

FIXTURE SPECIFICATIONS

INTENDED USE

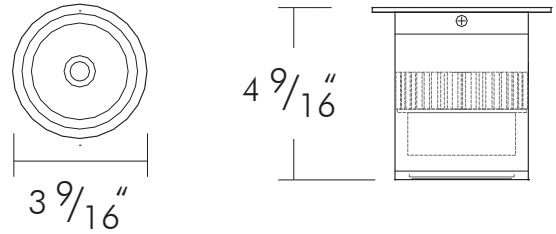
Our direct architectural ceiling downlight provides versatile, low-glare, cylindrical lighting. This product is for either indoor or outdoor commercial or retail use. The diecast aluminum fixture with tempered glass lens and silicone ring can be used to accent, enhance and improve area safety and security. Exclusively designed for downlighting.

PRODUCT FAMILY

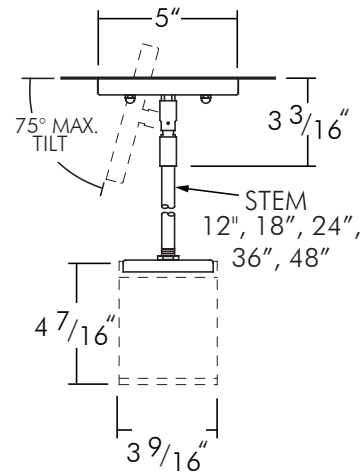
- 11235-ADJ** Cylinder Adjustable
- 11235-DIR** Cylinder Direct
- 11223-DIR** Square Direct

FEATURES

- Construction:** Round one-piece high-grade aluminum extrusion with die-cast aluminum top plate, tamper-resistant
- Light Engine:** LED chip-on-board
- Lens:** Clear tempered glass and silicone o-ring
- Reflector:** Glare-free, one-piece, heavy gauge aluminum
- Mounting:** Includes bracket for installation directly to a 3-1/2" or 4" octagonal electrical junction-box
- Voltage:** 120V (120V-277V available for dimming)
- CRI:** 80
- Life:** L70 - 50,000 hours
- Emergency:** 90 minutes minimum, remote test switch, plate cover, junction box included
- Electrical:** Electronic direct current class 2 driver
- Warranty:** 5 years carefree for parts and components (labor not included). We recommend the use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.
- Listing:** cETLus, cULus, Assembled in the US, IP65
- Compliance:** Dark Sky Compliant when fixture is pointing downward.



Stem Mount Option



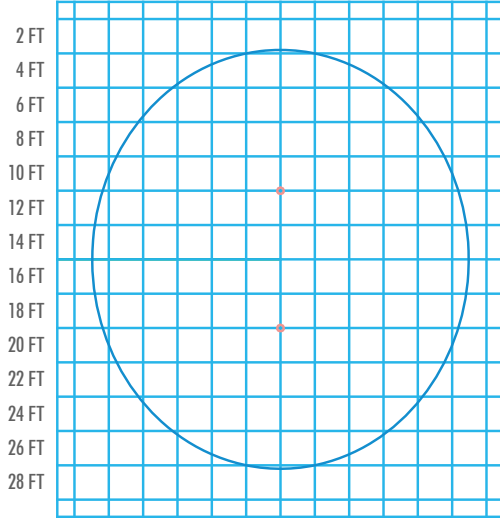
ORDERING INFORMATION Example: (11235-DIR-S-L15-B60-UNI-40K-WH-EM)

Model	Mount	Lumen	Beam Spread	Dimming	Color Temp	Finish	Options
11235-DIR Pavo-Cylinder	S Surface <i>Standard</i>	L10 1000 lm (10W) <i>Standard</i>	B2 2° Narrow Spot	ND <i>Standard</i> Non-Dimming (120V)	27K 2700K	WH White	EM Remote Emergency Backup Battery
	ST12 12" Stem Mount	L15 1500 lm (15W)	B10 10° Spot	O10 0-10V (120/277V)	30K 3000K	BK Black	JB Integral Junction Box
	ST18 18" Stem Mount		B20 20° Wide Spot	TRI TRIAC/ELV (120/277V)	35K 3500K	SL Silver	
	ST24 24" Stem Mount		B45 45° Flood		40K 4000K <i>Standard</i>		
	ST36 36" Stem Mount		B60 60° Wide Flood <i>Standard</i>		50K 5000K		
	ST48 48" Stem Mount		WW Wall Wash				

ISO FOOTCANDLE PLOTS - Two Fixture

11235-DIR-L10-B60-UNI-40K-BK

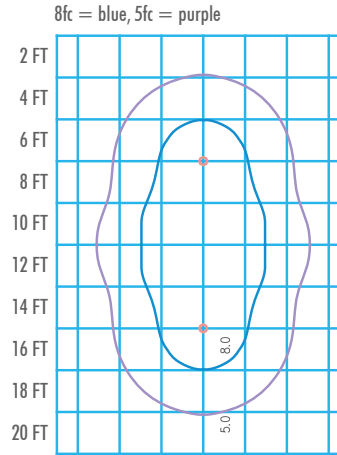
33 Ft Mtg Ht. 8 Ft O.C. Spacing



1 Grid = 2 FT
26 FT x 30 FT Surface Area to achieve 80% Reflectance Value on Ceiling
20% Reflectance Value on Surface (Avg) 1.1 FC

11235-DIR-L10-B60-UNI-40K-BK

10 Ft Mtg Ht. 8 Ft O.C. Spacing



1 Grid = 2 FT
14 FT x 20 FT Surface Area to achieve 80% Reflectance Value on Ceiling
20% Reflectance Value on Surface (Avg) 5.6 FC

11235-DIR-L10-B60-UNI-40K-BK

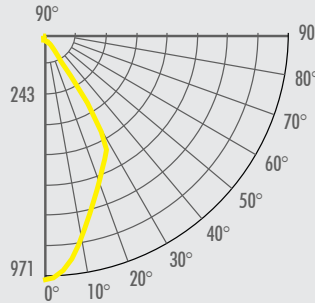
1000lm - Wide Flood - 4000K

CANDELA TABULATION

FOOTCANDLE DISTRIBUTION

System Power	:14.5W
Test Date	:11/15/2017
Beam Angle 50%	:62.7°
Field Angle 10%	:83.4°
Color Temperature	:3997K
CRI	:85.4
R9 Value	:28.5
Lumens Delivered	:863lm
CBCP	:971cd
Power Factor	:0.98

Multipliers	
5600K	1.40
5000K	1.25
3500K	0.87
3000K	0.75
2700K	0.67
2500K	0.62
1700K	0.42
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14



Height	Beam Diameter	FC
8.0'	9.7'	15.2
12.0'	14.6'	6.7
14.0'	17.1'	5.0
16.0'	19.5'	3.8
18.0'	21.9'	3.0

11235-DIR-L10-B10-UNI-40K-BK

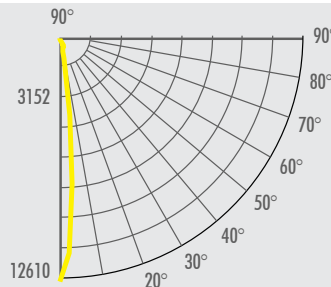
1000lm - Narrow Spot - 4000K

CANDELA TABULATION

FOOTCANDLE DISTRIBUTION

System Power	:14.5W
Test Date	:11/15/2017
Beam Angle 50%	:11.7°
Field Angle 10%	:23.4°
Color Temperature	:4012K
CRI	:85.4
R9 Value	:28.7
Lumens Delivered	:1079lm
CBCP	:12610cd
Power Factor	:0.98

Multipliers	
5600K	1.37
5000K	1.23
3500K	0.86
3000K	0.73
2700K	0.66
2500K	0.61
1700K	0.42
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14



Height	Beam Diameter	FC
10.0'	2.0'	126.1
20.0'	4.1'	31.5
30.0'	6.1'	14.0
40.0'	8.2'	7.9
50.0'	10.2'	5.0

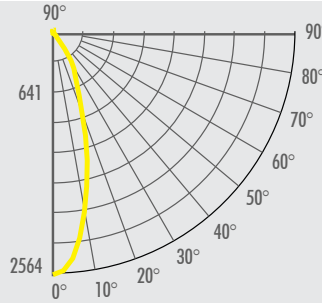
11235-DIR-L15-B45-UNI-40K-BK

1000lm - Flood - 4000K

CANDELA TABULATION
FOOTCANDLE DISTRIBUTION

System Power	:14.5W
Test Date	:11/15/2017
Beam Angle 50%	:32.4°
Field Angle 10%	:68.7°
Color Temperature	:4016K
CRI	:85.4
R9 Value	:28.4
Lumens Delivered	:1068lm
CBCP	:2564cd
Power Factor	:0.98

Multipliers	
5600K	1.37
5000K	1.22
3500K	0.85
3000K	0.73
2700K	0.66
2500K	0.61
1700K	0.42
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14



Height	Beam Diameter	FC
8.0'	4.6'	40.1
12.0'	7.0'	17.8
16.0'	9.3'	10.0
20.0'	11.6'	6.4
25.0'	14.5'	4.1

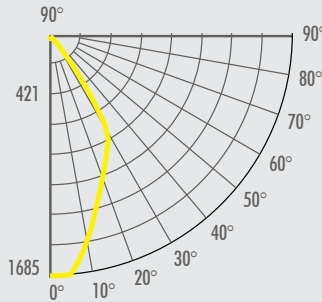
11235-DIR-L15-B45-UNI-40K-BK

1500lm - Wide Flood - 4000K

CANDELA TABULATION
FOOTCANDLE DISTRIBUTION

System Power	:20.1W
Test Date	:11/15/2017
Beam Angle 50%	:58.5°
Field Angle 10%	:82.7°
Color Temperature	:4061K
CRI	:85.4
R9 Value	:24.8
Lumens Delivered	:1418lm
CBCP	:1685cd
Power Factor	:1.00

Multipliers	
5600K	1.38
5000K	1.23
3500K	0.86
3000K	0.74
2700K	0.66
2500K	0.62
1700K	0.42
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14



Height	Beam Diameter	FC
8.0'	9.0'	26.3
10.0'	13.4'	11.7
20.0'	15.7'	8.6
40.0'	17.9'	6.6
60.0'	20.2'	5.2

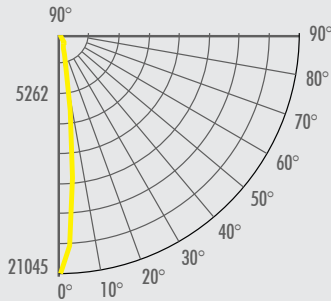
11235-DIR-L15-B10-UNI-40K-BK

1500lm - Narrow Spot - 4000K

CANDELA TABULATION
FOOTCANDLE DISTRIBUTION

System Power	:20.1W
Test Date	:11/15/2017
Beam Angle 50%	:11.7°
Field Angle 10%	:23.4°
Color Temperature	:4076K
CRI	:85.4
R9 Value	:28.7
Lumens Delivered	:1730lm
CBCP	:20228cd
Power Factor	:1.00

Multipliers	
5600K	1.37
5000K	1.23
3500K	0.86
3000K	0.73
2700K	0.66
2500K	0.61
1700K	0.42
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14



Height	Beam Diameter	FC
8.0'	1.6'	316.1
10.0'	2.0'	202.3
20.0'	4.1'	50.6
40.0'	8.2'	12.6
60.0'	12.3'	5.6

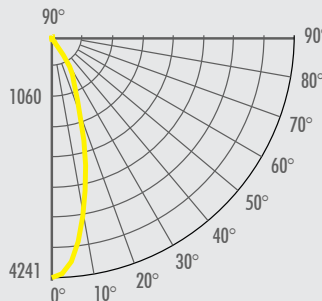
11235-DIR-L15-B45-UNI-40K-BK

1500lm - Flood - 4000K

CANDELA TABULATION
FOOTCANDLE DISTRIBUTION

System Power	:20.1W
Test Date	:11/15/2017
Beam Angle 50%	:32.4°
Field Angle 10%	:68.7°
Color Temperature	:4080K
CRI	:85.4
R9 Value	:28.4
Lumens Delivered	:1714lm
CBCP	:4115cd
Power Factor	:1.00

Multipliers	
5600K	1.37
5000K	1.22
3500K	0.85
3000K	0.73
2700K	0.66
2500K	0.61
1700K	0.42
CRI	
80CRI (Blank)	:0.94
90CRI (-C90)	:1.05
97CRI (-C97)	:1.14



Height	Beam Diameter	FC
8.0'	4.6'	64.3
10.0'	7.0'	28.6
20.0'	9.3'	16.1
40.0'	11.6'	10.3
60.0'	14.5'	6.6

COLOR TEMPERATURE GUIDE

