

LUMUX

FLOOD LIGHT

FL200

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



FL200 from Lumux is a compact yet powerful and versatile flood light, excelling at defining outdoor spaces and architectural facades.

FL200 is a powerful LED solution, ideal for illuminating outdoor features and facades. FL200 offers a distinctively contemporary design, constructed from heavy-duty aluminum die-casting, providing durability that meets the highest standards in the most severe outdoor conditions. A 1/2 NPT footing provides versatile mounting options, including fixing to a junction box for inground, wall or ceiling mounting, to a ground spike, or to a tree-ring to bring the light up closer to the tree canopy, offering a broad range of environmental applications. An optional external junction box and strap can also be mounted to a tree or other structure.

up to **3,600** lm up to **29** w up to **126** lm/W

LUMUX LIGHTING

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Content of specification sheet subject to change

LUMUX

FLOOD LIGHT FL200

FL200 is a versatile flood light with beam angle and wattage options, featuring junction box, ground spike, or tree-ring mounting options.

Ordering Guide

Catalog No.	Beam	Type	Wattage	LED Color	Color Temp ¹	Voltage	Finish	Mounting Options ²
FL200-20	20°	Spot	6W	White	2700K	120-277v	Black	<input type="checkbox"/> Ground Spike <input type="checkbox"/> Junction Box & Strap <input type="checkbox"/> Tree-Ring w/ 2 lights <input type="checkbox"/> Tree-Ring w/ 3 lights <input type="checkbox"/> Tree-Ring w/ 4 lights
FL200-40	40°	Flood	12W	Amber-TF	3000K	12v	White	
FL200-60	60°	Very Wide Flood	29W	RGBW	3500K		Silver	
					4000K		Bronze	
							Custom RAL ²	

¹Consult factory for additional options

²Consult factory for additional pricing

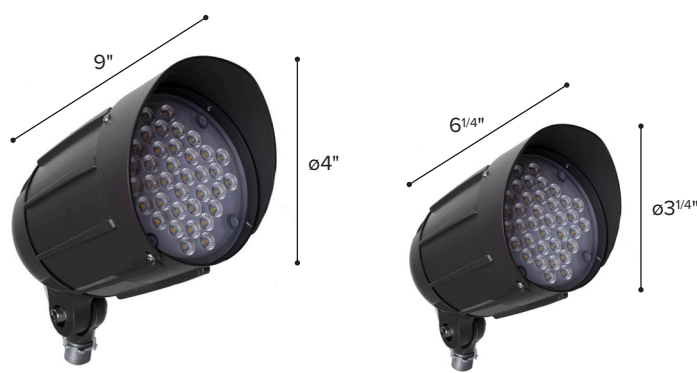
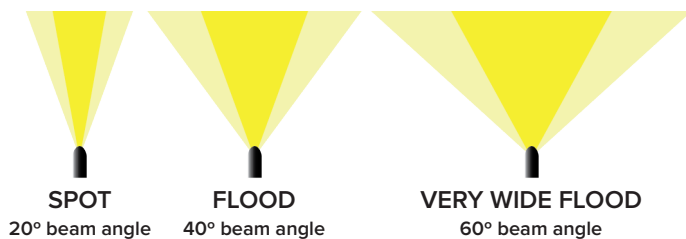
Catalog No.: _____

Performance Specifications	
Flux up to 3,600 lm	LER up to 126 lm/W
Power options 6W, 12W, 29W	120-277v input voltage
Starting temp. rated to -20°F	Ground spike mounting option
Integrated 0-10v dimming	Junction box mounting option
Lumen Maintenance*: L70 >54K hrs	Tree-ring mounting option

Environmental Specifications	
Spot, Flood, Very Wide Flood options	Amber-TF & RGBW options
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area ≤ 0.3 ft2	Marine Grade option
5-year limited warranty	Made in the USA

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
FL200-20	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
FL200-40	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
FL200-60	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 29W

FL200 6W & 12W

Dimensions

*Lumen Maintenance Report:

Seoul Semi Acrich MJT – 3030 series I-150206-04-K-04

Housing & Lens: Heavy-duty construction of corrosion resistant, low-copper die-cast aluminum, securing shatter-proof clear polycarbonate lens with vandal resistant, stainless-steel fasteners.

Gasket: Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation. IP65 - ETL listed for wet-locations.

Mounting: Threaded 1/2 NPT foot mounts to standard junction box with a 1/2 NPT cover, with optional ground-spike or tree-ring for outdoor installation. Optional strap & junction box fixes to tree.

Finish: Zinc polyester powder coat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

Light Engine: Constant Current driver with integrated 0-10v dimming, powering high quality LEDs. Turtle-friendly Amber-TF and RGBW color options offer application versatility.

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LUMUX

INSTALLATION OPTIONS

FL200 FLOOD LIGHTS

Featuring a 1/2 NPT threaded base, offering many mounting options.



Connect with 1/2 NPT footing

Direct mount the FL200 flood light to standard outdoor junction box covers with an 1/2 NPT fitting, including those fixed to inground concrete footings, or to walls, columns, and ceilings.

JUNCTION BOX MOUNTING



Push spike anywhere into ground

The optional Lumux ground spike allows ad hoc placement of the FL200 anywhere in the garden to focus light on bushes, trees, and architectural features. Especially handy for 12v applications.

GROUND SPIKE MOUNTING



Fix up to 4 lights to tree or post with the Tree-Ring

The optional Lumux ø24" tree-ring bracket offers unique placement applications for up to four FL200s. These flood lights can be placed higher up in a tree to better illuminate the canopy without requiring higher wattages. The tree-ring comes disassembled in two sections to allow installers to easily fit around a trunk, branch, or post. Four threaded rods with 8" travel allow the tree-ring to be precisely placed and securely fixed regardless of the shape.



Junction box & fixture easy to fix in place with Strap

The optional Lumux luminaire strap allows the installer to fix an outdoor-rated junction box to a tree or post. The junction box can be used to fasten a FL200 flood light for direct lighting installed ad hoc, or to be used to provide power to a collection of FL200s fixed to a tree-ring. The lumux luminaire strap is made from durable nylon, measures 10' in length, and can be trimmed in the field to desired length.

TREE OR POST MOUNTING WITH TREE-RING BRACKET OR JUNCTION BOX & STRAP

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LUMUX

FLOOD LIGHT

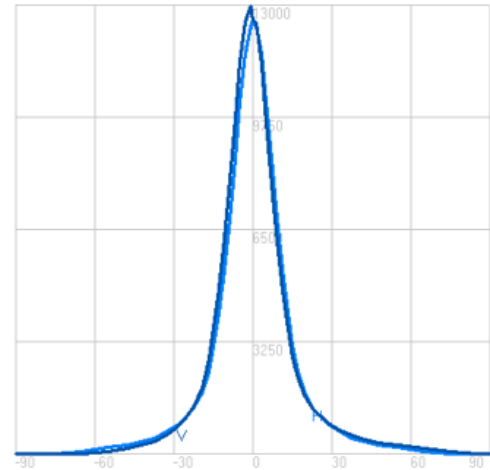
FL200 20° BEAM 29W



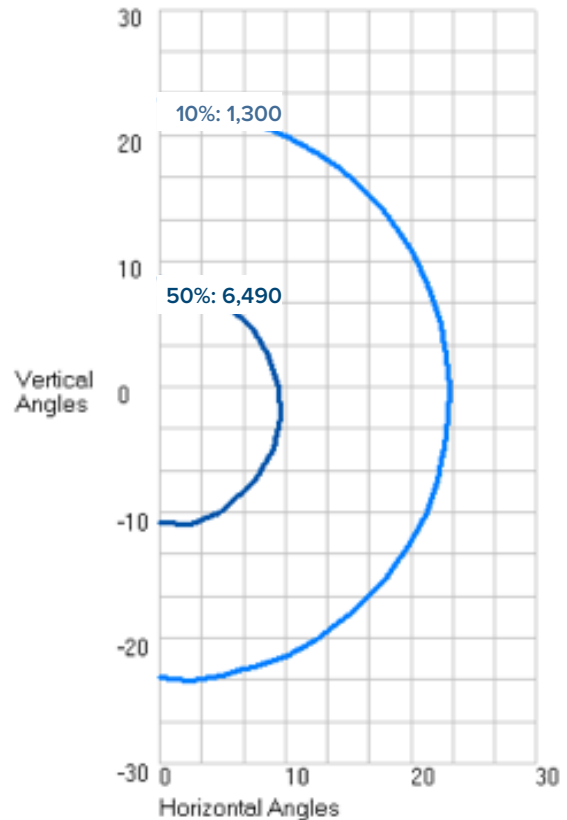
Photometry	IESNA: LM-63-2002
TEST: 14471214.02	TEST LAB: UL LLC
LUMINAIRE: FL200-20	DATE: 2022-08-26
NEMA Type	4 H x 3 V
Max. Candela: 12,977	Max Candela Angle: 0H -1V
Horiz. Beam Angle (50%): 19.3	Vert. Beam Angle (50%): 19.3
Horiz. Beam Angle (10%): 46.1	Vert. Beam Angle (10%): 45.9
Luminaire Lumens 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.

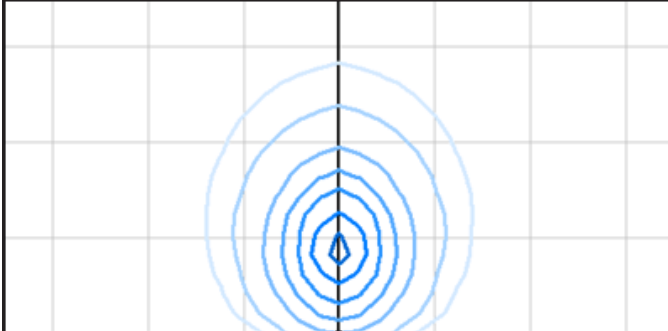
Axial Candela



Isocandela

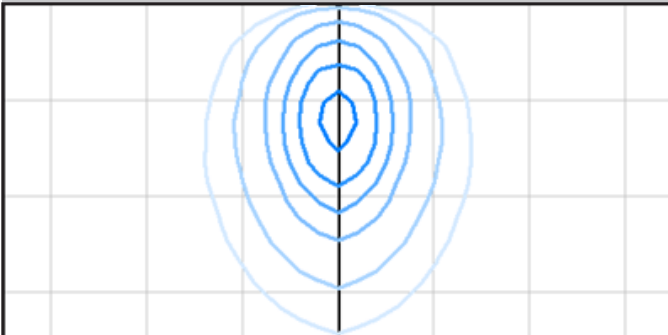


Iso-illumination: Ground-mount, Wall Flood, 20' distance, 45 Deg.



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

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



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

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

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LUMUX

FLOOD LIGHT

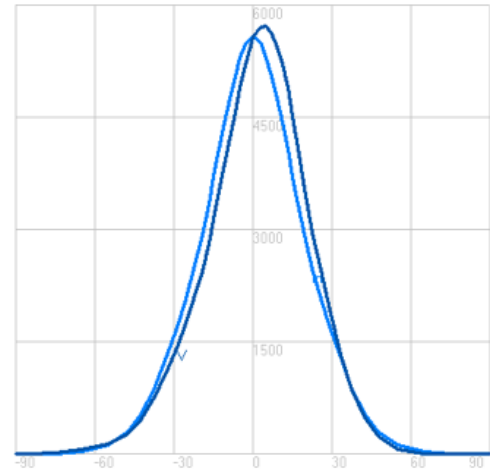
FL200 40° BEAM 29W



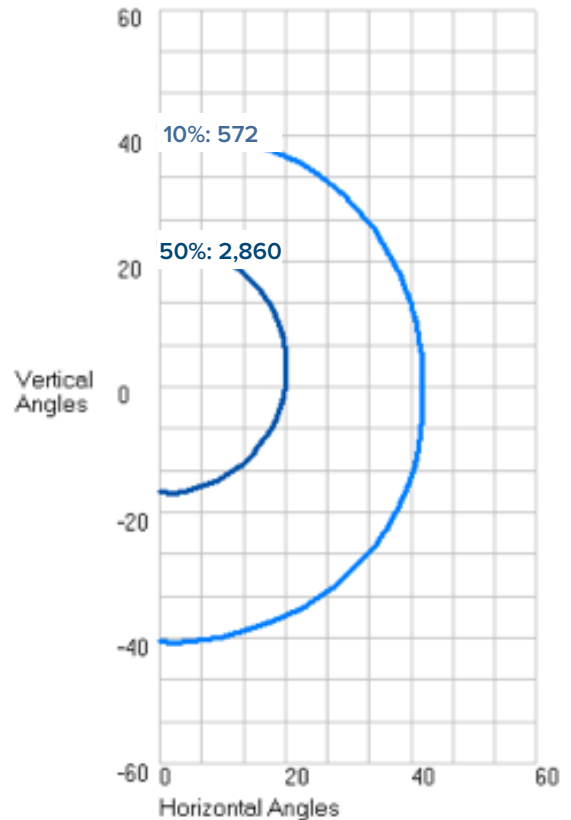
Photometry	IESNA: LM-63-2002
TEST: 14552217.01	TEST LAB: UL Solutions
LUMINAIRE: FL200-40	DATE: 2022-10-28
NEMA Type	5 H x 5 V
Max. Candela: 5,723	Max Candela Angle: 0H 5V
Horiz. Beam Angle (50%): 40.1	Vert. Beam Angle (50%): 39.8
Horiz. Beam Angle (10%): 83.3	Vert. Beam Angle (10%): 81.8
Luminaire Lumens 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.

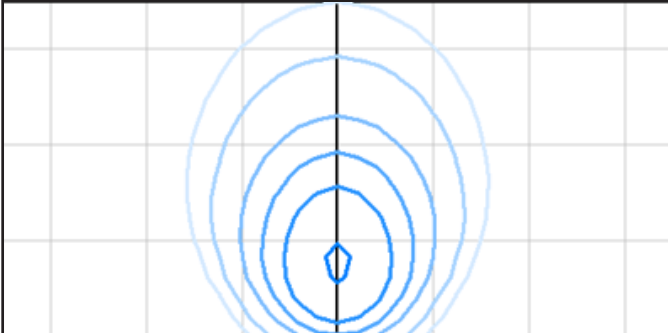
Axial Candela



Isocandela

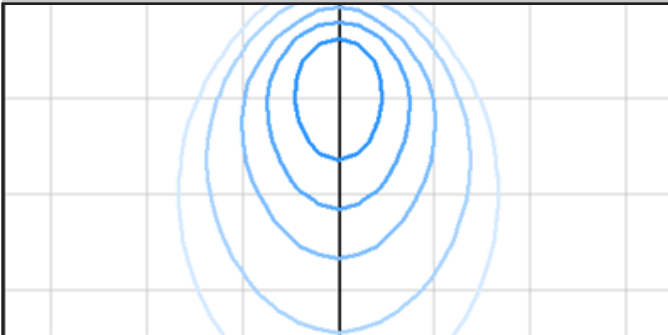


Iso-illuminance: Ground-mount, Wall Flood, 20' distance, 45 Deg.



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'

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

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LUMUX

FLOOD LIGHT

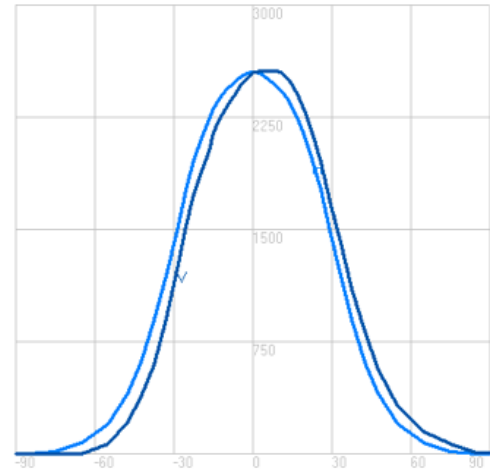
FL200 60° BEAM 29W



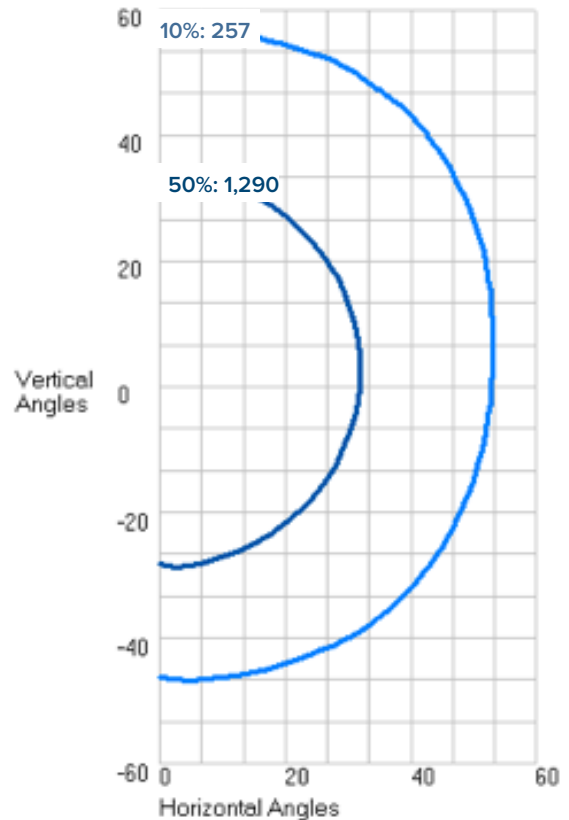
Photometry	IESNA: LM-63-2002
TEST: 14471214.01	TEST LAB: UL LLC
LUMINAIRE: FL200-60	DATE: 2022-08-26
NEMA Type	6 H x 6 V
Max. Candela: 2,570.7	Max Candela Angle: -1H 5V
Horiz. Beam Angle (50%): 63.6	Vert. Beam Angle (50%): 63.2
Horiz. Beam Angle (10%): 106.2	Vert. Beam Angle (10%): 104.8
Luminaire Lumens 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.

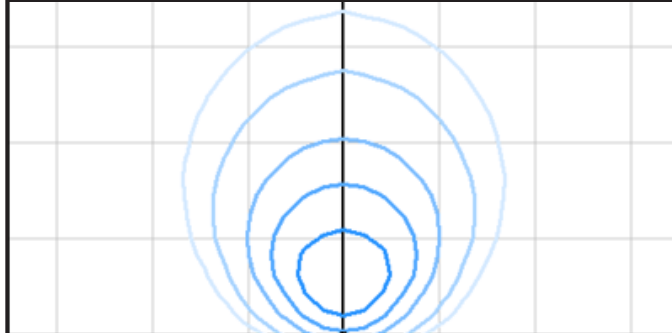
Axial Candela



Isocandela

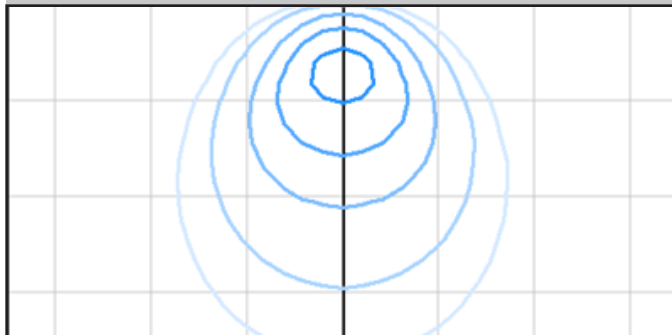


Iso-illumination: Ground-mount, Wall Flood, 20' distance, 45 Deg.



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

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



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

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

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LUMUX

LUMINAIRES IN THE COLLECTION FLOOD LIGHTS & SIGN LIGHTS

Lumux flood & sign lights deliver high flux output, high efficacy light, with a spectrum of wattage options.

Lumux spot lights offer a broad array of beam angles and mounting options, including ground, post, and beam. Linear sign lights are available in a variety of lengths. Ingrades feature field adjustable beam focal angles and walk-over durability and, like recessed floods, include an CPX pour-box.



FL500-4
15W



FL500-7
39W



FL500-9
72W



LLF800-2
Recessed flood



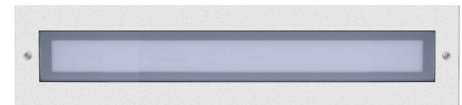
FL200
6W & 12W



FL200
29W



FL100
6,000 lumens



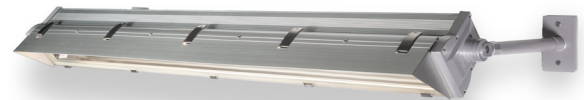
LF600SS
Ingrade uplight flood or recessed wall light



IG100 Series
Spec Ingrade uplight floods or recessed wall lights
ø6, ø7, ø9



IG200 Series
Value Ingrade uplight floods or recessed wall lights,
ø4, ø6, ø8



LF400
Linear flood wall wash, 2', 3', 4', 8'



LF500
Continuous linear flood, 2', 3', 4', 8'