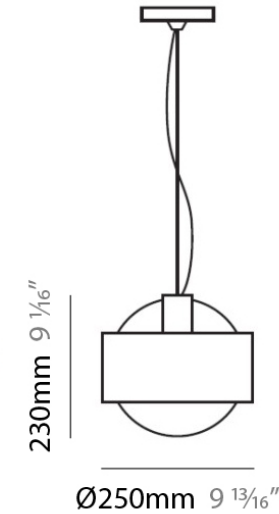


GENERAL	
Series: Ring	
Brand: Panzeri	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Sphere	
Diameter (mm): 250	
Diameter (in): 9 7⁄8	
Height (mm): 230	
Height (in): 9	
Max. Overall Height (mm): 2230	
Max. Overall Height (in): 87 13⁄16	
Light Distribution: Omnidirectional	
Weight (kg): 0.5	
Weight (lbs): 1	
Diffuser: Orange Blown Glass	
Fixture Finish: Chrome	
Fixture Material: Metal	
ELECTRICAL	
Number of Lamps: 1	
Lamp Type: LED Retrofit	
Lamp Shape: G25	
Bulb Included: Bulb Not Included	
Total Output Wattage (W): 9	
Max. Wattage Per Lamp (W): 9	
Lamp Base: E26	
Input Voltage (V): 120	
Upon Request: 277Vac / GU24	
LED	
OPTICAL	
RATINGS AND CERTIFICATIONS	
Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP20	

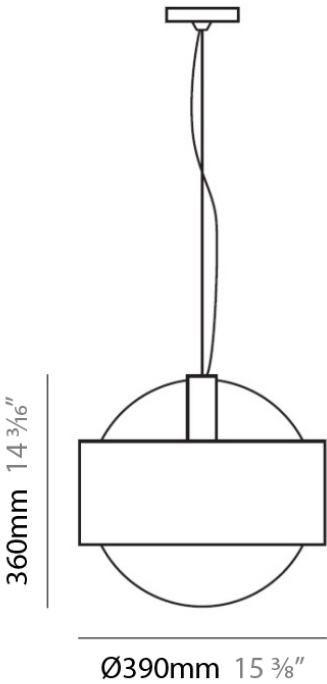
PROJECT
TYPE
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D81090

GENERAL	
Series: Ring	
Brand: Panzeri	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Sphere	
Diameter (mm): 390	
Diameter (in): 15 ¼	
Height (mm): 360	
Height (in): 14 ¾	
Max. Overall Height (mm): 2360	
Max. Overall Height (in): 92 15/16	
Light Distribution: Omnidirectional	
Weight (kg): 0.5	
Weight (lbs): 1	
Diffuser: White Blown Glass	
Fixture Finish: Chrome	
Fixture Material: Metal	
ELECTRICAL	
Number of Lamps: 1	
Lamp Type: LED Retrofit	
Lamp Shape: G30	
Bulb Included: Bulb Not Included	
Total Output Wattage (W): 12	
Max. Wattage Per Lamp (W): 12	
Lamp Base: E26	
Input Voltage (V): 120	
Upon Request: 277Vac / GU24	
LED	
OPTICAL	
RATINGS AND CERTIFICATIONS	
Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP20	

PROJECT	
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RING SUSPENSION

D81164

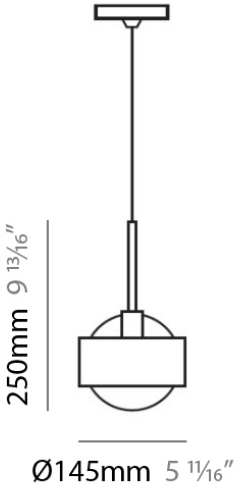
**GENERAL**  
Series: Ring  
Brand: Panzeri  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Pendant

**PHYSICAL**  
Shape: Sphere  
Diameter (mm): 145  
Diameter (in): 5 ¾  
Height (mm): 250  
Height (in): 9 ⅞  
Max. Overall Height (mm): 2250  
Max. Overall Height (in): 88 ⅞  
Light Distribution: Omnidirectional  
Weight (kg): 2.3  
Weight (lbs): 5  
Diffuser: White Glass  
Fixture Finish: Chrome  
Fixture Material: Metal

**ELECTRICAL**  
Number of Lamps: 1  
Lamp Type: LED Retrofit  
Lamp Shape: T4  
Bulb Included: Bulb Not Included  
Total Output Wattage (W): 3  
Max. Wattage Per Lamp (W): 3  
Lamp Base: G9  
Input Voltage (V): 120

**LED**  
**OPTICAL**  
**RATINGS AND CERTIFICATIONS**  
Certified By: CSA Certified to UL and CSA Standards  
IP rating: IP20

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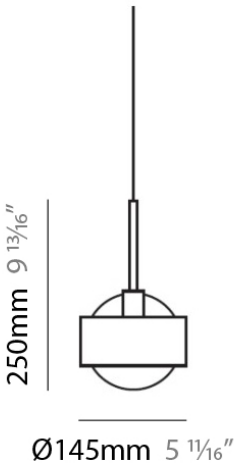
**GENERAL**  
Series: Ring  
Brand: Panzeri  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Pendant

**PHYSICAL**  
Shape: Sphere  
Diameter (mm): 145  
Diameter (in): 5 ¾  
Height (mm): 250  
Height (in): 9 ⅞  
Max. Overall Height (mm): 2250  
Max. Overall Height (in): 88 ⅞  
Light Distribution: Omnidirectional  
Weight (kg): 2.3  
Weight (lbs): 5  
Diffuser: White Glass  
Fixture Finish: Chrome  
Fixture Material: Metal

**ELECTRICAL**  
Number of Lamps: 1  
Lamp Type: LED Retrofit  
Lamp Shape: T4  
Bulb Included: Bulb Not Included  
Total Output Wattage (W): 3  
Max. Wattage Per Lamp (W): 3  
Lamp Base: G9  
Input Voltage (V): 120

**LED**  
**OPTICAL**  
**RATINGS AND CERTIFICATIONS**  
Certified By: CSA Certified to UL and CSA Standards  
IP rating: IP20

PROJECT
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RING SUSPENSION

D81176

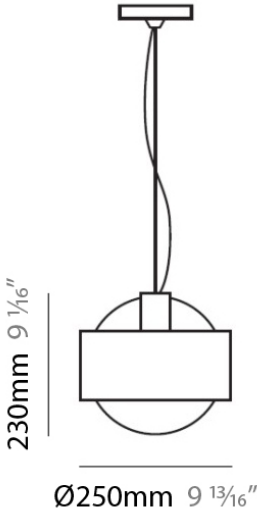
**GENERAL**  
Series: Ring  
Brand: Panzeri  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Pendant

**PHYSICAL**  
Shape: Sphere  
Diameter (mm): 250  
Diameter (in): 9 7/8  
Height (mm): 230  
Height (in): 9  
Light Distribution: Direct / Indirect  
Weight (kg): 2.3  
Weight (lbs): 5  
Fixture Finish: Chrome  
Fixture Material: Metal






































































**ELECTRICAL**  
Number of Lamps: 1  
Lamp Type: LED Retrofit  
Lamp Shape: G25  
Bulb Included: Bulb Not Included  
Total Output Wattage (W): 9  
Max. Wattage Per Lamp (W): 9  
Lamp Base: E26  
Input Voltage (V): 120  
Upon Request: 277Vac / GU24

**LED**  
**OPTICAL**  
**RATINGS AND CERTIFICATIONS**  
Certified By: CSA Certified to UL and CSA Standards  
IP rating: IP20

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## LEGEND

	floor-mounted		pivotal		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/control gear		color of 3-circuit adaptor		protection class II, protection insulation
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

## IP RATING

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

## IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)