




Outdoor Lighting



SHOEBOX LED
(Black, Dark Sky Control)

LED (Light-emitting diode) 150 | 200 | 420 | 530 watts
 Mounting height 25', 30', 30'
 Color Black | Bronze | Gray | White
 Pole Fiberglass (1 or 2 fixtures per pole)
 Decorative tapered metal
 Decorative square metal
 Applications Neighborhoods
 Roadways
 Shopping centers

Light source: LED (white)
 Wattage: 150 | 200 | 420 | 530 watts
 Light pattern:IES Type V | Type IV (down throw) | Type III
 IESNA cutoff classification: Full-cutoff
 BUG rating: 150W Type III = EUL003 / Type IV = EUL004 / Type V = EUL005
 200W Type III = EUL004 / Type IV = EUL004 / Type V = SAU003
 420W Type IV = EUL005 / Type V = SAU005
 530W Type IV = EUL005 / Type V = SAU005
 Color temperature: 4,000K

POLE AVAILABLE	MOUNTING HEIGHT	COLOR
Round tapered decorative metal*	35'	Black, Bronze
Decorative square metal*	25' and 30'	Black, Bronze, Gray, White
Fiberglass	25' and 30'	Black (1 or 2 fixtures per pole) Gray (1 or 2 fixtures per pole)

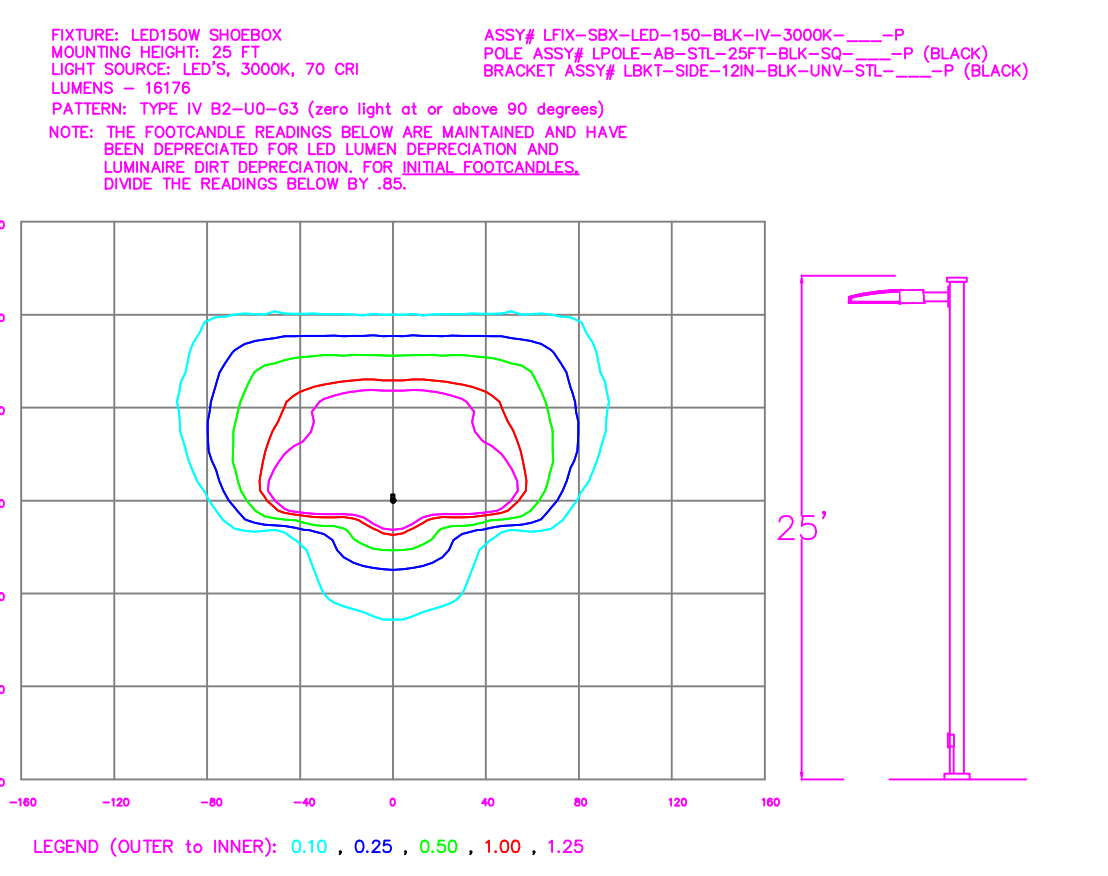
FEATURES
 Turnkey operation
 Little or no installation cost
 Design services by lighting professionals included
 Maintenance, electricity & warranty included
 One low monthly cost on your electric bill

BENEFITS
 Provides hassle-free installation and service
 Free-up capital for other projects
 Meets industry standards and lighting ordinances
 Eliminates high and unexpected repair bills
 Convenience and savings for you

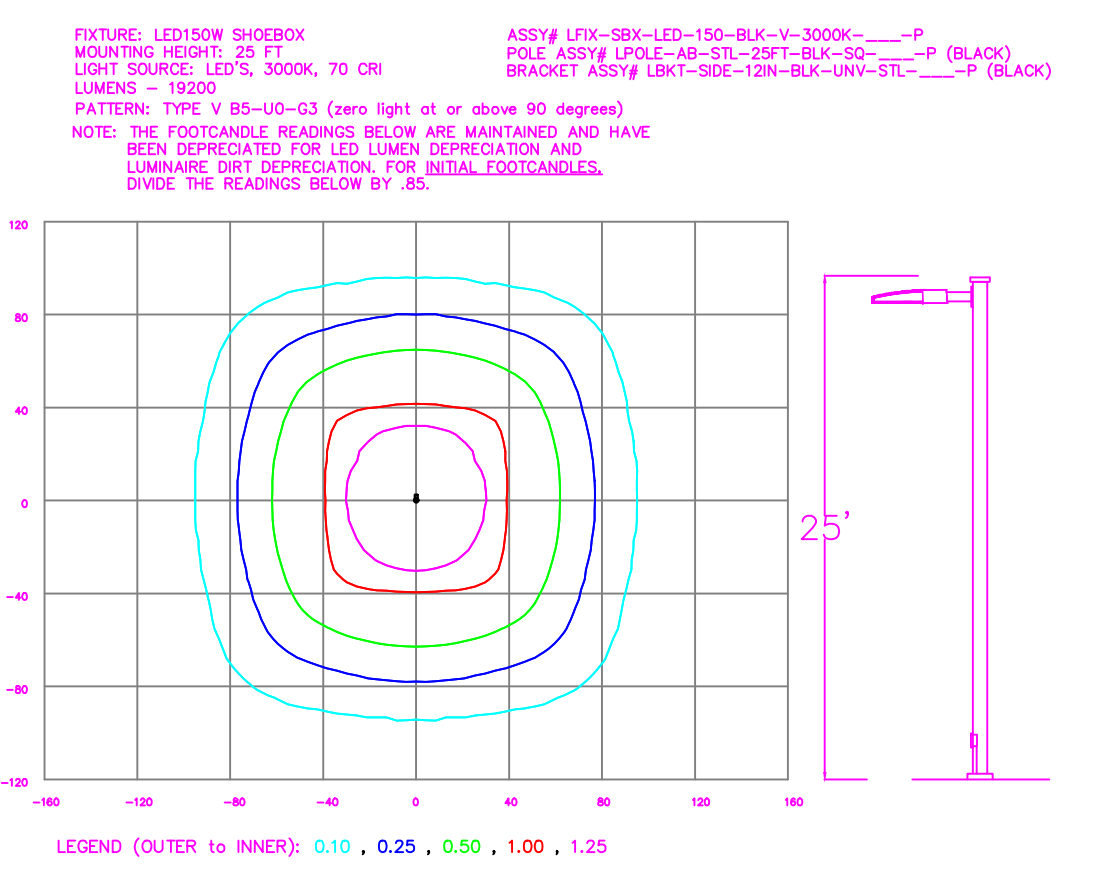
For additional information, email us at
 OES@dukeenergy.com

©2024 Duke Energy Progress. 20240610-001

ISOFOOTCANDLE CURVES



ISOFOOTCANDLE CURVES



Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking	✕	1.3 fc	2.9 fc	0.4 fc	7.3:1	3.3:1

Schedule

Symbol	Label	QTY	Description	Number Lamps	Lamp Output	LLF
●	A	5	LED 150w ShoebOX - Type IV - 3000K	48	337	0.85
◆	B	3	LED 150w ShoebOX - Type V - 3000K	48	400	0.85

LIGHTING DESIGN TOLERANCE
 The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.



PROPRIETARY & CONFIDENTIAL
 This document together with the concepts and designs presented herein, presented as an instrument of service, is the sole property of Duke Energy, and is intended only for the specific purpose and prospective client as stated in the title block of this drawing. Any use, copying, reproduction or disclosure of the drawing, design or any information contained herein by the prospective customer or other entities, including without limitation, architects, engineers, or equipment manufacturers is hereby expressly prohibited and shall not be permitted absent prior written consent from, and payment of compensation to Duke Energy. Duke Energy disclaims any liability or responsibility for any unauthorized use of or reliance on this document.

PINO GLO	
Rolesville, NC	
SITE LIGHTING ARRANGEMENT	
Designed by DUKE ENERGY PROGRESS LIGHTING SOLUTIONS	
Reviewed by N. Johnson	Scale 1" = 30'
Date 06/14/2024	Size Drawing size "D"
Description LED ShoebOX	
Drawing No. 24-0239A	Sht. 1 OF 1

NO.	DATE	REVISION	BY

