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SPARKS MODULAR SYSTEM
SPECIFICATION SHEET

DESIGN

Inspired by a sparkling fire, SPARKS is a modular system made of cylinder frosted LED heads that are available in two or three head arms. Assembling is easy due to the pre-wired modules that can be plugged together. System is available in polished aluminum and white finish

340mm 13 ⅜"
225mm 8 ⅞"

330mm 13"
270mm 10 ⅝"
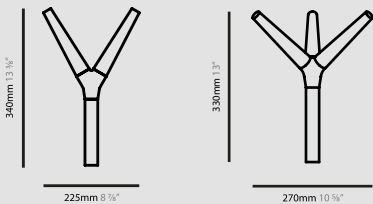
Sparks modules can be rotated freely in 360 degrees, making the whole system easily adaptable. There are many preconfigured standard models to choose from

UPON REQUEST
☎ **Additional Options**
Color Temperature
Fixture Finish

QUASAR

BUILDING GUIDE

Check boxes to complete specification order and submit to quotes@zaneen.com to receive a formal BOM and finalized model number
For specification purposes, build a unique model number with bold text [30K - DIR - OP - ...]

Quick Ship (QS) - Not Available
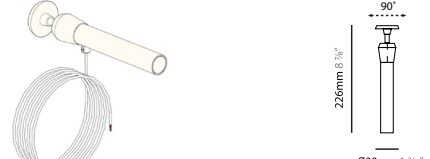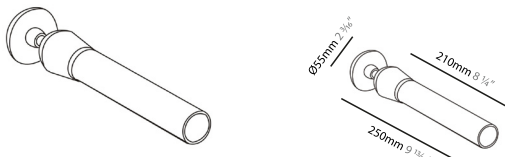
Build Code **D10SP-MOD-SYS-**

	Product	Color Temperature	Distribution	Cable	System
MODULAR - SYSTEM	**D10SP-MOD-SYS** Suspension	**27K** 2700K	**OMNI** Omnidirectional	**4M** 4000mm **XM** Custom (Upon Request)	**PAT** Pattern/Design Ambition (Consult Factory with Drawings) qty

	Electrical	Input Voltage	Emergency	Finish	

MODULAR - SYSTEM	**DN**
	Non-Dimming
	
	DV
	0-10 Dimming
	
	DD
	Dali Dimming
	(Upon Request)
		UNV
		Universal
		120V / 277V
			EMCIR
			Emergency
			Circuit
				Modulars
				  WHI - White
				  PAL - Polished Aluminum
					refer to color chart
					refer to inserts to build code
					RAL color # (upon request)

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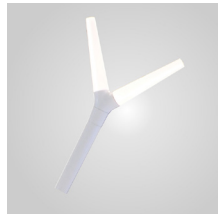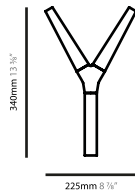
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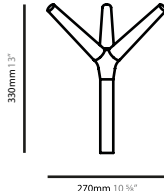
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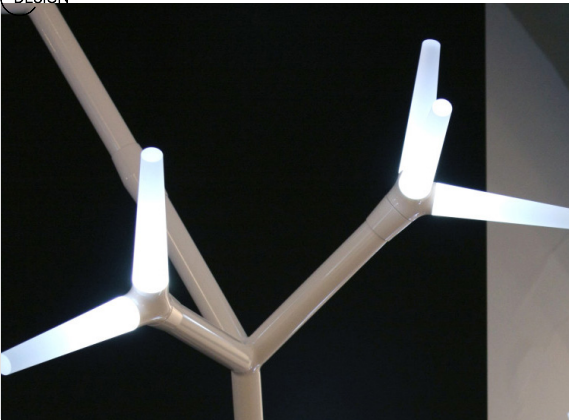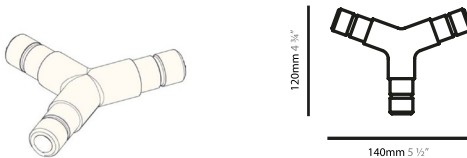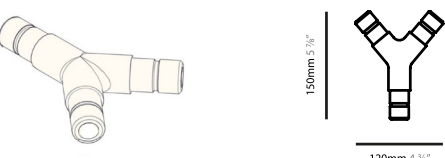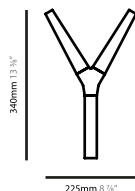
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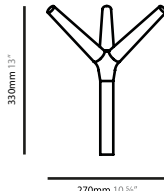
QUANTITY

DATE

Build Code D1090_ _ -   qty

T-CONNECTOR

	Dimension mm		Build Code Addition	Finish	
	120 x 140		90 **1 2**	**WHI** White	
			90 **3 2**	**PAL** Polished Aluminum	

120mm 4 ¾"
140mm 5 ½"

Build Code D1090_ _ -   qty

Y-CONNECTOR

	Dimension mm		Build Code Addition	Finish	
	150 x 120		90 **1 3**	**WHI** White	
			90 **3 3**	**PAL** Polished Aluminum	

150mm 5 ⅞"
120mm 4 ¾"

Build Code D1090_ _ -   qty

X-CONNECTOR

	Dimension mm		Build Code Addition	Finish	
	120 x 135		90 **1 4**	**WHI** White	
			90 **3 4**	**PAL** Polished Aluminum	

120mm 4 ¾"
135mm 5 ⁵⁄₁₆"

Build Code D1090_ _ -   qty

WALL / CEILING CONNECTOR WITH POWER CABLE

	Dimension mm		Build Code Addition	Finish	
	Ø30 L : 226		90 **1 5**	**WHI** White	
			90 **3 5**	**PAL** Polished Aluminum	

90°
226mm 8 ⅞"
Ø30mm 1 ³⁄₁₆"

Build Code D1090_ _ -   qty

WALL / CEILING CONNECTOR

	Dimension mm		Build Code Addition	Finish	
	Ø55 H: 250		90 **1 6**	**WHI** White	
			90 **3 6**	**PAL** Polished Aluminum	

Ø55mm 2 ³⁄₁₆"
210mm 8 ¼"
250mm 9 ¹³⁄₁₆"

(D)

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TUBE

Build Code **D1090_ _ -**					qty
↗	mm	Dimension	Build Code Addition	Finish	
	Ø80 H: 30		90 1 7	**WHI** White	
			90 3 7	**PAL** Polished Aluminum	

Ø30mm 1 3/16"
350mm 13 ¾"

LED DRIVER AND HOUSING

Build Code **D1090_ _ -**					qty
↗	mm	Dimension	Build Code Addition	Finish	
	350 x 100 H: 50		90 1 8	**WHI** White	
			90 3 8	**PAL** Polished Aluminum	

35cm (13 3/4")
10cm (3 15/16")
5cm (1 15/16")

SUSPENSION CABLE KIT

Build Code **D1090_ _ -**					qty
↗	mm	Dimension	Build Code Addition	Finish	
			90 1 9	**WHI** White	
			90 3 9	**PAL** Polished Aluminum	

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DOUBLE LIGHTHEAD - WHITE

Build Code **D109010**						qty
	Wattage	Delivered Lumens	CRI	Color Temperature	Finish	
	4 4.6W	**376** 376lm	**90**	**27K** 2700K	**WHI** White	

TRIPLE LIGHTHEAD - WHITE

Build Code **D109011**						qty
	Wattage	Delivered Lumens	CRI	Color Temperature	Finish	
	4 4.6W	**376** 376lm	**90**	**27K** 2700K	**WHI** White	

DOUBLE LIGHTHEAD - POLISHED ALUMINUM

Build Code **D109030**						qty
	Wattage	Delivered Lumens	CRI	Color Temperature	Finish	
	4 4.6W	**376** 376lm	**90**	**27K** 2700K	**PAL** Polished Aluminum	

TRIPLE LIGHTHEAD - POLISHED ALUMINUM

Build Code **D10-9031**						qty
	Wattage	Delivered Lumens	CRI	Color Temperature	Finish	
	4 4.6W	**376** 376lm	**90**	**27K** 2700K	**PAL** Polished Aluminum	

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SPECIFICATION SHEET

FINISH COLORS

White

Polished Aluminum

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SPECIFICATION SHEET

LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
↓	floor-mounted	▽	pivotable	✳	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	CRI	color rendering index
◢	direct light distribution	⌂	reflector degree selection	°K	color temperature
⧗	direct/indirect light distribution	S|s	super spot	LM	lumen (luminous flux)
◣	indirect light distribution	⚘	lens	W	efficacy (lumens per watt)
◤	asymmetric light distribution	⊗	lens pack	UGR	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	⬛c	individual colors: 00 (free of charge), 01-25 (extra charge)	●	Dark Sky Compliance
⟷M	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	D	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

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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SPECIFICATION SHEET

SYSTEM SUMMARY

System

Type
Surface / Suspension
Rated for Dry Locations Ceiling / Wall Mounted

Approval Status
CSA Certified to CSA and UL Standards

Emission
Refer to emission icon beside each light insert and symbol legend for descriptions

Module

Measurement
L. 340 (13 ⅜") x w. 225mm (8 ⅞") / L. 330 (13") x w. 270mm (10 ⅝")

Suspension Lengths
Standard length is max 4000mm
Any custom length must be pre-cut on site
Maximum custom length available is 10000mm

Electrical

Connections
Luminaries are pre-wired with a factory installed branch circuit wiring and quick-release connectors
Through wiring is used to connect the luminaries

Power Feed
Provided with wall / ceiling connector and surface mounted
If a different location is required, please specify
3 Wires - non-dimming or phase dimming
4 Wires - two circuits of non-dimming or phase dimming
5 Wires - 0-10V dimming or dali dimming

LED Driver
Provided with wall / ceiling connector and surface mounted
Electronic Class 2 driver, Universal 120V/277V
Non-Dimming Driver, Phase Dimming Driver, and 0-10V Dimming Driver (10-100%)
Consult factory for driver cutsheet
If a different driver is required, please specify

Emergency Inverter Compatible
To be installed remotely, and provided by others
It can be located up to 250m away from the fixture

General

Features

Easy assembly due to the pre-wired modules that can be plugged together

Every module can be rotated freely in 360 degrees

Custom Requests and Additional Options
Availability depends on insert, system, and configuration
Must consult factory and allow up to 5 business days for an answer

Color temperature, finish colors

Configuration
Consult factory with drawings

*Shop drawings provided upon receiving purchase order

Warranty

ZANEEN provides a limited warranty from date of purchase to original purchaser

LED Inserts : 5 year tested for 50,000 hours at 70% lumen output (L70)
LED Driver : 5 year
Non-Electrical Components : 1 year

*Check boxes to complete specification order and submit to quotes@zaneen.com to receive a formal BOM and a finalized model number

*In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

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SYSTEM SUMMARY

Inserts

*Delivered lumens is the maximum possible

Modulars

Double / Triple Lighthead
Wattage: 4.6W
Lumen: 376lm
Color Temperature: 2700K

D

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.
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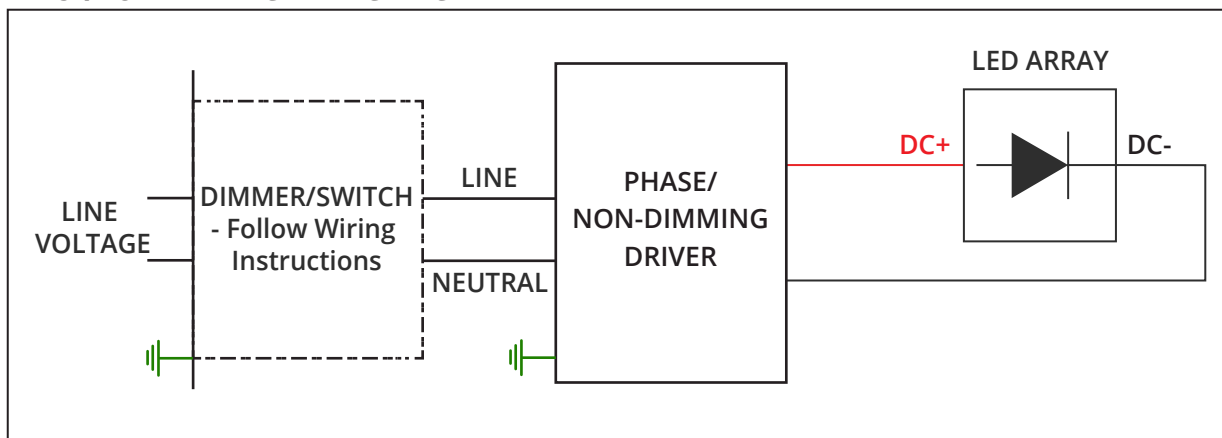PROJECT

TYPE

NOTES

QUANTITY

DATE

WIRING DIAGRAMS

ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

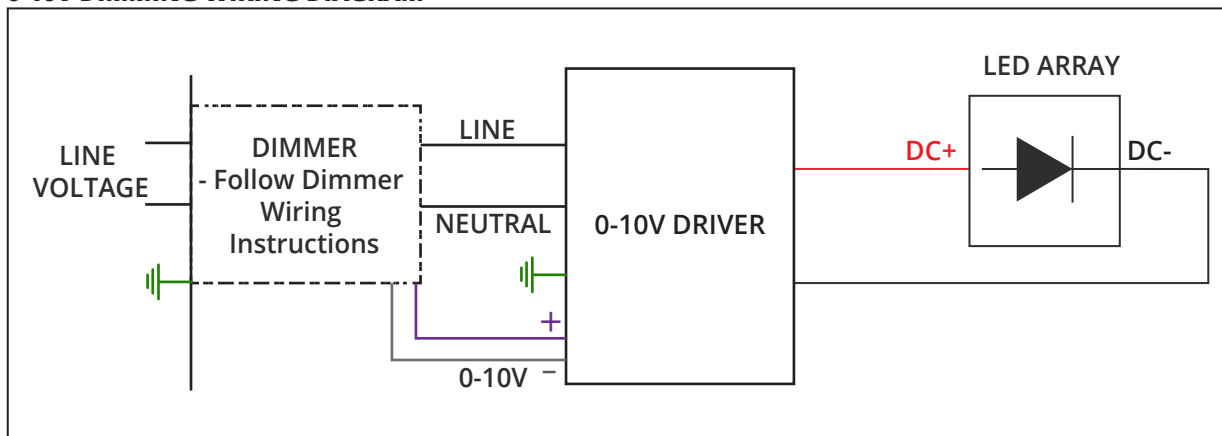Post Sales Support
HQ 1-800-388-3382 X 625 support@zaneen.com

IMPORTANT:

- Do NOT connect directly to line voltage
- There is a minimum and maximum load per driver (See fixture and driver specifications).
- Fixture MUST be connected to LED driver, prior to turning power on

PHASE/NON-DIMMING WIRING DIAGRAM

0-10V DIMMING WIRING DIAGRAM

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SPECIFICATION SHEET

INSERT CUSTOM DRAWING HERE OR ATTACH WITH ADDITIONAL PAGES

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