Project
Type
Contact

Geometry Suspended Adjustable

Overview

Illusion of being, entity of light. A design born from the mind of designers Florent Coirier and Stig Myler, Geometry is a voluminous suspended luminaire that brings generous, uniform lighting to a space. This love marriage between aesthetics and engineering is a custom-made, slim circular LED light panel that pivots inside a round, square or rectangle frame.
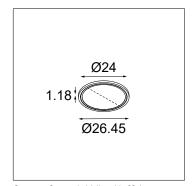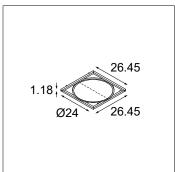
QUICK LINKS
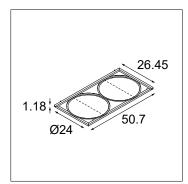
Luminaire Specifications

- Frame material: aluminum
- Frame finish: powder coat
- LED panel: 1 integrated (1x versions) or 2 integrated (2x versions)
- LED panel adjustability: 360°
- LED panel type: edge lit (3-layered solution for uniform light spread)
- LED panels can be provided with a reflective backing to reflect the frame and its surroundings
- Driver: not included in the frame
- Must be combined with Suspension Kit and Power Feed (specify on page 3)
- Must be combined with Remote Driver (specify on page 4)

Ø24
1.18
Ø26.45

Geometry Suspended Adjustable 26 1x
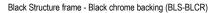(LED panel rotation axis is shown by dotted line)

26.45
1.18
Ø24   26.45

Geometry Suspended Adjustable 26x26 1x
(LED panel rotation axis is shown by dotted line)

26.45
1.18
Ø24   50.7

Geometry Suspended Adjustable 26x51 2x
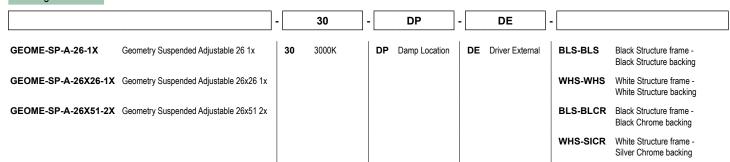(LED panel rotation axes are shown by dotted lines)

Finish Information

Black Structure (BLS)
Powder Coat (Matte)

Black Chrome (BLCR)
PMMA (Reflective)

White Structure (WHS)
Powder Coat (Matte)

Silver Chrome (SICR)
PMMA (Reflective)

Black Structure frame - Black chrome backing (BLS-BLCR)

White Structure frame - Silver chrome backing (WHS-SICR)

Ordering Information

	-	30	-	DP	-	DE	-	
GEOME-SP-A-26-1X Geometry Suspended Adjustable 26 1x		**30** 3000K		**DP** Damp Location		**DE** Driver External		**BLS-BLS** Black Structure frame - Black Structure backing
GEOME-SP-A-26X26-1X Geometry Suspended Adjustable 26x26 1x								**WHS-WHS** White Structure frame - White Structure backing
GEOME-SP-A-26X51-2X Geometry Suspended Adjustable 26x51 2x								**BLS-BLCR** Black Structure frame - Black Chrome backing
								WHS-SICR White Structure frame - Silver Chrome backing

quick links

Accessories Specifications

Suspension Kit

- Required, to suspend the luminaire frame from the ceiling
- Can be combined with Suspension Hinge for sloped ceilings
- Aircraft cable diameter: 0.05"
- Aircraft cable color: black
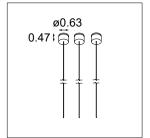- Aircraft cable length: 157" or 315" (can be field adjusted)

Power Feed Cable

- Required, to supply power to the luminaire frame
- Cable diameter: 0.23" (can be field adjusted)
- Cable color: black
- Cable conductors: 2x18AWG
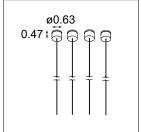- Cable length: 78" or 236" (can be field adjusted)
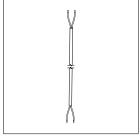
Suspension Hinge

- Optional, to combine with Suspension Kit for sloped ceilings
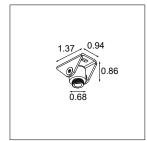- Contains 1 hinge

Mechanical Connection

- Optional, stainless steel clip to mechanically connect 2 luminaire frames to each other
- Allows for a uniform 0.2" gap between the luminaire frames

Suspension Kit 26	Suspension Kit 26x26/26x51	Power Feed Cable	Suspension Hinge	Mechanical Connection (installed)

Ordering Information

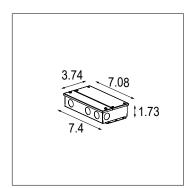| Ordering Code	Version	Finish
GEOME-KIT-SS-A-26-157-BLS	Suspension Kit 26, Length: 157" [1]	Black Structure
GEOME-KIT-SS-A-26-157-WHS	Suspension Kit 26, Length: 157" [1]	White Structure
GEOME-KIT-SS-A-26-315-BLS	Suspension Kit 26, Length: 315" [1]	Black Structure
GEOME-KIT-SS-A-26-315-WHS	Suspension Kit 26, Length: 315" [1]	White Structure
GEOME-SS-KIT-A-26x26-26x51-157-BLS	Suspension Kit 26x26/26x51, Length: 157" [1]	Black Structure
GEOME-SS-KIT-A-26x26-26x51-157-WHS	Suspension Kit 26x26/26x51, Length: 157" [1]	White Structure
GEOME-SS-KIT-A-26x26-26x51-315-BLS	Suspension Kit 26x26/26x51, Length: 315" [1]	Black Structure
GEOME-SS-KIT-A-26x26-26x51-315-WHS	Suspension Kit 26x26/26x51, Length: 315" [1]	White Structure
PF-78-BL	Power Feed Cable, Length: 78"	n/a
PF-236-BL	Power Feed Cable, Length: 236"	n/a
PISTA-T48V-HINGE-SS-DY-BLS	Suspension Hinge	Black Structure
PISTA-T48V-HINGE-SS-DY-WHS	Suspension Hinge	White Structure
GEOME-CONNMECH	Mechanical Connection	n/a

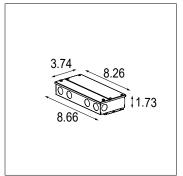[1] Suspension Kit size must match Luminaire size (page 2)
[2] Order 3 pcs for Suspension Kit 26 / order 4 pcs for Suspension Kit 26x26/26x51

quick links

Power Supply Specifications - Remote Drivers

- Class 2 constant voltage power supply
- Tri-Mode Dimming: 0-10V, ELV & Triac 100-1%
- 4 mounting holes for surface mounting
- 7 knockout holes for conduit or cable connection
- May be placed up to 50ft away using 16AWG wire
- Maximum load: 90% of rated power
- Power factor: > 0.9
- Suitable for wet locations
- Weight: 2.4lbs (60W version), 3lbs (96W version)

Remote Driver "A"

Remote Driver "B"

Electrical Specifications & Ordering Information

Ordering Code	Version	Input	Output	Dim [3]
RD-DP-010P-24V-60	Remote Driver "A"	120-277VAC - 50/60Hz	24VDC - 60W	0-10V, ELV & Triac - 1%
RD-DP-010P-24V-96	Remote Driver "B"	120-277VAC - 50/60Hz	24VDC - 96W	0-10V, ELV & Triac - 1%

[3] Consult the factory for dimmer compatibility

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Canopy Specifications

Suspension Canopy

- Suspension Canopy is optional
- Must be combined with Backplate or Plaster Plate for installation with a 4"x4" octagonal junction box (ordered separately)
- Must be combined with Connection Box for installation without junction box (ordered separately)
- Material: stainless steel
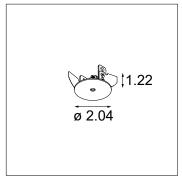- Finish: powder coat

Backplate

- For Suspension Canopy installation with a 4"x4" octagonal junction box
- Backplate covers the junction box
- Material: stainless steel
- Finish: powder coat
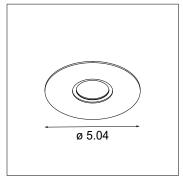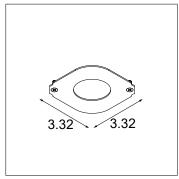- Thickness: 0.08"
- Weight: 0.7lbs

Plaster Plate

- For Suspension Canopy installation with a 4"x4" octagonal junction box
- Plaster finish
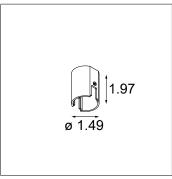- Material: stainless steel
- Thickness: 0.06"
- Weight: 0.2lbs

Connection Box

- For Suspension Canopy installation without junction box
- Ceiling cutout: Ø1 3/4"
- Connection Box material: aluminum
- Weight: 0.12lbs

Suspension Canopy

Backplate

Plaster Plate

Connection Box

Ordering Information

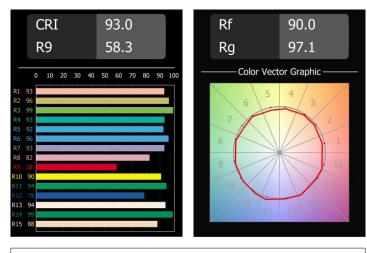| Ordering Code	Version	Finish
GEOME-SS-CANOPY-BLS	Suspension Canopy	Black Structure
GEOME-SS-CANOPY-WHS	Suspension Canopy	White Structure
BP-C-44-GEOMETRY-BLS	Backplate	Black Structure
BP-C-44-GEOMETRY-WHS	Backplate	White Structure
PP-44-SMART-TSS-1.9-MINUD-SS-GEOME-SS	Plaster Plate	n/a
CB-GEOMETRY	Connection Box	n/a

quick links

Performance Specifications (per luminaire)

	Fixed CCT
Weight (26 1x version)	19.8lbs
Weight (26x26 1x version)	20.2lbs
Weight (26x51 2x version)	31.5lbs
Adjustability	360°
Location	damp
CRI*	93, R9: 58
Lifetime	L80 B10 @ 50.000 hrs
UGR	see website
Beam Angle	112°

Electrical (typical)	1x	2x
Drive (V DC)	24	24
LED Power (W)**	21	42

* CRI & TM-30 Value for 3000K
** Power figuers exclude remote driver

CRI	93.0
R9	58.3

	0 10 20 30 40 50 60 70 80 90 100
R1	93
R2	96
R3	99
R4	93
R5	92
R6	96
R7	93
R8	82
R9	58
R10	90
R11	94
R12	78
R13	94
R14	99
R15	88

Rf	90.0
Rg	97.1

Color Vector Graphic

For photometric files see website or contact factory.

Output Specifications (per LED panel)

Reference Delivered Lumens	CCT	Finish
2317 (ref. 3000K, 24V, WHS)	3000K (1.00)	BLS (0.87) WHS (1.00)

Multipliers are indicated between brackets: ( )
Example calculation, to determine typical output for 3000K, Black Structure: 2317 x (1.00) x (0.87) = 2015 lumens

Listings and Certifications

- Listed: cULus
- Damp locations

Warranty

- Visit https://www.supermodular.com/en-us/warranty/