Project Name:	Type:
Part Number:	Date:

GREENCREATIVE

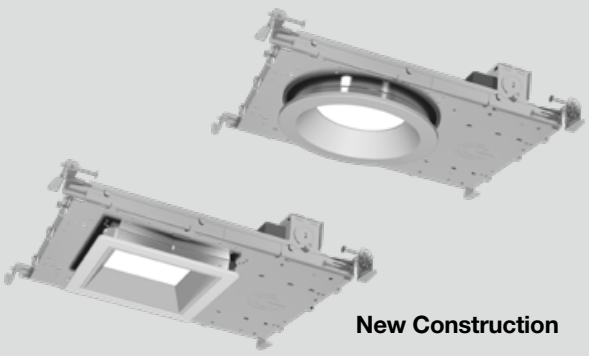
NYX SERIES

SPECIFICATION FEATURES

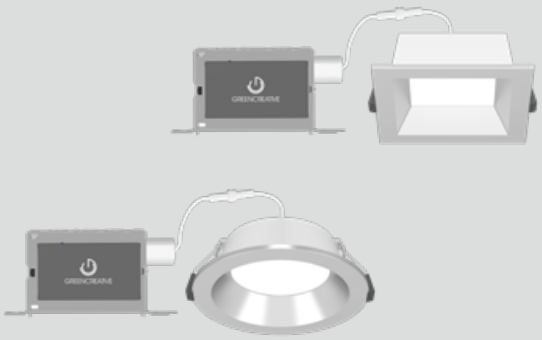
- **Mechanical** - NYX Downlight is made from die cast aluminum, for maximizing passive cooling, ensuring long life lasting LED. This series is designed for new construction, remodel, and direct mount (retrofit) in the ceiling. Stainless steel spring action clips allow for both easy new construction and direct installation from 1/2" to 1-1/2" ceiling thicknesses and field accessibility below the ceiling for service or replacement. Galvanized steel plaster frame. Low profile bar hangers with non-pass through construction and leveling flanges, contain integral tee bar clip and preinstalled nail. Bar hangers are adjustable from 13-1/4" to 24-1/2" and can be installed in suspended T-Grid or wood joist ceilings. Optional field installable butterfly brackets with adjustable height are available for C-Chanel or rod installation.
- **Electrical** - Proprietary potted driver for optimal heat protection ensure long life of electronics components. Field select from four or three lumen outputs using SelectDrive technology. The driver also features DualDim Technology, for maximum adaptability in any spaces whether it's commercial, residential or mixed. Rated for 120 to 277V, 50/60 Hz the driver is both 0-10V dimmable to 5% with low-end cut off at 120-277V, and Forward and Reverse phase dimmable at 120V down to 10%. Optional DualDim driver is also available, with dimming down to 1%. Sound rating <22db. Optional integrated EM driver available, and control options. Standard drivers DUALDIM and DUALDIM1 also comes with a 12V auxiliary port that provides power for field installed sensors and control modules.
- **Optical** - Non conductive polycarbonate plated reflectors available in clear, matte white, white baffle or black baffle, are field interchangeable allowing for service or replacement to evolve with the space. Fully deadfront reflector and flange are available in full clear, white, and black finishes. High resistance and non yellowing polycarbonate lenses for optimal low glare light diffusion. Featuring SelectKelvin technology with field selectable CCTs 2700/3000/3500/4000/5000K. LED binning within 4 SDCM maximum. Offered in minimum 90 CRI. 80° optical wide beam angle diffuser with 1.2 SC, 60° medium fresnel optic with 1.0 SC or wall wash insert are available for optimal distribution.
- **Thermal** - Die cast fixture maximizes passive thermal management and achieves a L70 calculated lifetime of 100,000 hours, at 25°C according to TM-21-11 requirements. Ambient temperature rated from -40°F to 113°F (-40°C to 45°C). The IC standard rated parts and IC cover parts are limited to +35°C (95°F) ambient temperature.
- **Compliance and Warranty** - ETL Classified and Listed for wet location from the bottom once properly installed. Certified air-tight per ASTM 283-04. Complies with FCC 47CFR Part 15B consumer limits for EMI/RFI emissions at 120V. Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements. For IC rating information please refer to the IC rating table. Can be used for State of California Title 24 high efficacy LED compliance under JA8. 5 Year Warranty for complete fixture. Optional 10 Year Extended Warranty available, subject to same terms, conditions and installation requirements as standard 5 Year Warranty. BAA Compliant Option Available.

NYX SERIES

SCAN ME or Click Here



New Construction



Direct Mount (Retrofit)

DIGITAL NAVIGATION

Explore the spec sheet through the links below

SUITABLE APPLICATIONS
NUROAIR SYSTEM COMPANION DEVICES
TECHNICAL INFORMATION
IC RATING
ACCESSORY ORDERING INFORMATION
CERTIFICATION INFORMATION
ORDERING GUIDE
REFLECTOR STYLES
NOMINAL PERFORMANCE
LINE DRAWINGS
PHOTOMETRY

BENEFITS

- SelectDrive technology allows to select from 3 or 4 lumen outputs
- NYX provides the easiest retrofiting or new installation dimming compatibility with DualDim technology
- Install virtually anywhere with Wet Location, IC rated models and Air-tight ratings
- Multiple finishes and beam available to match your most demanding design requirement
- Long life time in high ambient temperature range installation
- Quick and easy installation for both new construction or direct mount

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NYX SERIES

SUITABLE APPLICATIONS

- Commercial
- Retail
- Hospitality
- Education

ORDERING GUIDE

PART # _____ Example: NYXNC6RD/S9CCT5S/DUALDIM/MD/CC

_____ / _____ / _____ /

Series	Installation Type	Size	Style	Lumen	CRI	CCT[7]	Driver
NYX NYX Series downlights	**NC** New Construction Frame **ICAT**[1] New Construction with IC cover **DM** Direct Mount, Remodel	**4** 4" **6** 6" **8**[3] 8"	**RD** Round **SQ** Square	**S** Small Selectable XL/L/M/H 700[9]/1000/1500/2000lm **M** Medium Selectable L/M/H 2500/3000/4000lm **L**[4] Large Selectable L/M/H 4000/5000/6000lm **Fxx**[6] Fixed Lumens xx= 07, 10, 15, 20, 25, 30, 40, 50, 60	**9** 90+ CRI	**CCT5S** Selectable 2700/3000/3500 /4000/5000K **27** 2700K **30** 3000K **35** 3500K **40** 4000K **50** 5000K	**DUALDIM** 0-10V dimming at 120-277V and Forward/ Reverse phase dimming at 120V only. **DUALDIM1** 0-10V dimming to 1% at 120-277V, and Forward/Reverse phase dimming at 120V only.

_____ / _____ / _____

Optic	Reflector and Flange	Options
WD Wide 80° Nominal Distribution 1.2 SC/H **MD** Medium 60° Nominal Distribution 1.0 SC/H **WW**[2] Wall Wash	**CW** Clear Reflector with White Flange **CC** Clear Reflector with Clear Flange (Dead Front) **WW** White Reflector with White Flange (Dead Front) **BB**[5] Black Reflector with Black Flange (Dead Front) **WBW** White Baffle Reflector with White Flange **BBW** Black Baffle Reflector with White Flange	**BLANK** None **EM6** Factory Installed 6W Emergency Driver **AWNR** Lutron Athena Node **BAA**[10] BAA Compliant Option **NURO/RCM**[8] NUROAir Controller for Ceiling Mount Sensor

FOOTNOTES:

1. IC cover is mandatory for IC rating on 4" S round and S Square CC, WW and BB (dead front) reflectors, and 6" and 8" M light engine. All other 4", 6" and 8" S models are IC rated without frame cover. 8" L light engine, 4" M Square light engine, and 6" M Square light engine are not available for IC rating with or without cover.
2. Only available in Clear, Black or Matte White finish. Not compatible with WBW and BBW reflectors.
3. 8" only available in Round Style.
4. Large Selectable light engine is only available for 8" and DUALDIM1 driver.
5. Black Reflector and Flange are Made to Order, maybe subject to longer lead time. Please contact factory.
6. For Fixed Lumen output, the driver will be set at the right current for the lumen selected (F07=700lm, F10=1000lm,…, F60=6000lm). F50 (5000lm) and F60 (6000lm) are exclusively available for 8" and in DUALDIM1. Fixed lumen output light engine is Made To Order and subject to longer lead time, please contact factory.
7. Factory setting at highest lumen output and 3500K for selectable lumen outputs and CCT options.
8. This option needs to be selected for each fixture to use with NURO7/CM.
9. On Small Lumen light engine, 700lm is not selectable standard with DUALDIM1, only 3 options are available 1000/1500/2000lm in this case. Use F07 fixed lumen option if you want 700lm with DUALDIM1.
10. Only available with NC and ICAT Installation Type

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NYX SERIES

NUROAIR SYSTEM COMPANION DEVICES

CONTROLLER & POWER PACKS		OCCUPANCY SENSORS	
NURO-EMCO-109S-V1	NUROAir UL924 Emergency Bluetooth Controller	**NURO-ISW-AC-BL-WP-V1**	NUROAir Bluetooth Vacancy Sensor Wall Switch, AC 120-277V
		NURO7/CM[1]	NUROAir Ceiling Mount Bluetooth Groupable Sensor
SWITCHES			
NURO-SW-3B-AC-BL-WP-V1	NURO Bluetooth 3-Button Wall Switch, AC 120-277V		
NURO-SW-7B-AC-BL-WP-V1	NURO Bluetooth 7-Button Wall Switch, AC 120-277V		
NURO-SW-3B-BA-BL-WP-V1	NURO Bluetooth 3-Button Wall Switch, Battery Powered		
NURO-SW-5B-BA-BL-WP-V1	NURO Bluetooth 5-Button Wall Switch, Battery Powered		

FOOTNOTES: 1. 600 sq ft sensor coverage

NUROAir by ILLUMUS

NUROAir Bluetooth Ceiling Mount Dual Mode Sensor is the optimal groupable controls lighting solution. With main features such as PIR Motion and Ultrasonic Sensing, Occupancy/Vacancy, and Bi-Level Dimming - this flexibility makes the NUROAir Bluetooth Ceiling Mount Dual Mode Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.

NUROAir® Bluetooth Controls
POWERED BY ILLUMUS, BRANDS



Click Here or Scan Code to Learn More About
NUROAir Bluetooth Controls

REFLECTOR STYLES

CW — Clear Reflector with White Flange



CC — Clear Reflector with Clear Flange (Dead Front)



WW — White Reflector with White Flange (Dead Front)



BB — Black Reflector with Black Flange (Dead Front)



WBW — White Baffle Reflector with White Flange



BBW — Black Baffle Reflector with White Flange



WW/CW — Clear Reflector with White Flange and Clear Wall Wash



WW/CC — Clear Reflector with Clear Flange and Clear Wall Wash



WW/WW — White Reflector with White Flange and White Wall Wash



TECHNICAL INFORMATION

Product	Dimming	Input Voltage	Input Frequency	Max Input Current	Max Input Power	THD Power	Power Factor	Flicker Index	Sound Rating
4" Round S (7.5/10/15/22)	0-10V and ELV/TRIAC	120-277V	50-60Hz	230mA	22W	<20%	>0.9	<30%	<22db
4" Square S (7.5/10/15/22)				230mA	22W				
4" Round M (25/30/40)				460mA	40W				
4" Square M (25/30/40)				460mA	40W				
6" Round S (7.5/10/15/22)				230mA	22W				
6" Square S (7.5/10/15/22)				230mA	20W				
6" Round M (25/30/40)				460mA	40W				
6" Square M (25/30/40)				460mA	40W				
8" Round S (7.5/10/15/22)				230mA	21W				
8" Round M (25/30/40)				460mA	40W				
8" Round L (40/50/60)				620mA	60W				

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NYX SERIES

NOMINAL PERFORMANCE

4" Round S (7.5/10/15/22) With Reflector

CCT	2700K / CRI90		3000K / CRI90		3500K / CRI90		4000K / CRI90		5000K / CRI90	
Output / Wattage(W)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)
7.5	694	93	712	95	740	99	750	100	750	100
10	925	93	950	95	985	99	1,000	100	1,000	100
15	1,387	92	1,425	95	1,481	99	1,500	100	1,500	100
22	2,050	93	2,050	93	2,150	98	2,150	98	2,150	98

4" Square S (7.5/10/15/22) With Reflector

CCT	2700K / CRI90		3000K / CRI90		3500K / CRI90		4000K / CRI90		5000K / CRI90	
Output / Wattage(W)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)
7.5	675	90	695	93	720	96	730	97	740	99
10	900	90	925	93	960	96	975	98	987	99
15	1,350	90	1,385	92	1,440	96	1,460	97	1,480	99
22	1,950	89	1,950	89	2,050	93	2,050	93	2,050	93

6" and 8" Round S (7.5/10/15/22) With Reflector

CCT	2700K / CRI90		3000K / CRI90		3500K / CRI90		4000K / CRI90		5000K / CRI90	
Output / Wattage(W)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)
7.5	703	94	722	96	750	100	750	100	750	100
10	938	94	963	96	1,000	100	1,000	100	1,000	100
15	1,406	94	1,444	96	1,500	100	1,500	100	1,500	100
22	2,050	93	2,050	93	2,150	98	2,150	98	2,150	98

6" Square S (7.5/10/15/22) With Reflector

CCT	2700K / CRI90		3000K / CRI90		3500K / CRI90		4000K / CRI90		5000K / CRI90	
Output / Wattage(W)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)
7.5	703	94	722	96	750	100	750	100	750	100
10	938	94	963	96	1,000	100	1,000	100	1,000	100
15	1,406	94	1,444	96	1,500	100	1,500	100	1,500	100
22	2,050	93	2,050	93	2,150	98	2,150	98	2,150	98

4", 6" and 8" Round M (25/30/40) With Reflector

CCT	2700K / CRI90		3000K / CRI90		3500K / CRI90		4000K / CRI90		5000K / CRI90	
Output / Wattage(W)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)
25	2,350	94	2,400	96	2,500	100	2,500	100	2,500	100
30	2,800	93	2,900	97	3,000	100	3,000	100	3,000	100
41	3,900	95	3,900	95	4,100	100	4,100	100	4,100	100

6" and 4" Square M (25/30/40) With Reflector

CCT	2700K / CRI90		3000K / CRI90		3500K / CRI90		4000K / CRI90		5000K / CRI90	
Output / Wattage(W)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)
25	2,350	94	2,400	96	2,500	100	2,500	100	2,500	100
30	2,800	93	2,900	97	3,000	100	3,000	100	3,000	100
41	3,900	95	3,900	95	4,100	100	4,100	100	4,100	100

8" Round L (40/50/60) With Reflector

CCT	2700K / CRI90		3000K / CRI90		3500K / CRI90		4000K / CRI90		5000K / CRI90	
Output / Wattage(W)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)	Lumens (lm)	Efficacy (LPW)
40	3,800	95	3,900	98	4,000	100	4,000	100	4,000	100
50	4,800	96	4,900	98	5,000	100	5,000	100	5,000	100
60	5,600	93	5,800	97	6,000	100	6,000	100	6,000	100

REFLECTOR FINISH MULTIPLIERS

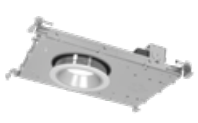
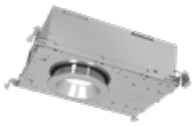
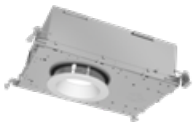
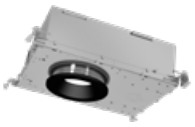
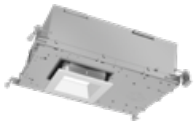
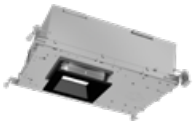
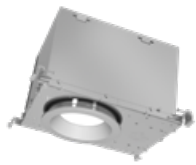
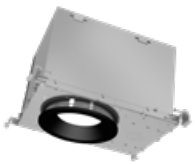
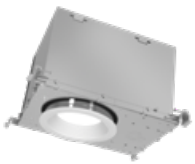
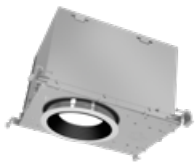
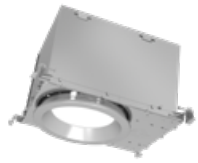
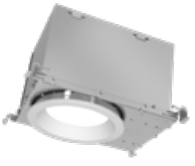
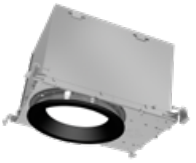
Reflector Finish	Clear	Matte White	White Baffle	Black Baffle
Multipliers[1]	1.0	1.02	0.98	0.82

FOOTNOTES: 1. Multipliers for relative lumen values with other reflector finishes

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NYX SERIES

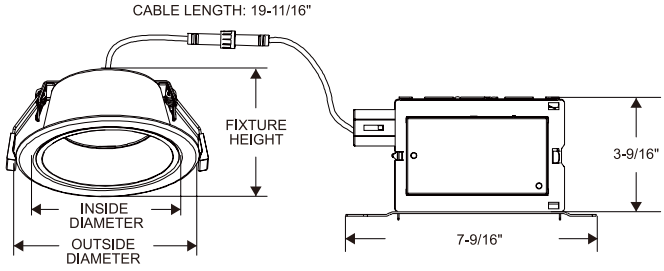
IC RATING

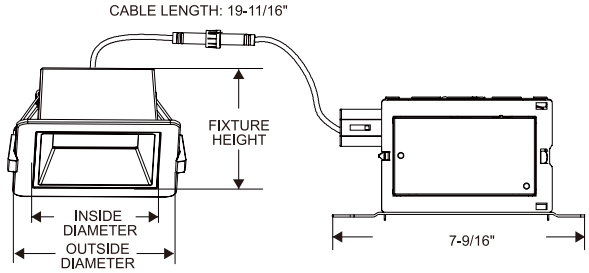
Reflector And Flange / Light Engine	CW	CC	WW	BB	WBW	BBW
4" Round S (7.5/10/15/20)	 IC Standard	 With Shallow IC Cover	 With Shallow IC Cover	 With Shallow IC Cover	 IC Standard	 IC Standard
4" Square S (7.5/10/15/20)	 IC Standard	 With Shallow IC Cover	 With Shallow IC Cover	 With Shallow IC Cover	 IC Standard	 IC Standard
6" Round S (7.5/10/15/20)	 IC Standard	 IC Standard	 IC Standard	 IC Standard	 IC Standard	 IC Standard
6" Square S (7.5/10/15/20)	 IC Standard	 IC Standard	 IC Standard	 IC Standard	 IC Standard	 IC Standard
6" Round M (25/30/40)	 With Large IC Cover	 With Large IC Cover	 With Large IC Cover	 With Large IC Cover	 With Large IC Cover	 With Large IC Cover
8" Round S (7.5/10/15/20)	 IC Standard	 IC Standard	 IC Standard	 IC Standard	 IC Standard	 IC Standard
8" Round M (25/30/40)	 With Large IC Cover	 With Large IC Cover	 With Large IC Cover	 With Large IC Cover	With Large IC Cover	With Large IC Cover

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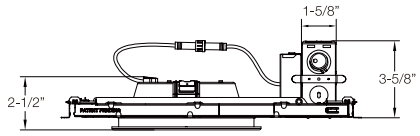
NYX SERIES

LINE DRAWINGS

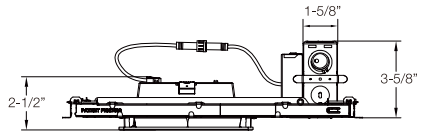




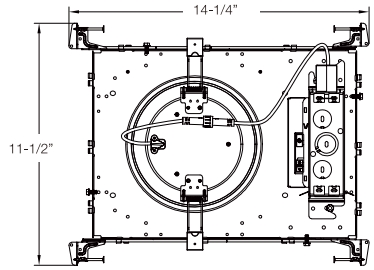
	Size	Inside Diameter	Outside Trim Diameter	Fixture Height	Minimum Cutout	Maximum Cutout
NYX ROUND	4	3-15/16"	5-1/2"	2-1/2" (S light engine)	4-1/2"	4-3/4"
	6	5-1/2"	7-1/16"	3-7/16" (M light engine)	6-1/16"	6-5/16"
	8	7-1/16"	8-11/16"	2-9/16"	7-11/16"	8-1/16"
NYX SQUARE	4	3-3/8x3-3/8"	4-7/8x4-7/8"	2-1/2" (S light engine)	4x4"	4-1/8x4-1/8"
	6	4-13/16x4-13/16"	6-3/8x6-3/8"	3-7/16" (M light engine)	5-5/16x5-5/16"	5-5/8x5-5/8"

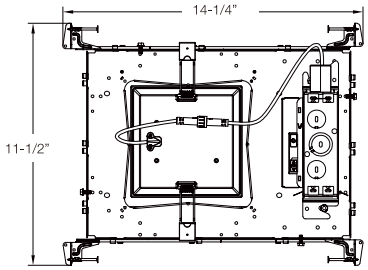


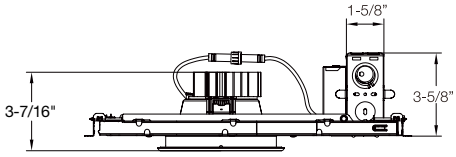
4" S, 6" and 8" Round Frame (shown with 6" Light Engine)



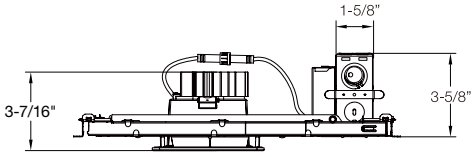
4" S and 6" Square Frame (shown with 6" Light Engine)



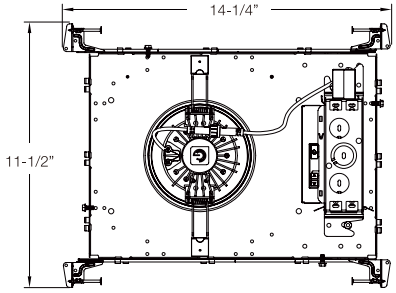


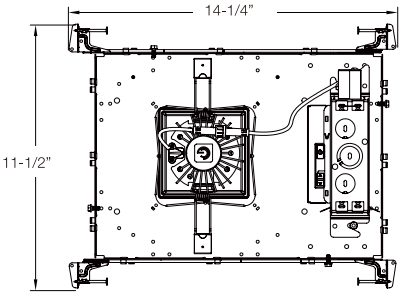


4" M Round Frame



4" M Square Frame



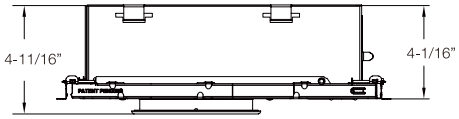


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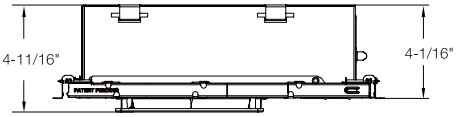
NYX SERIES

LINE DRAWINGS

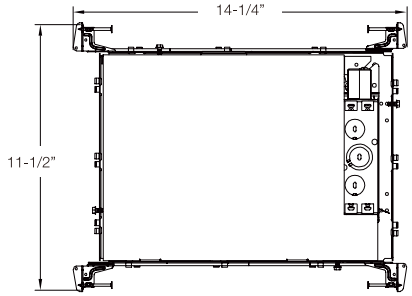
With Shallow IC Box

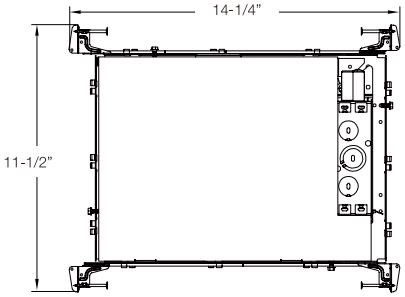


4" , 6" and 8" Round S Lumen Shallow IC Frame Cover
(shown with 6" Light Engine)

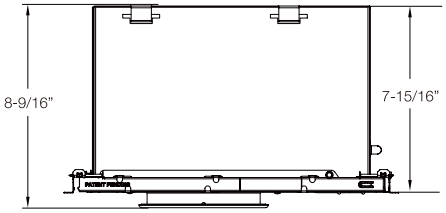


4" and 6" Square S Lumen Shallow IC Frame Cover
(shown with 6" Light Engine)

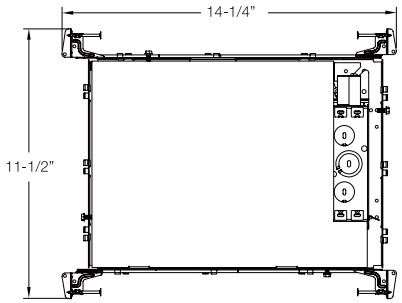




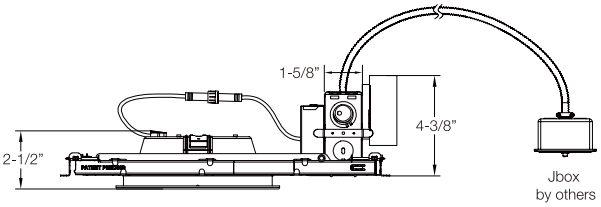
With Large IC Box



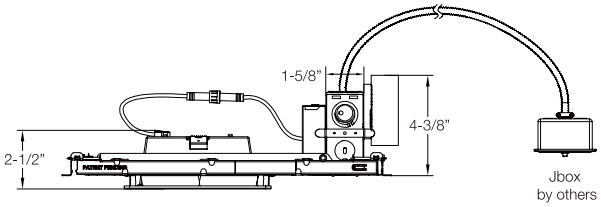
6" and 8" Round M Lumen Large IC Frame Cover
(shown with 6" Light Engine)



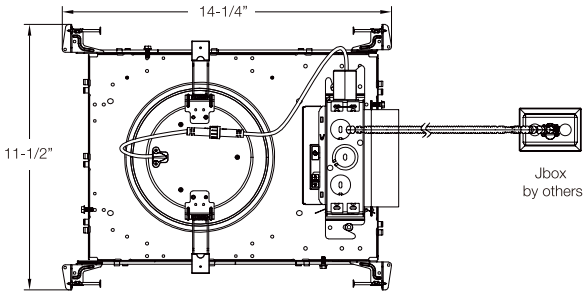
With EM

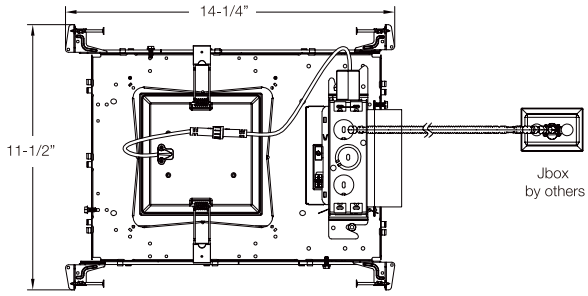


4" , 6" and 8" Round Frame with EM6 (shown with 6" Light Engine)



4" and 6" Square Frame with EM6 (shown with 6" Light Engine)



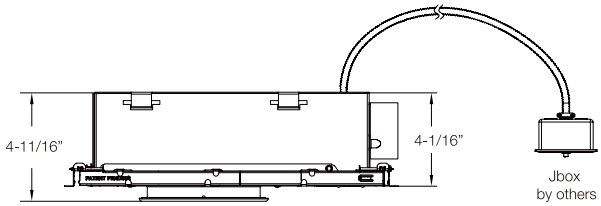


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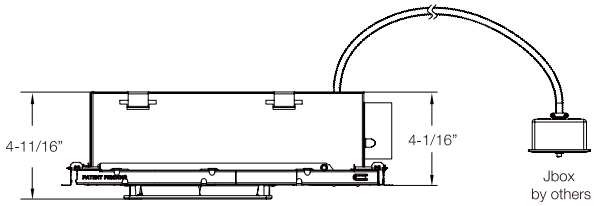
NYX SERIES

LINE DRAWINGS

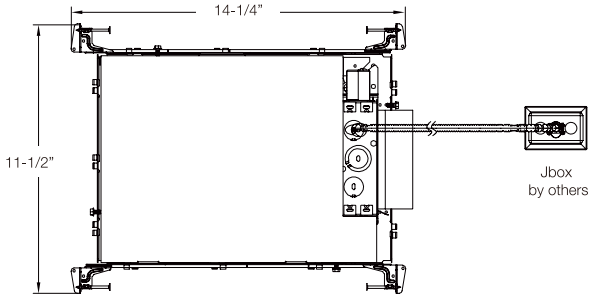
With EM & Shallow IC Box

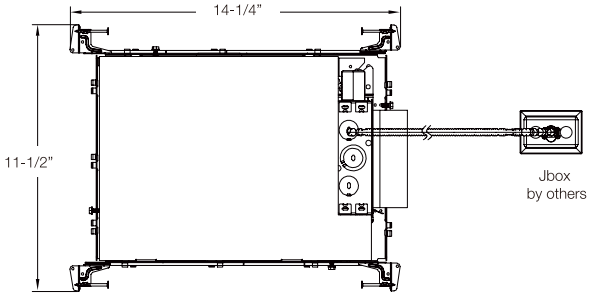


4" , 6" and 8" Round S Lumen Shallow IC Frame Cover with EM6
(shown with 6" Light Engine)

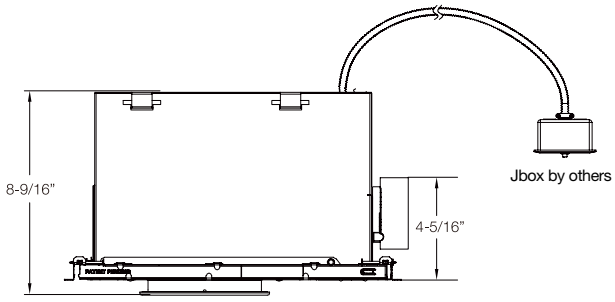


4" and 6" Square S Lumen Shallow IC Frame Cover with EM6
(shown with 6" Light Engine)

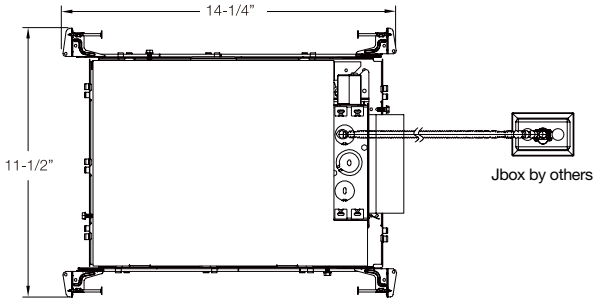




With EM and Large IC Box



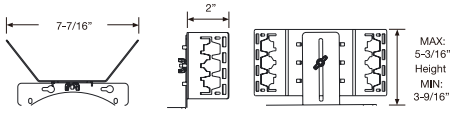
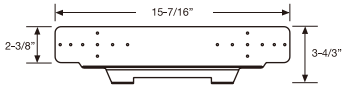
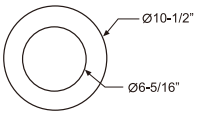
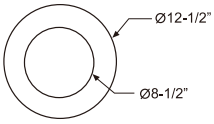
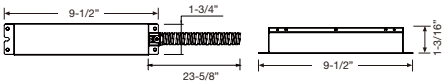
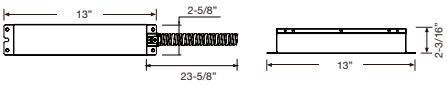
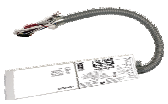
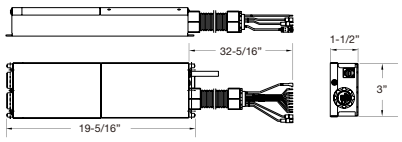
6" and 8" Round M Lumen Large IC Frame Cover with EM6
(shown with 6" Light Engine)



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NYX SERIES

ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimensions
35126	NCFBFB	Field Installable Butterfly Brackets (pair of 2) For New Construction Frame		
35125[1]	NCFEMB[1]	Field Installable Brackets For emergency Driver or Inverter with New Construction Frame		
98568	GOOFRING6	6" Goof Ring - Outer Diameter 10-1/2"		
98567	GOOFRING8	8" Goof Ring - Outer Diameter 12-1/2"		
37934	8EMINVERTER	California Title 20 Compliant 8W Emergency LED Inverter (Field Installation)		
38096	24EMINVERTER	California Title 20 Compliant 24W Emergency LED Inverter (Field Installation)		
FHUPS1-UNV-25L-SD	FHUPS1-UNV-25L-SD	25W Emergency Micro Inverter for field installation to use with 0-10V Driver options. 100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant		

FOOTNOTES:

1. Only needed for field installable emergency driver/inverter

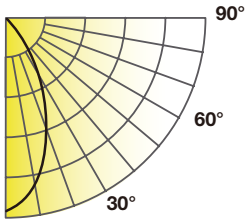
Note: For details of compatibility between each emergency solution and specific product models, please refer to the Products Emergency Compatibility Matrix file available on https://greencreative.com/emergency-accessories/

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NYX SERIES

PHOTOMETRY

NYXNC4RD/S9CCT5S/DUALDIM/MD/CC



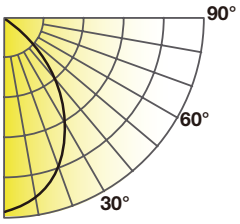
Lumens: 2,206 lm
CBCP: 1,850 cd
Power: 20 W
Efficacy: 108 lm/W
CRI: 92
Spacing Criteria: 0.91
Beam Angle: 62°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,718
20	1,385
30	966
40	581
50	294
60	112
70	11
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	40	10
10	26	12
12	18	14
15	11	18
20	6	24

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,153	52
0-40	1,632	74
0-60	2,141	97
0-90	2,203	100

NYXNC4RD/S9CCT5S/DUALDIM/WD/CC



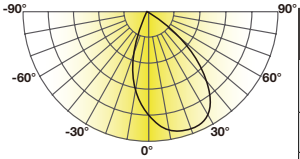
Lumens: 2,147 lm
CBCP: 1,354 cd
Power: 20 W
Efficacy: 106 lm/W
CRI: 92
Spacing Criteria: 1.08
Beam Angle: 78°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,311
20	1,174
30	945
40	650
50	358
60	133
70	15
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	30	13
10	19	16
12	14	20
15	9	24
20	5	33

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	970	45
0-40	1,469	68
0-60	2,073	97
0-90	2,144	100

NYXNC4RD/S9CCT5S/DUALDIM/WW/CC



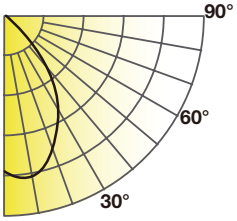
Lumens: 1,361 lm
CBCP: 785 cd
Power: 20 W
Efficacy: 67 lm/W
CRI: 92
Spacing Criteria: 1.31
Beam Angle: 79°

Candlepower Distribution	
Angle (°)	Average (cd)
10	645
20	586
30	508
40	401
50	269
60	145
70	67
80	15
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	15	13
10	10	16
12	7	20
15	4	25
20	2	33

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	492	36
0-40	777	57
0-60	1,213	89
0-90	1,359	100

NYXNC4SQ/S9CCT5S/DUALDIM/MD/CC



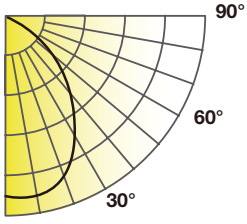
Lumens: 2,153 lm
CBCP: 1,658 cd
Power: 20 W
Efficacy: 106 lm/W
CRI: 92
Spacing Criteria: 0.98
Beam Angle: 68°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,567
20	1,336
30	980
40	592
50	294
60	109
70	15
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	36	11
10	29	12
12	23	13
15	16	16
20	10	20

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,098	51
0-40	1,588	74
0-60	2,088	97
0-90	2,150	100

NYXNC4SQ/S9CCT5S/DUALDIM/WD/CC



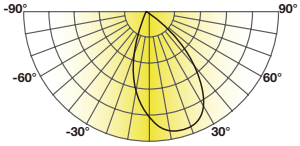
Lumens: 2,108 lm
CBCP: 1,383 cd
Power: 20 W
Efficacy: 104 lm/W
CRI: 92
Spacing Criteria: 1.07
Beam Angle: 76°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,342
20	1,203
30	950
40	624
50	327
60	121
70	17
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	31	12
10	20	16
12	14	19
15	9	23
20	5	31

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	990	47
0-40	1,482	70
0-60	2,037	97
0-90	2,105	100

NYXNC4SQS9CCT5SDUALDIM/WW/CC



Lumens: 1,265 lm
CBCP: 904 cd
Power: 20 W
Efficacy: 63 lm/W
CRI: 92
Spacing Criteria: 1.21
Beam Angle: 69°

Candlepower Distribution	
Angle (°)	Average (cd)
10	718
20	656
30	537
40	378
50	222
60	103
70	45
80	9
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	17	11
10	11	14
12	7	17
15	5	21
20	3	28

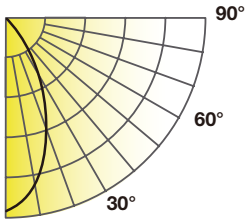
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	539	43
0-40	821	65
0-60	1,178	93
0-90	1,264	100

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NYX SERIES

PHOTOMETRY

NYXNC6RD/M9CCT5S/DUALDIM/MD/CC



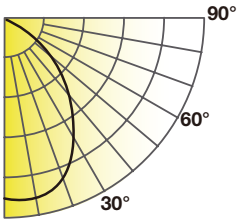
Lumens: 4,084 lm
CBCP: 3,169 cd
Power: 39 W
Efficacy: 110 lm/W
CRI: 92
Spacing Criteria: 0.89
Beam Angle: 64°

Candlepower Distribution	
Angle (°)	Average (cd)
10	290
20	2,264
30	1,670
40	1,092
50	635
60	258
70	67
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	7	10
10	4	12
12	3	15
15	2	19
20	1	25

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,942	48
0-40	2,820	69
0-60	3,896	95
0-90	4,077	100

NYXNC6RD/M9CCT5S/DUALDIM/WD/CC



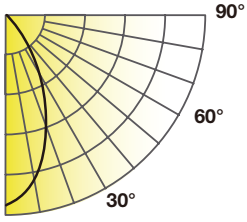
Lumens: 3,936 lm
CBCP: 2,175 cd
Power: 39 W
Efficacy: 105 lm/W
CRI: 92
Spacing Criteria: 1.09
Beam Angle: 85°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,089
20	1,865
30	1,554
40	1,188
50	776
60	378
70	81
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	49	15
10	31	18
12	22	22
15	14	27
20	8	37

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,552	39
0-40	2,411	61
0-60	3,686	94
0-90	3,929	100

NYXNC6RD/S9CCT5S/DUALDIM/MD/CC



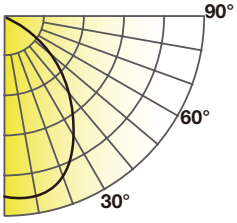
Lumens: 2,329 lm
CBCP: 1,767 cd
Power: 20 W
Efficacy: 114 lm/W
CRI: 92
Spacing Criteria: 0.91
Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,628
20	1,299
30	949
40	626
50	363
60	156
70	38
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	38	10
10	24	13
12	17	15
15	11	19
20	6	26

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,091	47
0-40	1,591	68
0-60	2,217	95
0-90	2,326	100

NYXNC6RD/S9CCT5S/DUALDIM/WD/CC



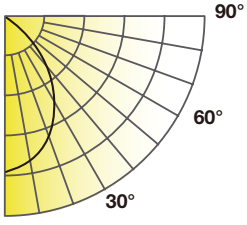
Lumens: 2,356 lm
CBCP: 1,307 cd
Power: 20 W
Efficacy: 115 lm/W
CRI: 92
Spacing Criteria: 1.10
Beam Angle: 85°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,254
20	1,119
30	933
40	704
50	458
60	219
70	46
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	29	15
10	19	18
12	13	22
15	8	27
20	5	37

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	930	40
0-40	1,445	61
0-60	2,208	94
0-90	2,353	100

NYXNC6SQ/S9CCT5S/DUALDIM/MD/CC



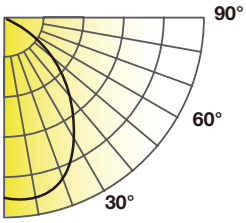
Lumens: 2,237 lm
CBCP: 1,531 cd
Power: 20 W
Efficacy: 109 lm/W
CRI: 92
Spacing Criteria: 0.97
Beam Angle: 70°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,444
20	1,211
30	906
40	611
50	366
60	178
70	54
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	34	11
10	21	14
12	15	17
15	10	21
20	5	28

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,004	45
0-40	1,480	66
0-60	2,108	94
0-90	2,234	100

NYXNC6SQ/S9CCT5S/DUALDIM/WD/CC



Lumens: 2,269 lm
CBCP: 1,290 cd
Power: 20 W
Efficacy: 111 lm/W
CRI: 92
Spacing Criteria: 1.11
Beam Angle: 83°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,250
20	1,128
30	930
40	678
50	416
60	193
70	46
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	29	14
10	19	18
12	13	21
15	8	26
20	5	35

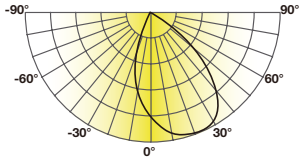
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	934	41
0-40	1,440	64
0-60	2,137	94
0-90	2,265	100

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NYX SERIES

PHOTOMETRY

NYXNC6SQ/S9CCT5S/DUALDIM/WW/CC



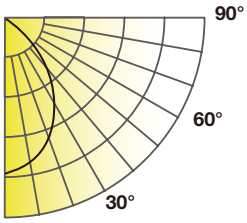
Lumens: 1,332 lm
CBCP: 843 cd
Power: 20 W
Efficacy: 64 lm/W
CRI: 92
Spacing Criteria: 1.31
Beam Angle: 77°

Candlepower Distribution	
Angle (°)	Average (cd)
10	665
20	641
30	532
40	415
50	274
60	138
70	50
80	11
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	15	13
10	10	16
12	7	19
15	4	24
20	2	32

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	505	38
0-40	791	59
0-60	1,220	92
0-90	1,330	100

NYXNC4SQ/M9CCT5S/DUALDIM/WD/CC (3500K Selected)



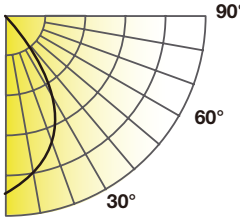
Lumens: 3,259 lm
CBCP: 2,132 cd
Power: 35 W
Efficacy: 97 lm/W
CRI: 92
Spacing Criteria: 1.06
Beam Angle: 76°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,067
20	1,852
30	1,461
40	968
50	509
60	195
70	23
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	48	12
10	31	15
12	21	19
15	14	23
20	8	31

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,526	47
0-40	2,283	70
0-60	3,147	97
0-90	3,253	100

NYXNC4SQ/M9CCT5S/DUALDIM/MD/CC (3500K Selected)



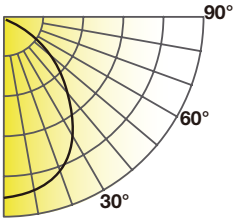
Lumens: 3,339 lm
CBCP: 2,561 cd
Power: 35 W
Efficacy: 99 lm/W
CRI: 92
Spacing Criteria: 0.96
Beam Angle: 67°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,424
20	2,050
30	1,504
40	915
50	457
60	185
70	21
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	56	11
10	36	13
12	25	16
15	16	20
20	9	27

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,690	51
0-40	2,442	73
0-60	2,960	89
0-90	3,333	100

NYXNC4RD/M9CCT5S/DUALDIM/WD/CC (3500K Selected)



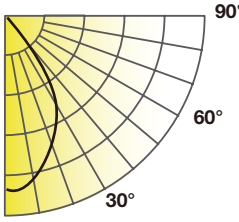
Lumens: 3,655 lm
CBCP: 1,793cd
Power: 35 W
Efficacy: 108 lm/W
CRI: 92
Spacing Criteria: 1.18
Beam Angle: 90°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,752
20	1,632
30	1,419
40	1,080
50	704
60	363
70	135
80	46
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	41	16
10	26	20
12	18	24
15	12	30
20	7	40

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,358	37
0-40	2,143	59
0-60	3,301	90
0-90	3,648	100

NYXNC4RD/M9CCT5S/DUALDIM/MD/CC (3500K Selected)



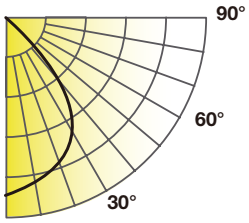
Lumens: 3,675 lm
CBCP: 2,650 cd
Power: 35 W
Efficacy: 109 lm/W
CRI: 92
Spacing Criteria: 0.92
Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,478
20	2,036
30	1,476
40	955
50	573
60	284
70	102
80	34
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	58	10
10	45	12
12	37	13
15	26	15
20	16	19

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,688	46
0-40	2,440	66
0-60	3,398	92
0-90	3,669	100

NYXNC6SQ/M9CCT5S/DUALDIM/WD/CC (3500K Selected)



Lumens: 3,917 lm
CBCP: 2,196 cd
Power: 40 W
Efficacy: 103 lm/W
CRI: 92
Spacing Criteria: 1.1
Beam Angle: 83°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,130
20	1,933
30	1,616
40	1,185
50	736
60	343
70	83
80	3
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	49	14
10	32	18
12	22	21
15	14	27
20	8	36

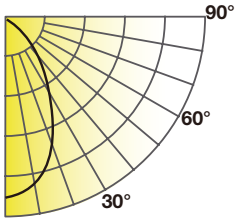
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,602	41
0-40	2,477	63
0-60	3,685	94
0-90	3,910	100

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NYX SERIES

PHOTOMETRY

NYXNC6SQ/M9CCT5S/DUALDIM/MD/CC (3500K Selected)



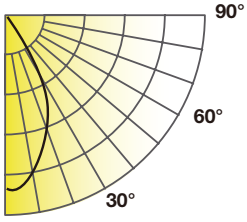
Lumens: 3,882 lm
CBCP: 2,675cd
Power: 40 W
Efficacy: 102 lm/W
CRI: 92
Spacing Criteria: 0.95
Beam Angle: 69°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,512
20	2,100
30	1,578
40	1,069
50	644
60	311
70	85
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	58	11
10	37	14
12	26	17
15	17	21
20	9	28

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,743	45
0-40	2,567	66
0-60	3,656	94
0-90	3,875	100

NYXNC8RD/S9CCT5S/DUALDIM/MD/CC (3500K Selected)



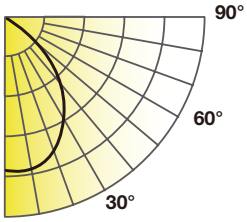
Lumens: 2,357 lm
CBCP: 1,808 cd
Power: 20 W
Efficacy: 116 lm/W
CRI: 92
Spacing Criteria: 0.84
Beam Angle: 60°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,581
20	1,236
30	895
40	618
50	395
60	226
70	80
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	37	9
10	23	11
12	16	14
15	10	17
20	6	23

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,041	44
0-40	1,509	64
0-60	2,169	92
0-90	2,354	100

NYXNC8RD/S9CCT5S/DUALDIM/WD/CC (3500K Selected)



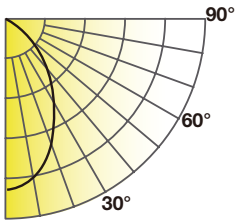
Lumens: 2,457 lm
CBCP: 1,156 cd
Power: 20 W
Efficacy: 121 lm/W
CRI: 92
Spacing Criteria: 1.16
Beam Angle: 94°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,120
20	1,030
30	889
40	714
50	517
60	306
70	105
80	4
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	26	17
10	17	22
12	12	26
15	7	32
20	4	43

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	857	35
0-40	1,359	55
0-60	55	90
0-90	2,453	100

NYXNC8RD/M9CCT5S/DUALDIM/MD/CC (3500K Selected)



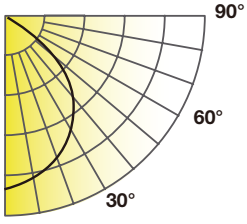
Lumens: 4,296 lm
CBCP: 3,111cd
Power: 40 W
Efficacy: 115 lm/W
CRI: 92
Spacing Criteria: 0.87
Beam Angle: 63°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,825
20	2,243
30	1,642
40	1,125
50	727
60	415
70	145
80	4
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	66	10
10	42	12
12	29	15
15	19	18
20	10	25

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,881	44
0-40	2,741	64
0-60	3,948	92
0-90	4,288	100

NYXNC8RD/M9CCT5S/DUALDIM/WD/CC (3500K Selected)



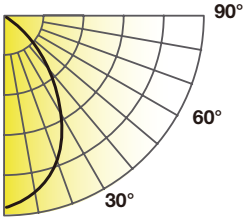
Lumens: 4,442 lm
CBCP: 2,086 cd
Power: 40 W
Efficacy: 119 lm/W
CRI: 92
Spacing Criteria: 1.15
Beam Angle: 94°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,027
20	1,859
30	1,606
40	1,290
50	933
60	556
70	194
80	7
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	47	17
10	30	21
12	21	26
15	13	32
20	8	43

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,548	35
0-40	2,456	55
0-60	3,980	90
0-90	4,432	100

NYXNC8RD/L9CCT5S/DUALDIM1/MD/CC (3500K Selected)



Lumens: 6,336 lm
CBCP: 4,411 cd
Power: 60 W
Efficacy: 108 lm/W
CRI: 92
Spacing Criteria: 0.88
Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,069
20	3,233
30	2,403
40	1,670
50	1,093
60	631
70	224
80	6
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	95	10
10	60	13
12	42	15
15	27	19
20	15	25

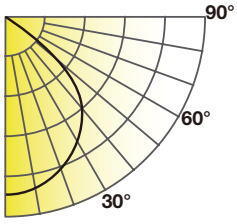
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,718	43
0-40	3,980	63
0-60	5,802	92
0-90	6,323	100

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NYX SERIES

PHOTOMETRY

NYXNC8RD/L9CCT5S/DUALDIM1/WD/CC (3500K Selected)



Lumens: 6,593 lm
CBCP: 3,122cd
Power: 60 W
Efficacy: 112 lm/W
CRI: 92
Spacing Criteria: 1.15
Beam Angle: 94°

Candlepower Distribution	
Angle (°)	Average (cd)
10	3,018
20	2,766
30	2,387
40	1,057
50	1,384
60	825
70	281
80	11
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	70	17
10	45	21
12	31	26
15	20	32
20	11	43

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,304	35
0-40	4,927	75
0-60	5,915	90
0-90	6,578	100

CERTIFICATION INFORMATION

Model	ES ID#
NYX****#**/**##9CCT5S/DUALDIM/**/***	2740471
NYXICAT6RD/**##9CCT5S/DUALDIM/**/***	2740470
NYX**8RD/M9CCT5S/DUALDIM/**/***	3473694
NYX**8RD/S9CCT5S/DUALDIM/**/***	3473695

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