

FIXTURE SPECIFICATIONS

INTENDED USE

This LED monopoint is housed in diecast aluminum to dissipate heat, allowing the product to maintain minimal canopy and retain its sleek appearance. Friction blades mount securely to housing and our light produces from 750 to 1200 lumens at 90+ CRI with a choice of three Kelvin temperatures from 2700K, 3000K or 4000K. Each monopoint includes spot, narrow flood and flood optics which can easily be changed in the field. Available in cylinder or cone styles in black or matte powder white.

PRODUCT FAMILY

13000-TC	Track Channel
13000-LC	Linear Connector
13000-OA	Outlet Adapter
13000-SC	Slope Ceiling Track Adapter
13000-TB	T-Bar End Feed
13000-FC	Floating Canopy Connector
13000-EC	End Cap
13000-LC	Live End with Canopy
13000-LE	Live End
13000-L	L-Connector
13000-T	T-Connector
13000-X	X-Connector
13000-MC	Mini Connector
13000-CP	Cord and Plug Connector
13000-PA	Pendant Adapter
13000-CC	Conduit Connector
13000-CK	Conduit Continuation Kit

FEATURES

Construction: Die-cast aluminum

Lens: Chip on board LED technology

Lumens: 1000 lms (varies by finish, CCT and optic)

Wattage: 14W

Optics: 3 field-changeable pre-installed optics: 27°, 34° and 46°

Mounting: secures to housing with included friction blades

Dimming Driver: TRIAC, ELV, 0-10V (100-10%) or Lutron EcoSystem (specified by housing)

CRI: 90+

Life: 50,000 Hours at L70

Listings: cULus listed for damp location, Title 24 JA8 certified, Energy Star certified

Project Name:

Type:

Quantity:



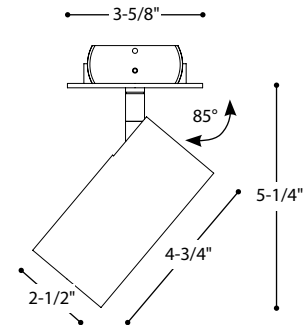
WH
White Exterior
White Interior



BK
Black Exterior
Black Interior



Black Insert
included with
WH finish



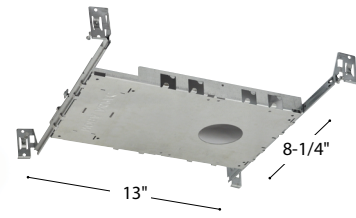
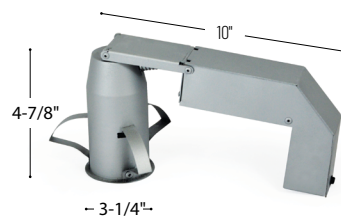
IC

New Construction IC Airtight Housing
Size: 7-5/8" W x 12" L x 4" H
Ceiling Cut-out: 3-1/4"



RM

Remodel IC Airtight Housing
Ceiling Cut-out: 3-1/4"



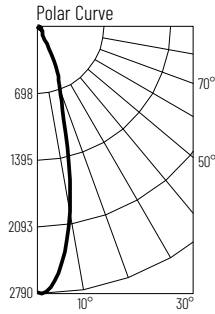
ORDERING INFORMATION Example: (12321-27K-010-WH-IC)

Model	Color Temp	Dimming	Finish	Housing
12321 2" LED Cylinder	27K 2700K 30K 3000K 40K 4000K	010 0-10V 5-Wire TRI TRIAC Forward Phase 2-Wire ELV Electronic Low Voltage Reverse Phase 3-Wire	WH White BK Black	IC 2-Inch New Construction IC Airtight RM 2-Inch Remodel IC Airtight CP 2-Inch Chicago Plenum New Construction



PHOTOMETRICS

Beam Spread: 27° Spot
 Lumens: 975lm
 Wattage: 13.36W
 Efficacy: 73lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.46
 Spacing Criteria (90°-270): 0.46



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	174fc	1'-11"
6'	77.2fc	2'-11"
8'	43.4fc	3'-10"
10'	27.8fc	4'-10"
12'	19.3fc	5'-10"

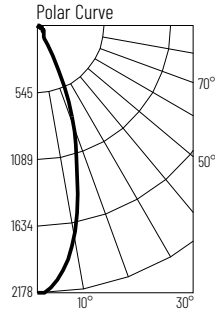
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	745	76.4
0-40	809	82.9
0-60	916	93.9
0-90	972	99.7
90-180	3	0.3
0-180	975	100

Candela Table

Vertical Angles	Candela
0	2778
5	2584
15	1149
25	467
35	97
45	77

Beam Spread: 34° Narrow Flood
 Lumens: 1006lm
 Wattage: 13.47W
 Efficacy: 75lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.56
 Spacing Criteria (90°-270): 0.58



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	136fc	2'-6"
6'	60.5fc	3'-8"
8'	34fc	4'-11"
10'	21.8fc	6'-2"
12'	15.1fc	7'-5"

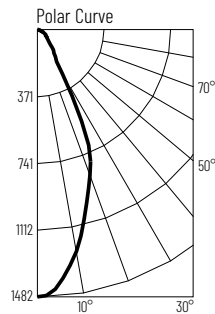
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	760	75.5
0-40	821	81.7
0-60	941	93.6
0-90	1002	99.7
90-180	3	0.3
0-180	1006	100

Candela Table

Vertical Angles	Candela
0	2178
5	2058
15	1267
25	449
35	97
45	76

Beam Spread: 46° Flood
 Lumens: 1001lm
 Wattage: 13.37W
 Efficacy: 75lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.72
 Spacing Criteria (90°-270): 0.7



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	92.6fc	3'-5"
6'	41.2fc	5'-1"
8'	23.2fc	6'-10"
10'	14.8fc	8'-6"
12'	10.3fc	10'-2"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	691	69
0-40	803	80.2
0-60	931	92.9
0-90	998	99.6
90-180	4	0.4
0-180	1001	100

Candela Table

Vertical Angles	Candela
0	1482
5	1415
15	1040
25	631
35	170
45	89