NIOB-2RPH / NIOB-2RPHA			Туре		
2" Iolite Round Pinhole Source: 14W to 28W LED			Project		
			Catalog No.		
800lm to 2500lm		Notes			
					NC
RODUCT DESCRIPTION " lolite reflectors can be specified for u eam spread through small opening. Ava			ole reflector focuses the	PRODUCT IMAGES & DIMENSIO	CN
EATURES 800lm, 1000lm, 1500lm, 2000lm or 25 2700K, 3000K, 3500K, 4000K, 5000K Cree® LED COB or Comfort Dim Techr Flood optic, narrow flood and spot op 5-Year limited warranty	@ 90+ CRI ology			-1-9/16"→ 	- 1-1/2" →
PECIFICATION onstruction: Reflectors are construct nreaded to fit the reflector and transfer		die-cast aluminum. The aluminum	die-cast LED heat sink is	NIOB-2RPH Round Pinhole Non-Adjustable	NIOB-2RPHA Round Adjustable Pinhole Adjustability: New Construction: 28º (800Im-1000Im)
lounting: Reflector includes friction bla	des to mount securely	to housing.			20º (1500lm-2500lm) Remodel: 15º
DPTICS 100-10001m: Each reflector includes fiel 11so available. 500-25001m: Each reflector includes fi			m 15° and 25° TIR optics are		Nemouel. 13-
LECTRICAL umens / Wattage: 800lm / 14W, 1000lr olor Temperature: 2700K, 3000K, 350 RI: 90+CRI perating Temp.: 0°C to 40°C ambient t ifetime: 50,000 hours @ L70 omfort Dim: Comfort Dim color tunes I radual, even curve. Available in 800lm o	OK, 4000K, 5000K emperature he temperature from		omfortable 2000K on a	BB Black Pinhole Black Flange	BMPW Black Pinhole Matte Powder White Flange
Imming: Specified by housing DMPATIBLE HOUSINGS effectors are compatible with respectiv ATALOG NO. DESCRIPTION HIOICD-28 ICAT New Construction HIOICDCP-28 ICAT Remodel HIOICD-215 ICAT New Construction HIOICDCP-210 ICAT New Construction HIOICDCP-220 Chicago Plenum HIOICD-225 ICAT New Construction HIOICDC-225 ICAT New Construction HIOICDC-225 Chicago Plenum	LUMENS / WATTAG 800-1000lm / 14W 800-1000lm / 14W 800-1000lm / 14W 1500lm / 20W 1500lm / 20W 1500lm / 20W 2000lm / 24W 2000lm / 24W			HZMPW Haze Pinhole Matte Powder White Flange WW White Pinhole White Flange	MPW Matte Powder White Pinhole Matte Powder White Flange
ccessories: Reflectors will accommod required, see accessories page. Flush ith new construction housing only.					
ABELS AND LISTINGS CULus Listed for Wet Locations (NIOB ENERGY STAR certified <u>5-Year Limited Warranty</u> RoHS Compliant Can be used to comply with 2019 Title	·				
		Rects COMPULART 			
" Iolite Round Pinhole - Dedicated Housing Required		Compatible Housings			
Reflector Type	Color Temp.	Finish	Lumens / Wattage	Housing Type	
NIOB-2RPH = Round Pinhole NIOB-2RPHA = Round Adjustable Pinhole	27X = 2700K 30X = 3000K 35X = 3500K 40X = 4000K 50X = 5000K CDX = Comfort Dim [†]	BB = Black / Black BMPW = Black / Matte Powder Whit HZMPW = Haze / Matte Powder Whi MPW = Matte Powder White WW = White (NIOB-2RPHA only)		NHIOICD-28 = ICAT New Constri NHIOICDCP-28 = Chicago Plenu NHRIOIC-28 = ICAT Remodel / 8 NHIOICD-215 = ICAT New Constr NHIOICDCP-215 = Chicago Plenu NHIOICDC220 = ICAT New Const	m / 800-1001m / 14W 100-1001m / 14W ruction / 15001m / 20W um / 15001m / 20W

⁺ Comfort Dim technology available in 800lm & uses non-Cree COB modules. 1" & 2" Iolite uses a different dimming curve than 4" Comfort Dim

Example: NIOB-2RPH27XBB = 2" lolite Round Pinhole, 2700K, Black finish, 800lm / 14W

NORA

NHIOICDCP-220 = Chicago Plenum / 2000lm / 24W

NHIOICD-225 = ICAT New Construction / 2500lm / 28W NHIOICDCP-225 = Chicago Plenum / 2500lm / 28W

2" Iolite Accessories

2" Iolite Round Pinhole

Type Project Catalog No. Notes

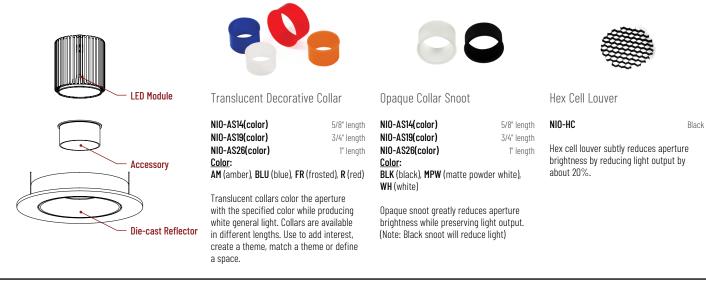
FIELD CHANGEABLE OPTICS

lolite reflectors include spot, narrow flood and flood optics. Optics can be changed in the field by removing LED module from die-cast reflector. Replacement optics include an optional frosted lens. Note: Frosted filter-optics and Premium TIR optics are not compatible with /HL LED modules.



ACCESSORIES

lolite accessories can be added at any point in the design process. Accessories easily install between LED module and die-cast reflector. Luminaire will accommodate (1) hex louver and (1) collar accessory, no accessory holder required.



FLUSH MOUNT

2" lolite reflectors can be installed flush with the drywall for a flush mount appearance. A flush mount mud ring is installed after the drywall and a professional drywall finisher floats the ceiling to blend in the mud ring.



Flush Mount Mud Ring

NIO-FMMR-2R

Round Mud Ring

Mounts trim flush to ceiling with reflector flange visible. Mud ring attaches to drywall. Requires and only for use with NHIOICD-28 or NHIOICDCP-28 new construction housings and NIOB-2R reflectors. Dimensions: 7-7/8" diameter 1/2" thick



6505 Gayhart Street, Commerce, CA 90040 TEL 323.767.2600 | www.noralighting.com | e-mail: nora@noralighting.com © 2020 Nora Lighting, Inc. All rights reserved. Specifications subject to change without notice.

PHOTOMETRICS

2" Iolite Round Pinhole 800 lumens

Туре

Project

Catalog No.

Notes

_	Zonal Lumen Summary				Candela Table		
	Zone	Lumens	% Luminaire		Vertical Angles	Candela	
	0-30	419	64.5		0	944	
	0-40	492	75.7		5	898	
1	0-60	585	89.9		15	688	
	0-90	646	99.3		25	283	
]	90-180	5	0.7		35	112	
-	0-180	650	100		45	60	

Test Information

Test Number: NTR11323 Part Number: NIOB-2RPH27XWW Beam Spread: 42° Flood Lumens: 650lm Wattage: 14.57W Efficacy: 45lpw CCT / CRI: 2700K / 90 CRI Spacing Criteria (0º-180): 0.72 Spacing Criteria (90º-270): 0.68

Polar Curve	
237	
474 50°	J
711	
948 10° 30°	

Illuminance at a Distance					
- 70°	Distance from Luminaire	FC at Nadir	Beam Diameter		
	4'	59fc	3'-1"		
× 50°	6'	26.2fc	4'-8"		
	8'	14.7fc	6'-4"		
	10'	9.4fc	7'-11"		
	12'	6.6fc	9'-5"		
1					

Zone	Lumens	Luminaire	Angl
0-30	419	64.5	0
0-40	492	75.7	5
0-60	585	89.9	15
0-90	646	99.3	25
90-180	5	0.7	35
0-180	650	100	45

Lumen Output Multipliers

Color Temperature: 2700K (1.00), 3000K (1.03), 3500K (1.07), 4000K (1.2), 5000K (1.21)

