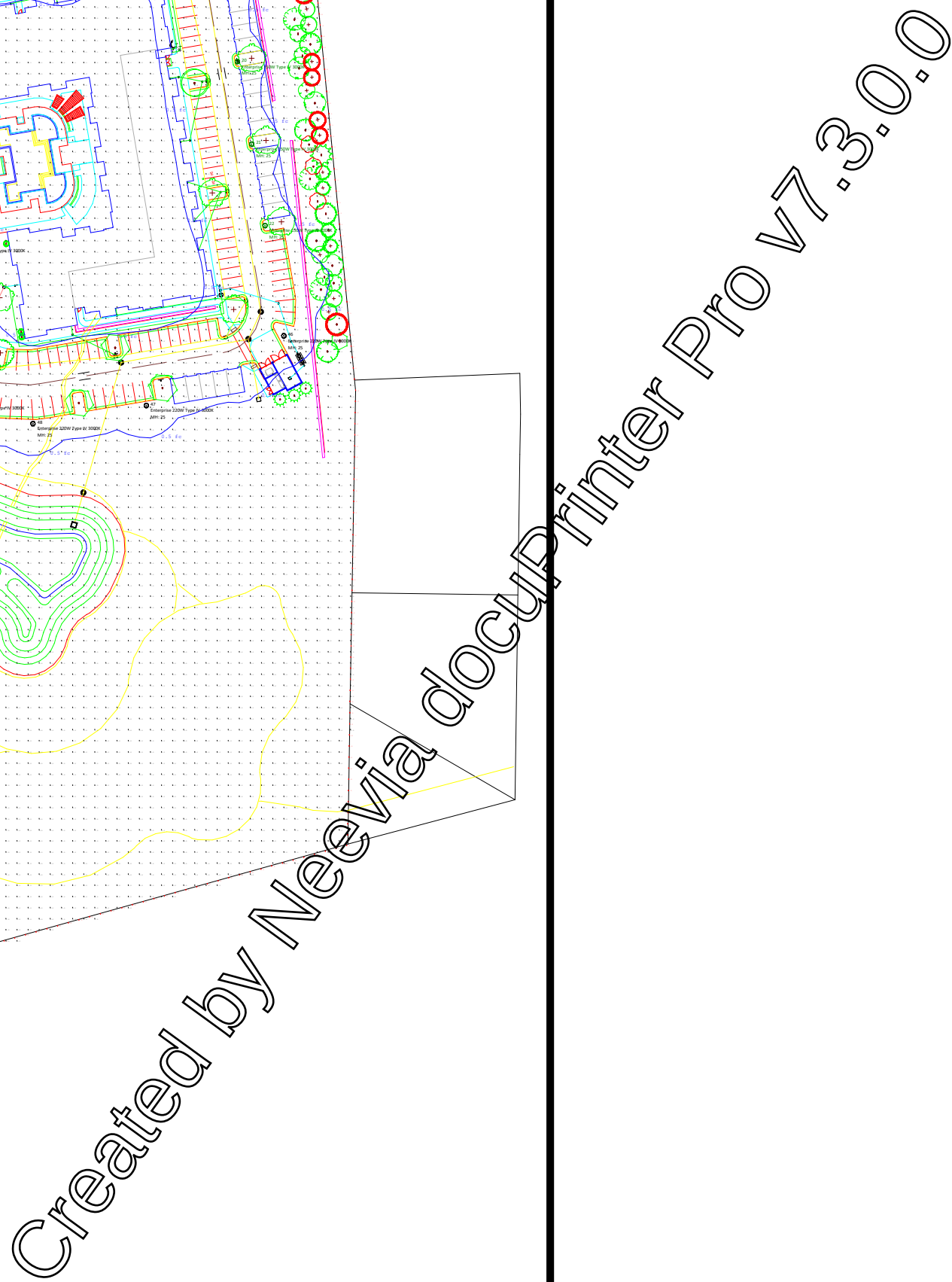




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Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Barbee Chapel Rd	Illuminance	Fc	0.55	1.4	0.0	N.A.	N.A.
Property Line	Illuminance	Fc	0.09	0.3	0.0	N.A.	N.A.
Site	Illuminance	Fc	0.70	4.6	0.0	N.A.	N.A.
Stancell Dr	Illuminance	Fc	0.51	1.2	0.0	N.A.	N.A.
Barbee Chapel Rd	Illuminance	Fc	0.76	1.4	0.3	2.53	4.67
Stancell Drive	Illuminance	Fc	0.66	1.2	0.3	2.20	4.00

Lighting Design Tolerance

Drawn By: Anastasia Massey (Photometric Designer)

Checked By: Joseph Lane (ODL Program Mgr)

Date:12/18/2024

Scale: 1"=120'

Hillmont - 5119 Barbee Chapel Rd

Chapel Hill NC

Page M of 1

Outdoor Lighting

ENTERPRISE LED



ENTERPRISE LED

LED
(Light-emitting diode) 150 / 220 watts

Mounting height 20' – 30'

Color **Black**
Green (Special Conditions)
Bronze (Special Conditions)
Gray (Special Conditions)

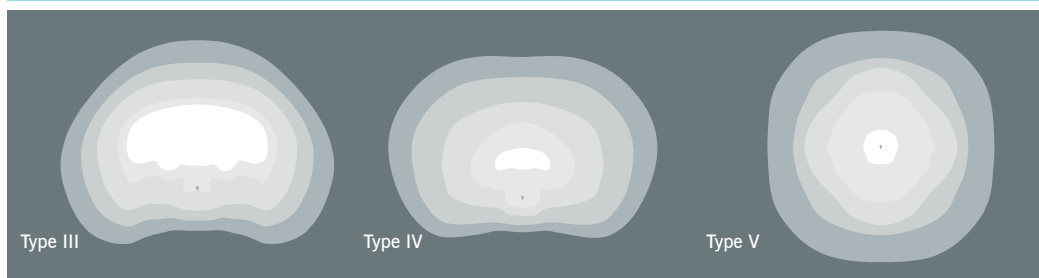
Pole Style A

IESNA cutoff classification: Full-cutoff

Color temperature: **3,000K Primary**
4,000K Available

FIXTURE	WATTS	LUMENS	PATTERN	BUG RATING
Enterprise	150	15,091	III	B2-U0-G3
		15,595	IV	B3-U0-G3
		16,500	V	B4-U0-G2
Enterprise	220	21,502	III	B3-U0-G3
		22,219	IV	B3-U0-G4
		23,507	V	B5-U0-G3

LIGHT DISTRIBUTION PATTERNS



light distribution patterns

POLE AVAILABLE	MOUNTING HEIGHT	FOUNDATION
Style A	20', 25', 30'	Direct Bury, Anchor Base

For additional information, contact
us at ODLCarolinas@duke-energy.com.



BUILDING A SMARTER ENERGY FUTURE®

Outdoor Lighting

PEDESTRIAN ENTERPRISE LED



PEDESTRIAN ENTERPRISE LED

LED
(Light-emitting diode) 50 watts

Mounting height 12' – 17'

Color **Black**
Green

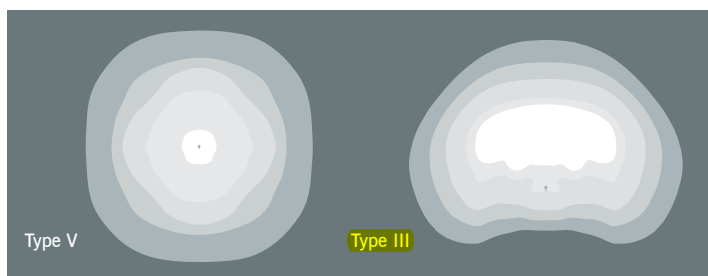
Pole **Style A**
Style B
Style C
Style D
Style E
Style F

IESNA cutoff classification: Full-cutoff

Color temperature: **3,000K Primary**
4,000K Available

FIXTURE	WATTS	LUMENS	PATTERN	BUG RATING
Ped Enterprise	50	4,540	III	B2-U0-G2

LIGHT DISTRIBUTION PATTERNS



light distribution patterns

POLE AVAILABLE	MOUNTING HEIGHT	FOUNDATION
Style A	12', 15', 17'	Direct Bury, Anchor Base
Style B	12', 17'	Anchor Base
Style C	12'	Anchor Base
Style D	12'	Anchor Base
Style E	12'	Anchor Base
Style F	12'	Anchor Base

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BUILDING A SMARTER ENERGY FUTURE®

Outdoor Lighting



LED (Light-emitting diode)	50 watts
Mounting height	20', 25', 35'
Color	Gray Black
Pole	Fiberglass Metal Wood
Applications	Neighborhoods Parks Streets

Light source: LED (*white*)

Wattage: 50 watts, 70 watts

Lumens: 5,232 – 8,170

Light pattern: IESNA Type II, III, V

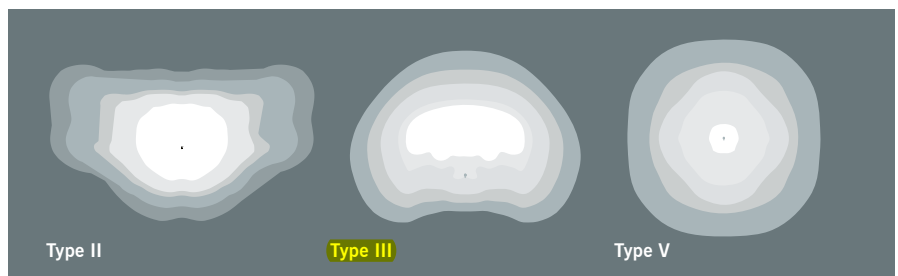
IESNA cutoff classification: Full-cutoff

BUG rating: Type II = B1U0G2 (50w)
B2U0G2 (70w)

Type III = B1U0G1

Type V = B3U0G1 (50w only)

Color temperature: 3,000K



light distribution patterns

POLE AVAILABLE	MOUNTING HEIGHT	COLOR
Fiberglass	25', 30', 35'	Gray, Black (additional cost)
Wood	25', 30', 35'	Standard
Metal (Special conditions)	25', 30', 35'	Galvanized
FEATURES		BENEFITS
Turnkey operation		Provides hassle-free installation and service
Little or no installation cost		Frees up capital for other projects
Design services by lighting professionals included		Meets industry standards and lighting ordinances
Maintenance, electricity & warranty included		Eliminates high and unexpected repair bills
One low monthly cost on your electric bill		Convenience and savings for you

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