

LUMUX

SPOT & FLOOD LIGHTS

FL200-3

The Lumux FL200-3 is an architectural grade high-output LED luminaire for direct and indirect lighting, ideal for placing focus on architectural and landscape elements. FL200-3 is offered as a 19-degree spot light, 40-degree flood light or as a 63-degree very wide flood light, with 6W, 12W or 29W output.

The fixture is constructed with specification grade materials and component parts, while a shielded light source and built-in visor enhances visual comfort. The fixture is mounted via a die-cast aluminum knuckle wheel with a tooth-lock adjustment mechanism for ease of installation and operation.

Housing: Heavy-duty construction of one-piece, corrosion resistant, low-copper aluminum diecast. Enclosed lens secured with vandal resistant, stainless-steel screws.

Lens: 1/8" thick shatter proof clear glass diffuser, anodized aluminum reflector.

Mounting: Unit can be specified with optional ground spike.

Installation: Unit comes with 1/2" NPT and installs on to any standard j-box.

Finish: Zinc polyester powder coat finish in black, white, silver, bronze, or any custom RAL color.

Driver: Constant current and universal input voltage 120-277v, starting temperature rated at -20°F.

Gasket: Closed cell silicon foam gasket that seals out moisture, dust, and insects for weather tight operation.

Protection Class: IP65, ETL Listed for wet locations.

CRI: 70

Warranty: 5 year limited warranty.

Delivered Lumens & Wattage per color temperature:

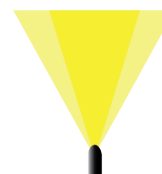
	2700K	3000K	3500K	4000K	WATTS
FL200-3-19	550 lm	550 lm	550 lm	600 lm	6W
	1100 lm	1100 lm	1100 lm	1200 lm	12W
	2750 lm	2750 lm	2750 lm	3000 lm	29W
FL200-3-40	650 lm	650 lm	650 lm	700 lm	6W
	1350 lm	1350 lm	1350 lm	1450 lm	12W
	3300 lm	3300 lm	3300 lm	3600 lm	29W
FL200-3-63	550 lm	550 lm	550 lm	600 lm	6W
	1100 lm	1100 lm	1100 lm	1200 lm	12W
	2750 lm	2750 lm	2750 lm	3000 lm	29W



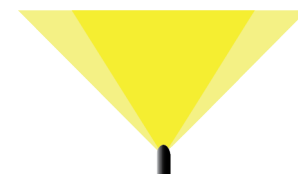
FL200-3 w/ optional ground-spike



SPOT
19° beam angle

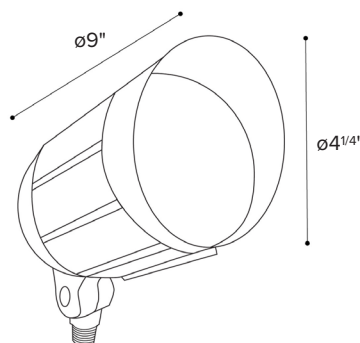


FLOOD
40° beam angle

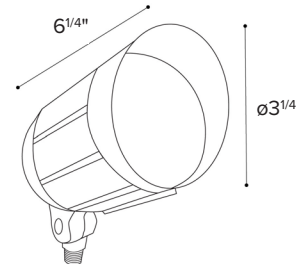


VERY WIDE FLOOD
63° beam angle

Dimensions:



FL200-3 29W



FL200-3 6W & 12W

Content of specification sheet subject to change

LUMUX

SPOT & FLOOD LIGHTS

FL200-3

DATE:	
PROJECT:	
FIRM:	
CATALOG NO.:	
COMMENTS:	

FL200-3 is offered as a 19-degree Spot light, 40-degree Flood light or as a 63-degree Very Wide Flood light, with 6W, 12W or 29W output.

Ordering Guide:

Catalog No.	Beam	Type	Wattage	LED Color	Color Temp ¹	Voltage	Finish	Options ²
FL200-3-19	19°	Spot	6W	White	2700K	120-277v	Black	☐ Ground-spike
FL200-3-40	40°	Flood	12W		3000K		White	
FL200-3-63	63°	Very Wide Flood	29W		3500K		Silver	
					4000K		Bronze	
							Custom RAL ²	

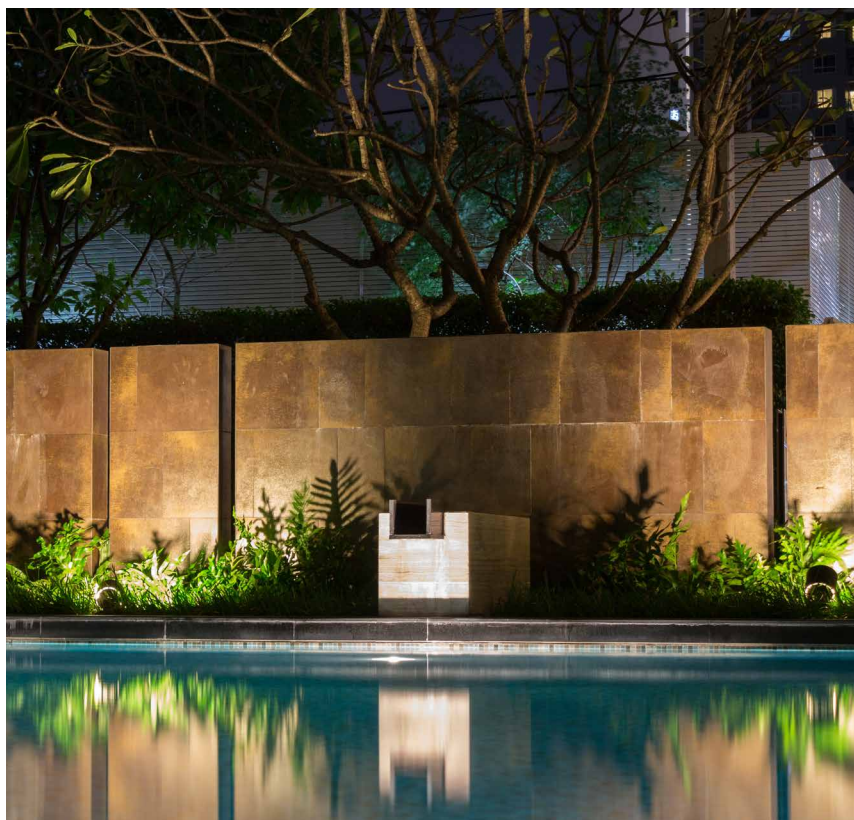
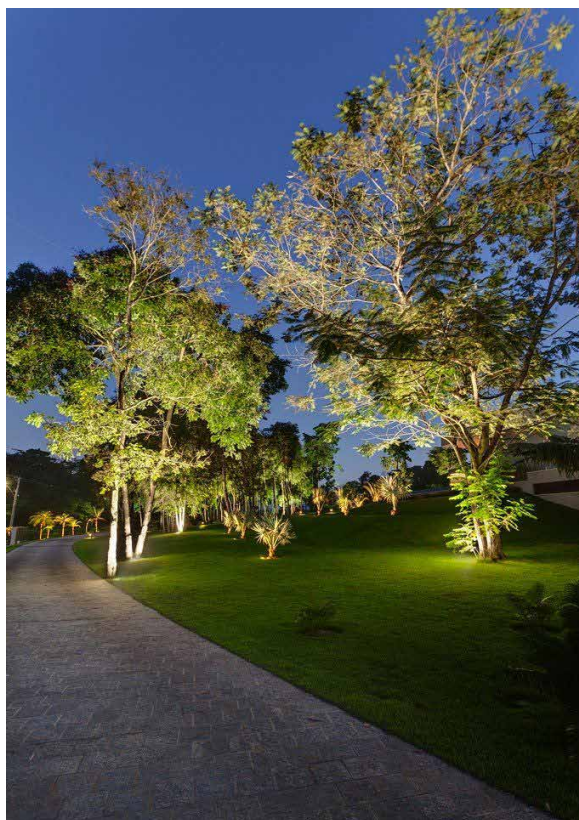
¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

Performance Specifications	
FL200-3-19-29W 4000K Flux 3,000 lm	LER 110 lm/W
FL200-3-40-29W 4000K Flux 3,600 lm	LER 126 lm/W
FL200-3-63-29W 4000K Flux 3,000 lm	LER 107 lm/W
Starting temp. rated to -20°F	120-277v input voltage
Lumen Maintenance*: L70: >54K hrs	Power 29W

Environmental Specifications	
CRI 70	Wattage & color temp. options
IP65	ETL listed for wet-locations
Effective Projected Area 0.3 ft ²	
5-year limited warranty	Made in the USA



*Lumen Maintenance Report (Seoul Semi Acrich MJT – 3030 series):
Report No. : I-150206-04-K-04

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LUMUX LIGHTING
7803 Industry Ave, Pico Rivera, CA 90660
sales@lumux.com | 562-801-5100

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SPOT LIGHT - 19° BEAM FL200-3-19

Photometry	IESNA: LM-63-2002
TEST: 14471214.02	TEST LAB: UL LLC
LUMINAIRE: FL200-3-19	DATE: 2022-08-26
NEMA Type	4 H x 3 V
Max. Candela: 12,977	Max Candela Angle: 0H -1V
Horiz. Beam Angle (50%): 19.3	Vert. Beam Angle (50%): 19.3
Horiz. Beam Angle (10%): 46.1	Vert. Beam Angle (10%): 45.9
Luminaire Lumens 3,097 (4000K)	Field Lumens: 1,933
Beam Lumens: 782	Spill Lumens: 1,164
Luminaire Efficacy Rating (LER)	110 lm/W (4000K)
Total Luminaire Watts	28.25W

Technical aspects may change without notice.

DATE:

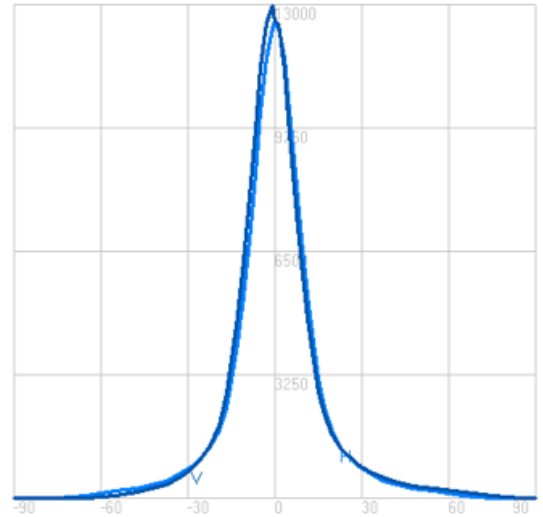
PROJECT:

FIRM:

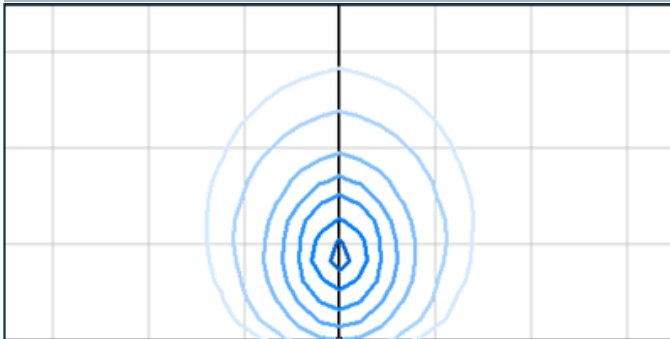
CATALOG NO.:

COMMENTS:

Axial Candela

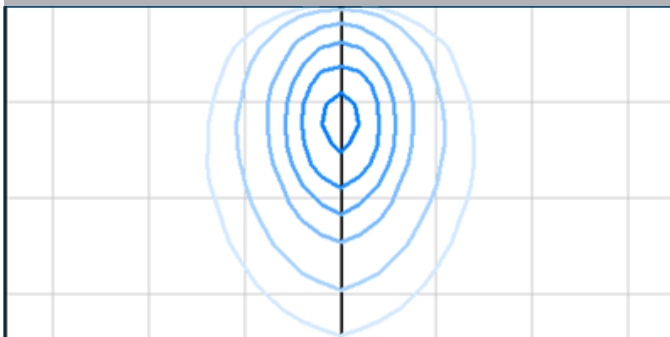


Iso-illuminance: Ground-mount, Wall Flood, 20' distance, 45 Deg.



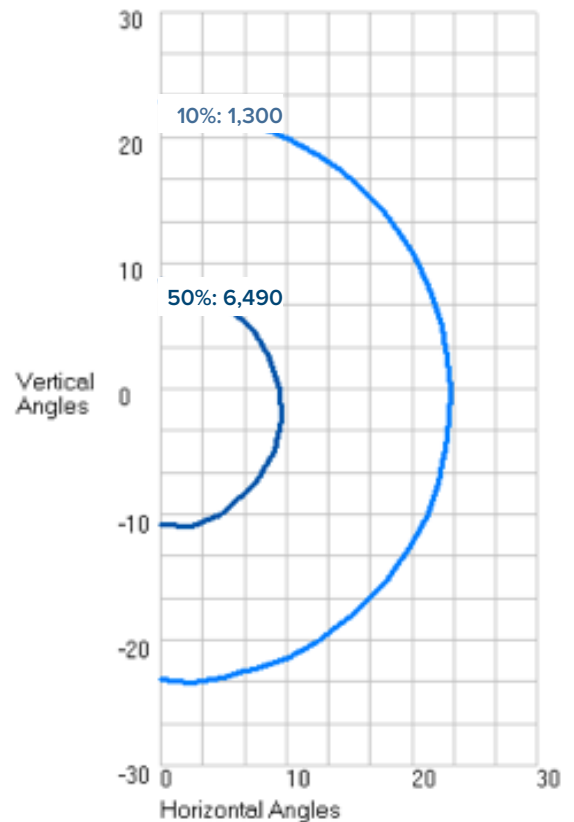
Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10 | Grid spacing 20'

Iso-illuminance: Yard Flood, 20' MH, 35 Deg. from Horizontal



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 20' | Target 40'

Isocandela



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Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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FLOOD LIGHT - 40° BEAM FL200-3-40

Photometry	IESNA: LM-63-2002
TEST: 14552217.01	TEST LAB: UL Solutions
LUMINAIRE: FL200-3-40	DATE: 2022-10-28
NEMA Type	5 H x 5 V
Max. Candela: 5,723	Max Candela Angle: 0H 5V
Horiz. Beam Angle (50%): 40.1	Vert. Beam Angle (50%): 39.8
Horiz. Beam Angle (10%): 83.3	Vert. Beam Angle (10%): 81.8
Luminaire Lumens 3,619 (4000K)	Field Lumens: 3,249
Beam Lumens: 1,536	Spill Lumens: 386
Luminaire Efficacy Rating (LER)	126 lm/W (4000K)
Total Luminaire Watts	28.71W

Technical aspects may change without notice.

DATE:

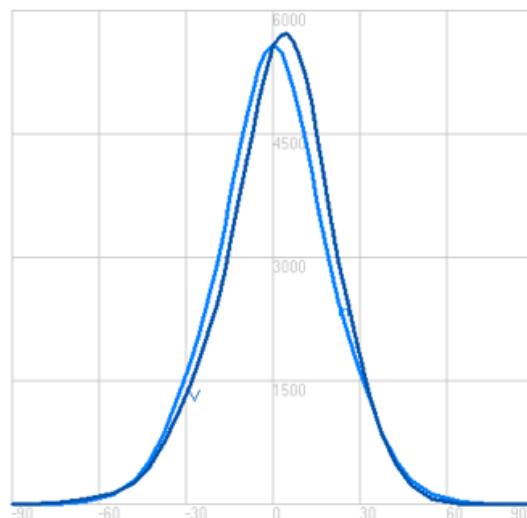
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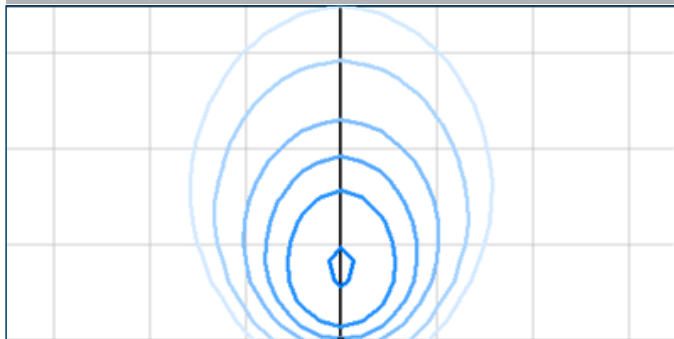
CATALOG NO.:

COMMENTS:

Axial Candela

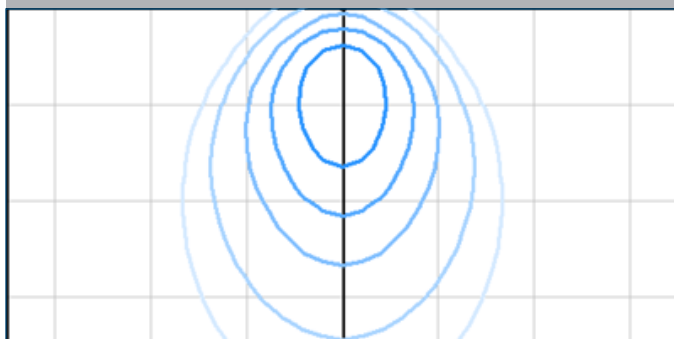


Iso-illuminance: Ground-mount, Wall Flood, 20' distance, 45 Deg.



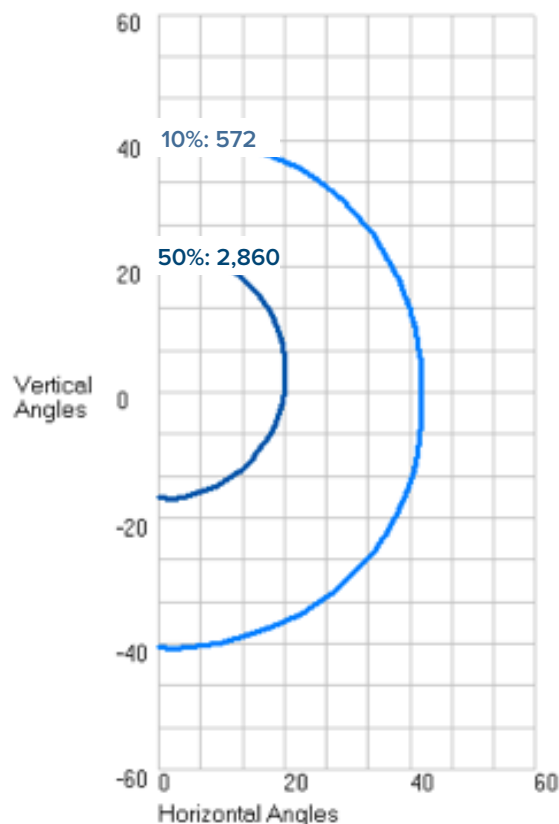
Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 20'

Iso-illuminance: Yard Flood, 20' MH, 35 Deg. from Horizontal



Foot-candles: 0.1, 0.2, 0.5, 1, 2 | Grid spacing 20' | Target 40'

Isocandela



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VERY WIDE FLOOD LIGHT - 63° BEAM FL200-3-63

Photometry	IESNA: LM-63-2002
TEST: 14471214.01	TEST LAB: UL LLC
LUMINAIRE: FL200-3-63	DATE: 2022-08-26
NEMA Type	6 H x 6 V
Max. Candela: 2,570.7	Max Candela Angle: -1H 5V
Horiz. Beam Angle (50%): 63.6	Vert. Beam Angle (50%): 63.2
Horiz. Beam Angle (10%): 106.2	Vert. Beam Angle (10%): 104.8
Luminaire Lumens 3,010 (4000K)	Field Lumens: 2,793
Beam Lumens: 1,795	Spill Lumens: 217
Luminaire Efficacy Rating (LER)	107 lm/W (4000K)
Total Luminaire Watts	28.15W

Technical aspects may change without notice.

DATE:

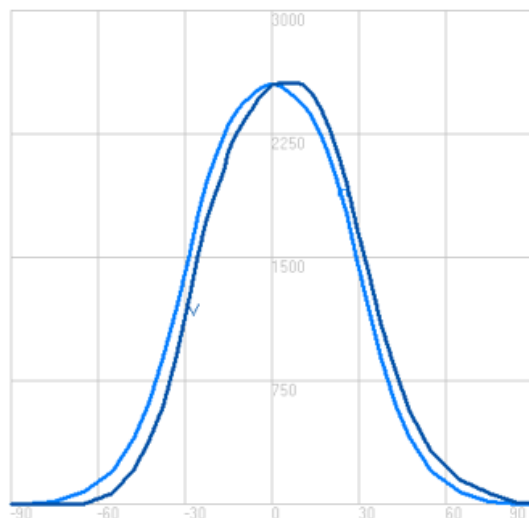
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FIRM:

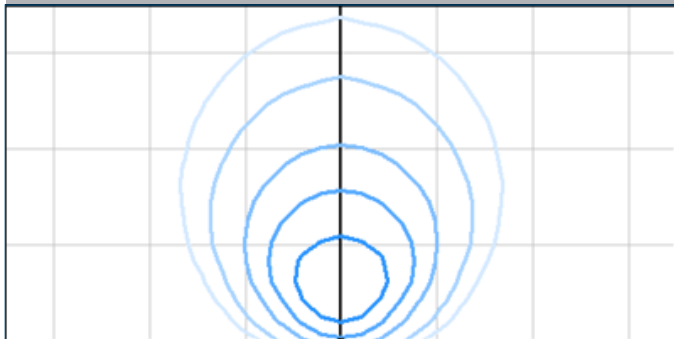
CATALOG NO.:

COMMENTS:

Axial Candela

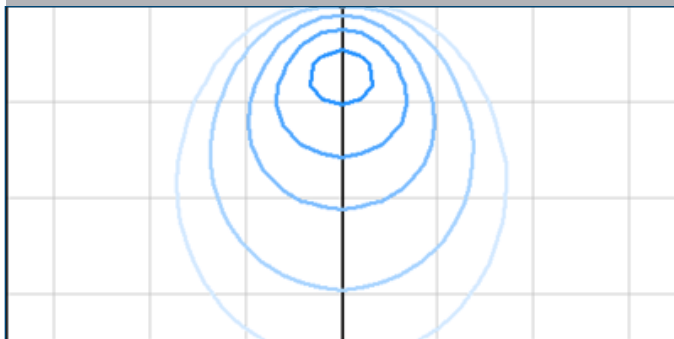


Iso-illuminance: Ground-mount, Wall Flood, 20' distance, 45 Deg.



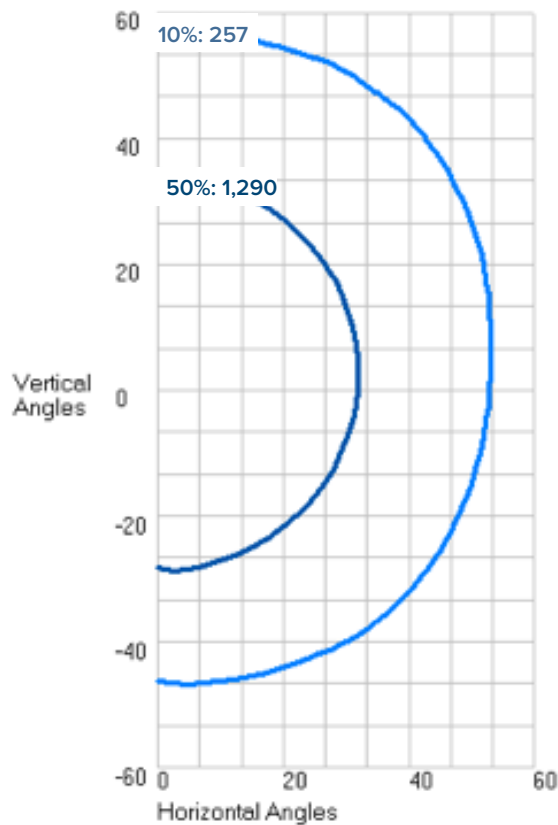
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Iso-illuminance: Yard Flood, 20' MH, 35 Deg. from Horizontal



Foot-candles: 0.1, 0.2, 0.5, 1, 2 | Grid spacing 20' | Target 40'

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