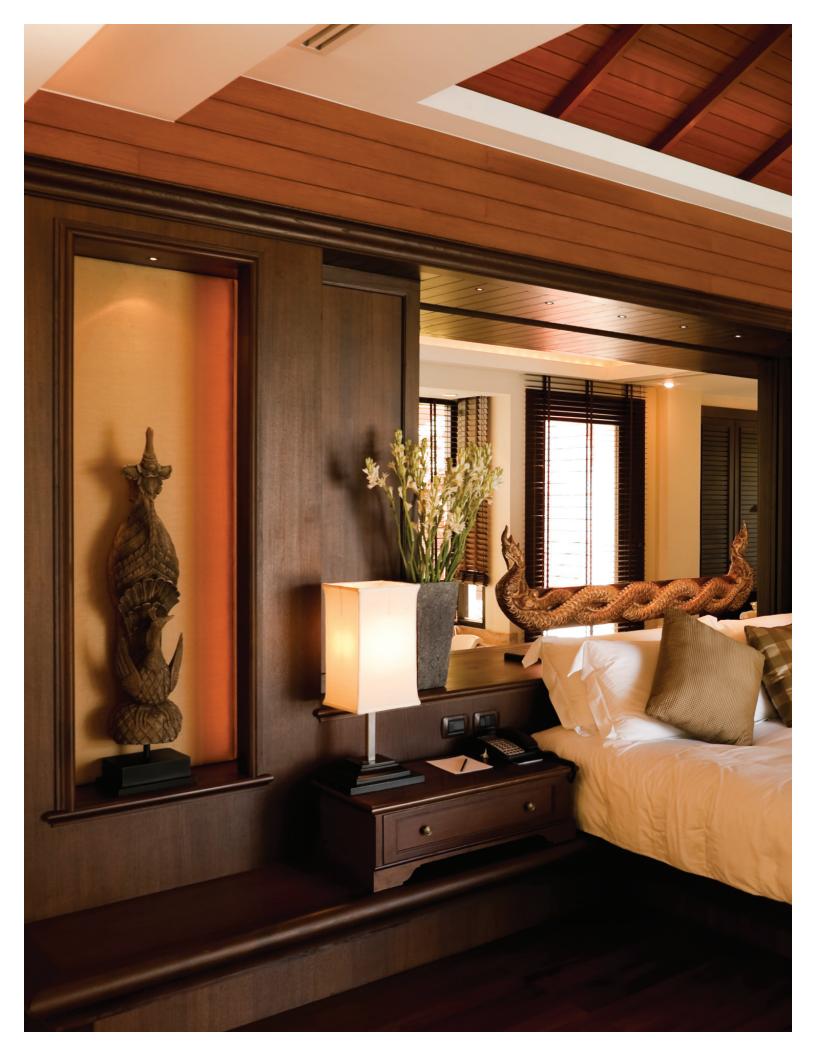
APPLICATION:	Light Commercial and Residential
INSTALLATION:	Retrofit
APERTURES:	4", 5" and 6"
LUMENS:	700lm to 1150lm
COLOR TEMPERATURE	:: 2700K, 3000K, 3500K, 4000K, 5000K
DIMMING:	Triac or ELV
LISTINGS:	cULus classified for wet locations (adjustable is damp) ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022













NM1-170 1" M1 LED Downlight (includes four plastic trims)



NM1-RSS Round Stainless Trim



NM1-SSS Square Stainless Trim



NM1-RSSD Round Indicator Trim



NM1-RAEYELID Round Scoop Trim



NM1-RLOUV Round Louver Trim



NM1-RAIHEC
Round Hexcell Louver Trim





1"



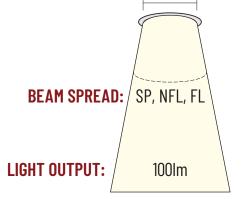
Brushed Nic



1" 12V Can-less LED Downlight

M1 miniature recessed series features quality and convenience with easy installation for indoor and outdoor applications. LED luminaires include four plastic downlight trims, four optics and 6" quick connect for 12V driver. LED modules are available in 2700K or 3000K. No housing is required and can be installed in insulated ceilings. Field changeable optics and trims allow for each installation to be customized per application.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	Can-less
APERTURE:	1"
LUMENS:	100lm
COLOR TEMPERATURE: 2700K or 3000K	
DIMMING:	Triac or ELV (12V Driver required)
LISTINGS:	cETLus listed for wet locations (driver is damp)



APERTURE:

COLOR TEMPERATURE:





















Black Bronze

Matte Powder White

BEAM SPREAD: Narrow Flood LIGHT OUTPUT: 600lm

COLOR TEMPERATURE:





M1+ SERIES

1" 120V Can-less LED Downlight

M1+ is an upgrade to our first generation M1 I" downlights. From 12V input to 120V input with Triac or ELV dimming. From 100 lumens to 600 delivered lumens. Die-cast trims come standard in round matte black or matte powder white finishes. Luminaires include a pre-wired junction box, no housing is required. IC Air-Tight rated luminaires are simple to install.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	Can-less
APERTURE:	1"
LUMENS:	600lm
COLOR TEMPERATURE:	2700K or 3000K
DIMMING:	Triac or ELV
LISTINGS:	cETLus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022









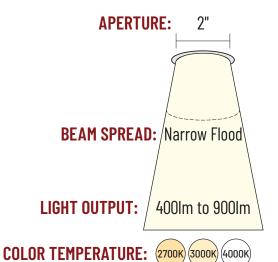








NM2-2RTLDC 2" M2 LED Round Trimless



2" Can-less LED Downlights

M2 Series of high quality miniature recessed LED downlights are ideal for remodel or new constructions in residential and light commercial applications. M2 luminaires require no housing, making installation easy. IC Air-Tight rated luminaires are available in round or square apertures in a variety of styles in matte powder white or black finish. A range of accessories allows customization to desired appearance. M2 luminaires deliver up to 900 lumens in 2700K or 3000K at 90+ CRI.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	Can-less
APERTURE:	2"
LUMENS:	400lm to 900lm
COLOR TEMPERATURE	:: 2700K, 3000K or 4000K
DIMMING:	Triac or ELV
LISTINGS:	cETLus listed for damp and wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022

















M4 SERIES

4" Can-less LED Downlights

M4 Series of high quality miniature recessed LED downlights are ideal for remodel or new constructions in residential and light commercial applications. M4 luminaires require no housing, making installation easy. IC Air-Tight rated luminaires are available in round or square apertures in a variety of styles in matte powder white or black finish. A range of accessories allows customization to desired appearance. M4 luminaires deliver up to 1000 lumens in 2700K or 3000K at 90+ CRI.

Light Commercial and Residential
Can-less
4"
Up to 1000Im
: 2700K or 3000K
Triac or ELV
cETLus listed for damp and wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022



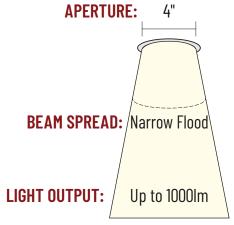












COLOR TEMPERATURE:

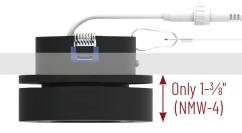




NM4-SET Square Trim for NM4-R470









NMW-4 4" M-Wave 1250lm

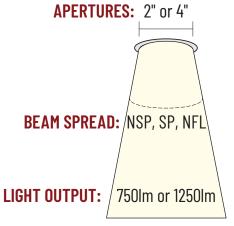




NMW-2 2" M-Wave 750lm

Adjustable Can-less LED Downlights

M-Wave can-less luminaires offer the most versatility for aiming without any housing needed! IC Air-Tight rated luminaires extend up to 90° from surface and rotate 350°, illuminating any direction needed. M-Wave downlights appear as puck lights, up to 1-3/8" off the surface when flush and delivering over 1250 lumens in 2700K or 3000K.



COLOR TEMPERATURE: (2700K)





APPLICATION:	Light Commercial and Residential
INSTALLATION:	Can-less
APERTURE:	2" or 4"
LUMENS:	750lm or 1250lm
COLOR TEMPERATU	re: 2700K or 3000K
DIMMING:	Triac or ELV
LISTINGS:	cULus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022



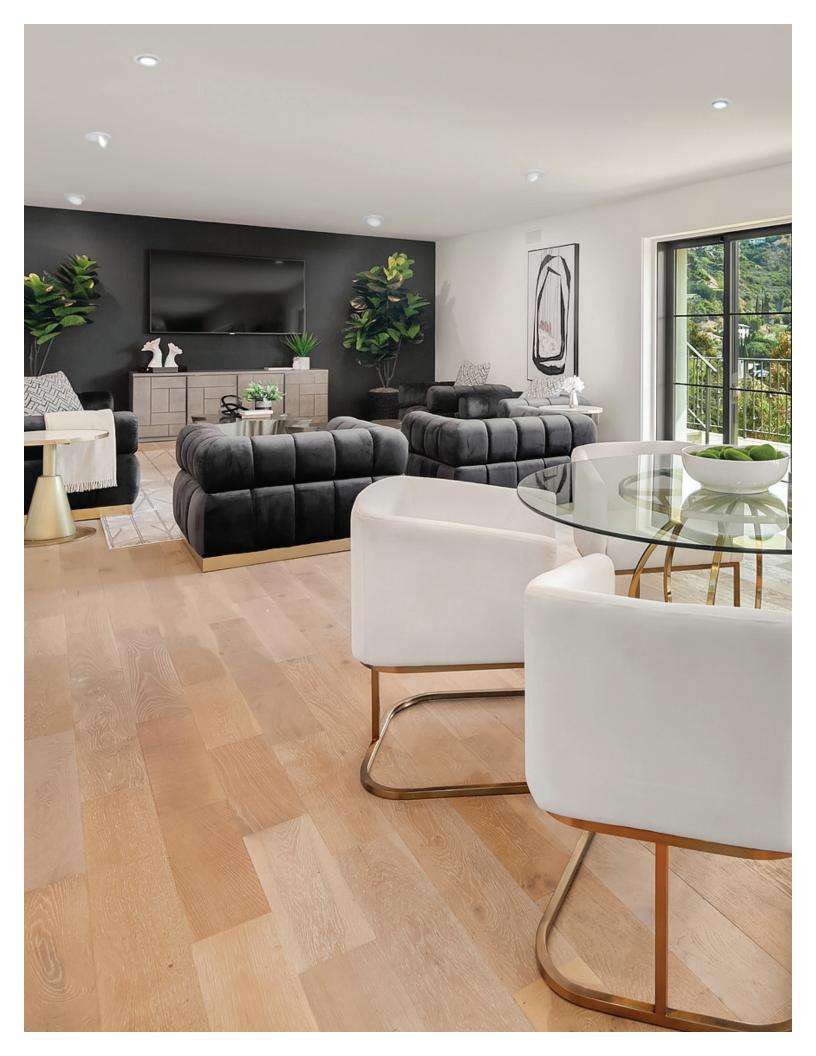




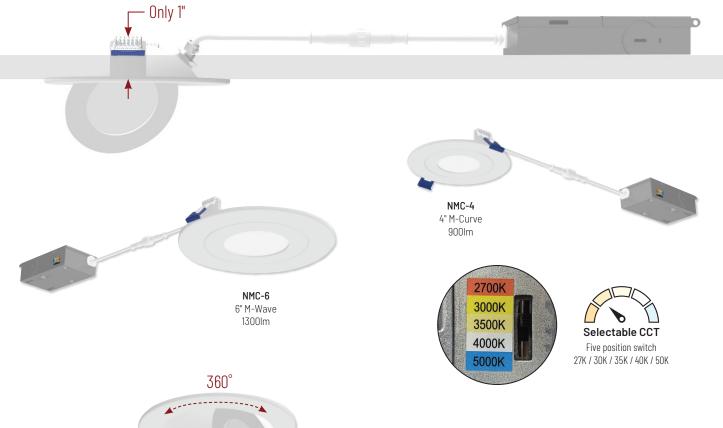












M-CURVE SERIES

Adjustable Can-less LED Downlights

M-Curve can-less adjustable luminaires offer the most versatility for aiming without any housing needed! IC Air-Tight rated luminaires extend up to 80° from surface and rotate 360°, illuminating any direction needed. Delivering over 1300 lumens with a Selectable CCT switch located on the junction box of each luminaire and a quick connect that allows for easy mounting in the ceiling.

Light Commercial and Residential
Can-less
4" or 6"
900lm or 1300lm
:: Selectable CCT (27K / 30K / 35K / 40K / 50K)
Triac or ELV
cETLus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022



APERTURES: 4" or 6"

COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)













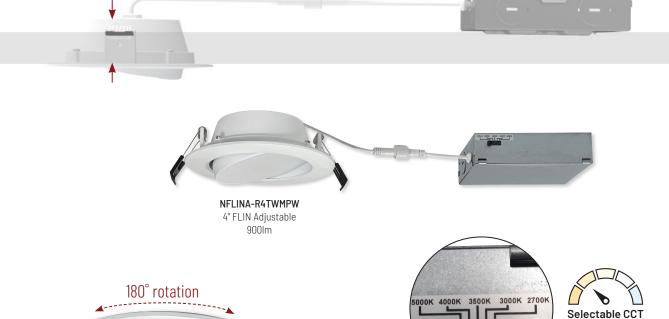












NFLINA-R6TWMPW 6" FLIN Adjustable 1100lm

Only 1-1/2"

BEAM SPREAD: Wide Flood LIGHT OUTPUT: 900lm or 1100lm

COLOR TEMPERATURE: 2700K) 3000K) 3500K (4000K) 5000K)

FLIN ADJUSTABLE

Adjustable Can-less LED Downlights

FLIN Adjustable LED downlights feature two-axis rotation with 25° tilt and 180° rotation. IC Air-Tight rated luminaires are designed for easy installation into new construction or remodel applications. Delivering up to 1100 lumens with a Selectable CCT switch located on the junction box of each luminaire and a quick connect that allows for easy mounting in the ceiling.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	Can-less
APERTURES:	4" or 6"
LUMENS:	900lm or 1100lm
COLOR TEMPERATURE	: Selectable CCT (27K / 30K / 35K / 40K / 50K)
DIMMING:	Triac or ELV
LISTINGS:	cETLus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022











Five position switch 27K / 30K / 35K / 40K / 50K



25° tilt `▶







APERTURES: 4" or 6" **BEAM SPREAD:** Wide Flood **LIGHT OUTPUT:** 700lm or 1050lm

COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)

Non-Metallic Can-less LED Downlights

FLIN wafer LED downlights feature a non-metallic trim for corrosive environments. IC Air-Tight rated luminaires are designed for easy installation into new construction or remodel applications. Delivering over 1050 lumens with a Selectable CCT switch located on the junction box of each luminaire and a quick connect that allows for easy mounting in the ceiling.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	Can-less
APERTURES:	4" or 6"
LUMENS:	700lm or 1050lm
COLOR TEMPERATURE	: Selectable CCT (27K / 30K / 35K / 40K / 50K)
DIMMING:	Triac or ELV
LISTINGS:	cETLus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022













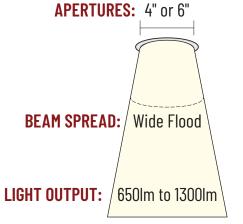




Wafer Can-less LED Downlights

FLIN LED downlights are thin at only 1-1/4" tall for remodel or new constructions in residential and light commercial applications. LED luminaires require no housing, making installation easy. IC Air-Tight rated luminaires deliver up to 1300 lumens and include a field selectable CCT switch. Each luminaire includes a pre-wired junction box with dimmable LED driver.



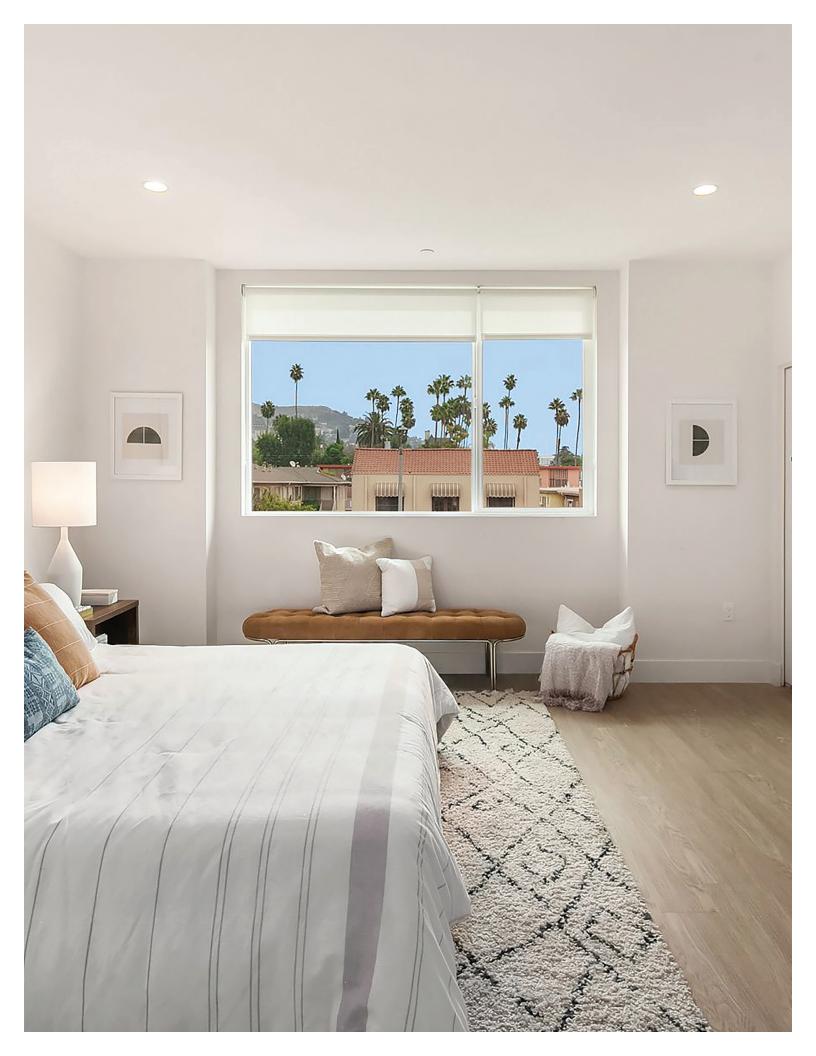




Comparison of LED Surface Mounts

Name	Size	Lumens	ССТ	Input Voltage	Dimming
SURF	4" & 7" Round 4" & 6" Square	750lm to 1150lm	Dedicated 27K, 30K, 35K, 40K, 50K	120V	Triac or ELV
SLIM	4"	800lm	Selectable 27K, 30K, 35K, 40K, 50K	120V	Triac or ELV
EL0	6", 8" and 11"	1080lm to 1700lm	Dedicated 3000K	120V	Triac or ELV
ELO+	4", 6", 8" and 11"	640lm to 1700lm	Dedicated 27K, 30K, 35K, 40K, 50K	120V	Triac or ELV
16" ELO	16"	2100lm	Dedicated 27K, 30K, 40K	120-277V	Triac or ELV
wEL0	8" and 11"	1000lm or 1550lm	Dedicated 27K, 30K, 35K, 40K	120-277V	0-10V
REGRESSED OPAL	4" and 6"	700lm or 950lm	Dedicated 27K, 30K, 40K	120V	Triac or ELV
OPAL	4", 6" and 8"	700lm to 2150lm	Dedicated or Selectable 27K, 30K, 35K, 40K, 50K	120V	Triac or ELV
OPAL WITH MOTION SENSOR	7"	1050lm	Dedicated 3000K or 4000K	120V	-

Name	Accessory	Installation Type	Rating	Title 24	Listing
SURF (continued)	-	Surface Mount	Suitable for Closets	Yes	Wet
SLIM (continued)	Round Decorative Ring	Surface Mount or Retrofit	Suitable for Closets	Yes	Wet
ELO (continued)	-	Surface Mount or Retrofit	Suitable for Closets	No	Damp
ELO+ (continued)	Decorative Rings	Surface Mount or Retrofit	Suitable for Closets	Yes	Damp
16" ELO (continued)	Stem or Pendant Kit	Surface Mount or Suspended	Suitable for Closets	Yes	Damp
wELO (continued)	-	Surface Mount	Suitable for Closets	No	Wet
REGRESSED OPAL (continued)	-	Surface Mount or Retrofit	Suitable for Closets	Yes	Wet
OPAL (continued)	-	Surface Mount or Retrofit	Suitable for Closets	Yes	Wet
OPAL WITH MOTION SENSOR (continued)	-	Surface Mount or Retrofit	Suitable for Closets	No	Wet





SLIM

LED Surface Mounts

Slim LED surface mount luminaires easily install over 4" octagonal junction boxes. Alternatively an optional retrofit kit is also included to install over 4" recessed housings. Luminaires provide over 800 lumens and include a selectable CCT switch to change the color temperature from 2700K / 3000K / 3500K / 4000K / 5000K.

ADEDTUDE /"	APPLICATION:	Light Commercial and Residential
APERTURE: 4"	INSTALLATION:	New Construction and Remodel
	APERTURE:	4"
	LUMENS:	800lm
	COLOR TEMPERATURE:	Selectable CCT (27K / 30K / 35K / 40K / 50K)
	DIMMING:	Triac or ELV
BEAM SPREAD: / Wide Flood	LISTINGS:	cULus listed for indoor wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2 Suitable for use in closets
LIGHT OUTPUT: 800lm	CERTIFIED	WET RIVERGY STAFE COMPLIANT

COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)

CA Title 24 JA8-2022





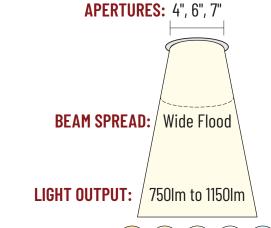




4" Round







COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)



NLOS-S62L 6" Square



NLOS-S42L 4" Square

SURF

LED Surface Mounts

SURF LED Edge-Lit surface mount luminaires feature a regressed light guide with embedded honeycomb lens. Light guide provides comfortable glare free lighting not found in other surface mount luminaires to resemble recessed lighting. Luminaires easy mount over a junction box and available in round or square sizes in 2700K, 3000K, 3500K, 4000K or 5000K.

APPLICATION:	Light Commercial and Residential
INSTALLATION:	New Construction and Remodel
APERTURES:	4", 6" and 7"
LUMENS:	750lm to 1150lm
COLOR TEMPERATURE	: 2700K, 3000K, 3500K, 4000K, 5000K
DIMMING:	Triac or ELV
LISTINGS:	cULus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022 Suitable for use in closets













LED Surface Mounts

ELO LED Surface mount luminaires are only $\frac{1}{2}$ " thick (16" is 1" thick) for a minimalst appearance. Luminaires can be surface mounted over a junction box or retrofit into recessed housings with a retrofit kit. Decorative rings easily change the finish to match any decor or hardware in the vicinity. Five sizes are available in 2700K, 3000K, 3500K, 4000K or 5000K.

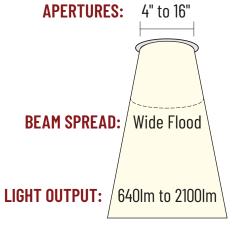
APPLICATION:	Light Commercial and Residential			
INSTALLATION:	New Construction and Remodel			
APERTURES:	4", 6", 8", 11" and 16"			
LUMENS:	640lm, 700lm, 1100lm, 1700lm or 2100lm			
COLOR TEMPERATURE:	2700K, 3000K, 3500K, 4000K, 5000K			
DIMMING:	Triac or ELV			
LISTINGS:	cETLus listed for damp locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022 Suitable for use in closets			











COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)

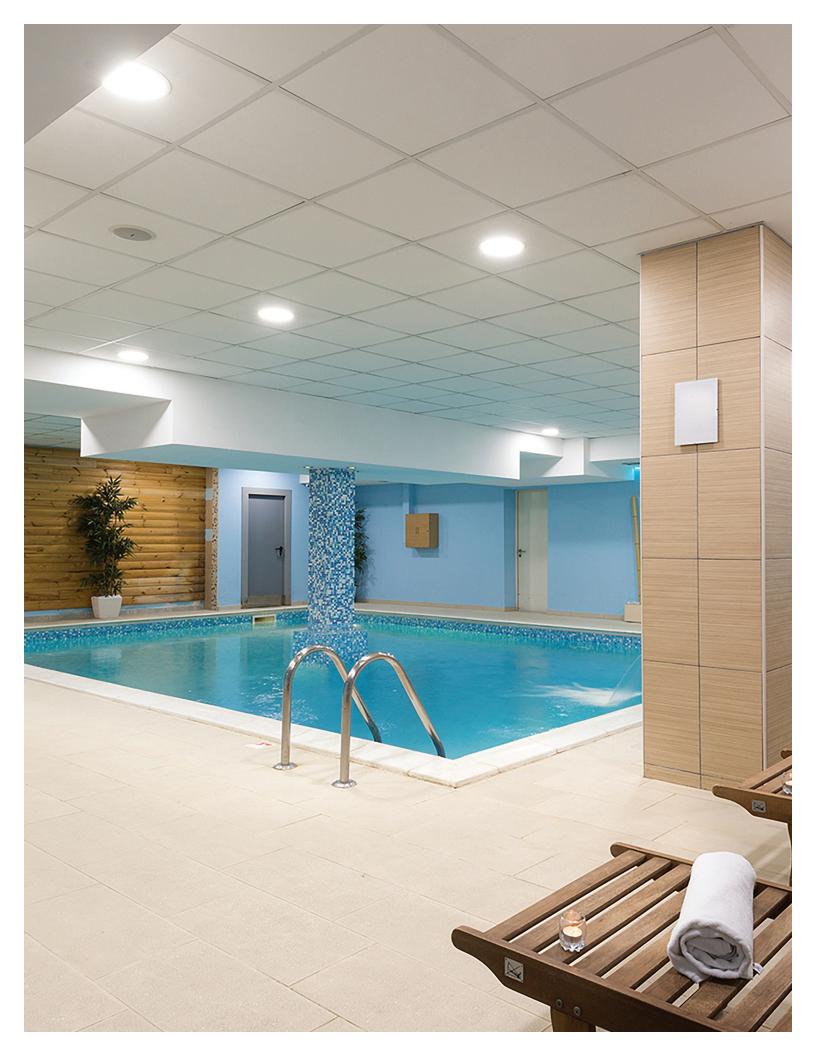


















NWELO-8R 8" wELO

wEL0

LED Surface Mounts

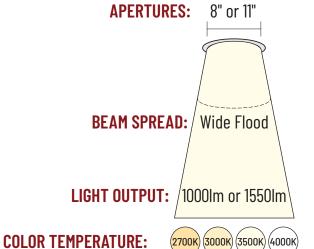
wELO LED Surface mount luminaires are 1" thick with a water tight gasket. Fixtures are available in 8" or 11" diameter and easily mount over a standard or fire rated junction boxes. Commerical grade fixtures accept universal voltage input (120-277V) with 0-10V dimming protocol. Dedicated color temperature options include 2700K, 3000K, 3500K or 4000K at 80+ CRI.

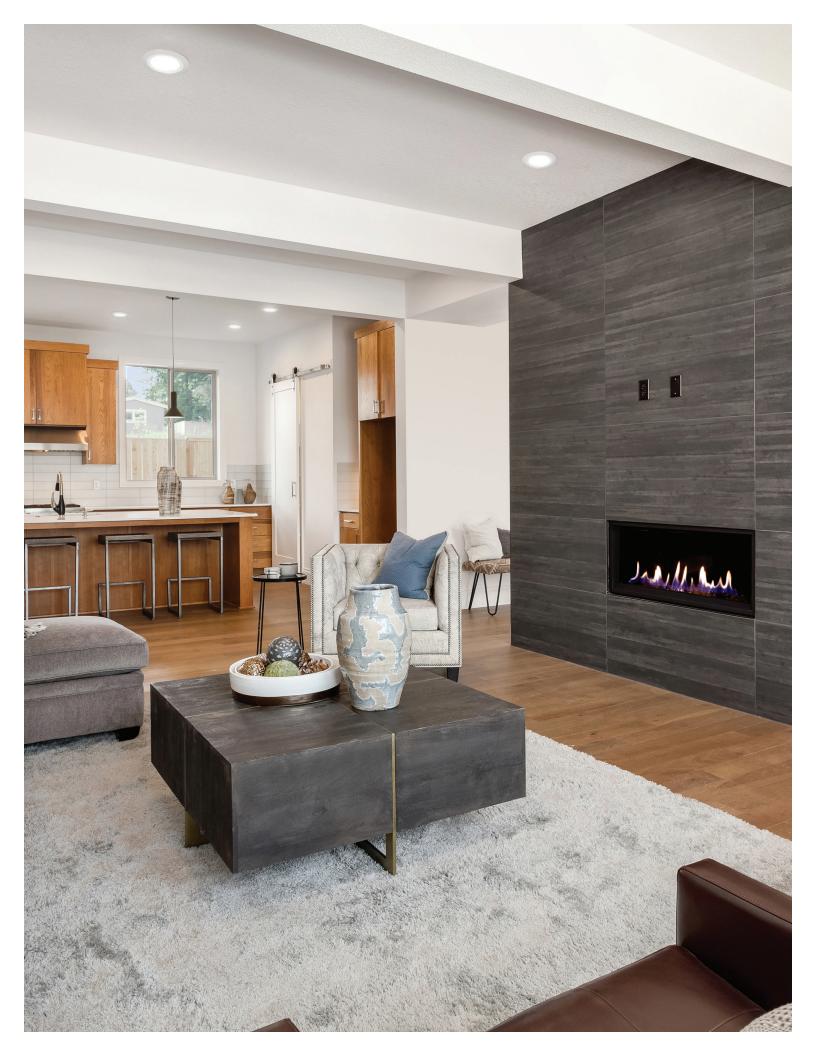
APPLICATION:	Commercial and Architectural
INSTALLATION:	New Construction and Remodel
APERTURES:	8" or 11"
LUMENS:	1000lm or 1550lm
COLOR TEMPERATURE	: 2700K, 3000K, 3500K, 4000K
DIMMING:	0-10V
LISTINGS:	cETLus listed for wet locations ENERGY STAR certified Suitable for use in closets













OPAL

LED Surface Mounts

Opal LED luminaires are designed to surface mount over a junction box or retrofit over recessed housings. Opal produces an even illumination with no diode image, from bright to dim. The low profile unit is available in four sizes and three types: standard, regressed or 7" motion sensor. Available in three finishes and delivering up to 2150 lumens in 2700K, 3000K, 3500K, 4000K or 5000K.

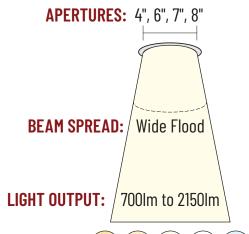
APPLICATION:	Light Commercial and Residential
INSTALLATION:	New Construction and Remodel
APERTURES:	4", 6", 7" and 8"
LUMENS:	700lm, 900lm, 1000lm, 1150lm or 2150lm
COLOR TEMPERATURE:	2700K, 3000K, 3500K, 4000K, 5000K
DIMMING:	Triac or ELV
LISTINGS:	cULus listed for wet locations ENERGY STAR certified Certified to requirements of CA Title 24 JA8-2022 Suitable for use in closets











Retrofit Kit

COLOR TEMPERATURE: (2700K) (3000K) (3500K) (4000K) (5000K)





NORA LIGHTING, INC.

6505 Gayhart St. Commerce, CA 90040 TEL 323.767.2600 FAX 323.722.3677 www.NoraLighting.com

DOMESTIC FACILITIES:

Atlanta, GA Cincinnati, OH Dallas, TX Detroit, MI Edison, NJ Los Angeles, CA Louisville, KY Minneapolis, MN Nashville, TN

INTERNATIONAL SALES:

6505 Gayhart St. Commerce, CA 90040 TEL 323.767.2600 FAX 323.722.3677

The products shown in this catalog are covered by USA and International patents. Specifications subject to change without notice.