

SHUFFLE

landscapeforms

Specification Sheet | DP Series



SHUFFLE is a modular, scalable smart infrastructure platform that integrates lighting, security, connectivity, communication, and mobility solutions into a single, cohesive system. With 360-degree rotatable components, SHUFFLE can be configured to meet the unique needs of each outdoor space. Offered by Landscape Forms in partnership with Schröder, SHUFFLE brings advanced technology and contemporary design to parks, plazas, campuses, pedestrian paths, and other public spaces.

Housing & Materials

Modules are carefully designed and manufactured from high-grade, diecast, high-pressure aluminum with clear or frosted lens used to secure and protect the module from the elements. Extruded aluminum is also used to achieve the cylindrical shape, with fasteners in stainless steel.

The housing is finished with a high-grade polyester powdercoat.

Electrical

360 Light: 120V through 277V 50/60 Hz integrated electronic driver. 1-10V dimming. -40°C start temperature. Available with optional ANSI C136.41 twist lock receptacle or PIR sensor module.

Light Ring: 120V through 277V 50/60 Hz integrated electronic driver and can be linked to the intercom. -40°C start temperature.
180 Camera: PoE (Power over Ethernet) power supply. -30°C start temperature.

Quadview Camera: 24 VDC external power supply. -30°C start temperature.

Intercom: 120V through 277V 50/60 Hz nominal voltage. -30° C start temperature. 24 VDC external power supply.

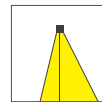
Digital Speaker: 25W rated power. -30°C start temperature. 90dB sound level. Ethernet network interface.

TM21 L95: 100,000 hrs
Protection Class: IP66

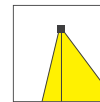
Light Engine

High powered LEDs mounted to a RoHS compliant circuit board with PMMA optics affixed to each LED on the board. Available in 3000K and 4000K. >80 CRI for 3000K and >70 CRI for 4000K.

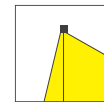
Distributions



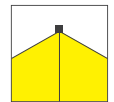
TII



TIII



TIV



TV

Warranty

Schröder warrants that each the Schröder® branded LED luminaire named “SHUFFLE” will be free from defects in materials and workmanship for a period of five (5) years, subject to all conditions and limitations contained in the complete warranty document dated June 1, 2019.

Certification

cUL Listed for Wet Location, CE, RoHS Compliant

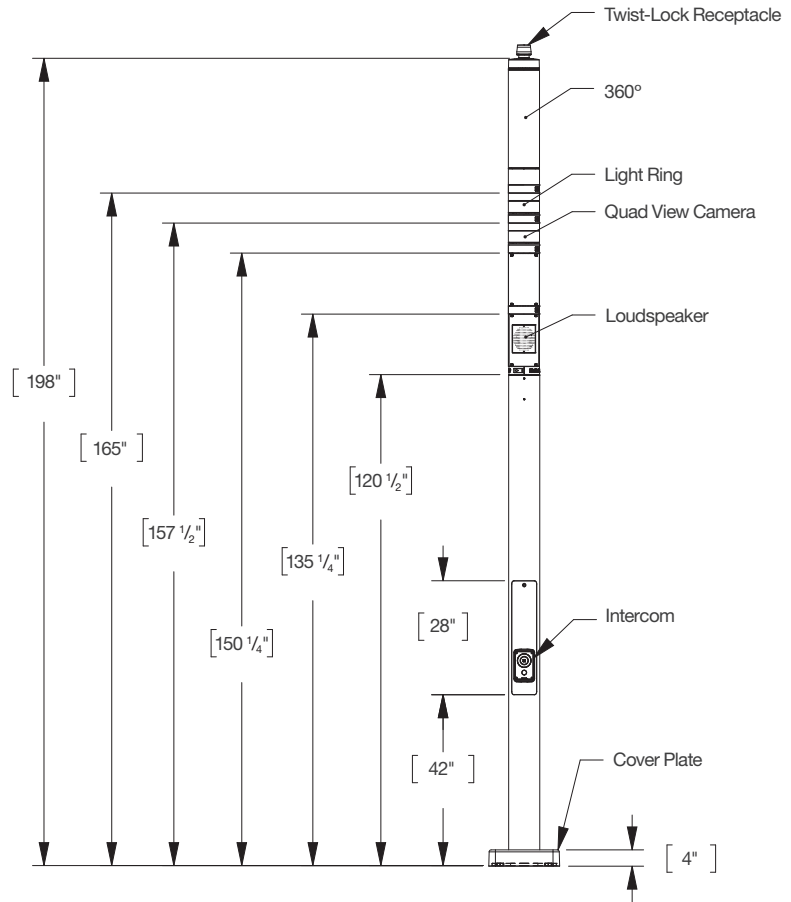


Designed by Schröder

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Pole

Round pole is 7.5" outside diameter with a 0.157" nominal wall thickness and manufactured from S235JR structural steel. Pole consists of two (2) or three (3) flush mounted doors for making electrical connections. Base plate is 15 3/4" square, is manufactured from S235JR structural steel, and features an all-around fillet weld to pole shaft. Includes two-piece powdercoated cast aluminum cover plate. Mounting template and anchor hardware also included. Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

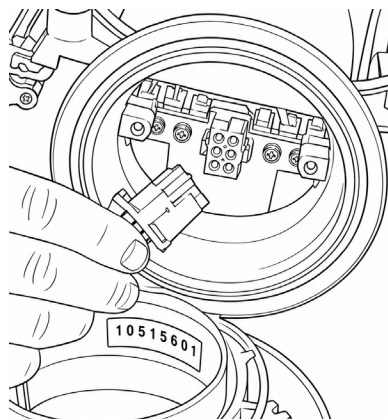


Example Configuration

Mounting

Shuffle provides a plug-and-play installation with quick connectors and pre-cabled modules. The top and bottom parts of the modules are designed to smoothly overlap and include gaskets. Two cast aluminum clamps lock them together to ensure the perfect tightness of each module and to join the modules in a single column. The rotatable modules can be oriented in the desired direction before the final lock.

Dedicated embellishment parts hide the screws, providing a smooth finish for the whole column.

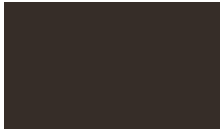
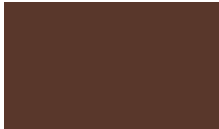
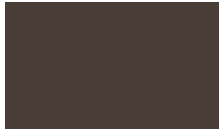


Luminaire Performance Data

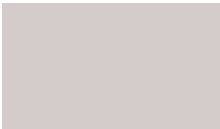
Distribution Type	Lens	Backlight Shield	Drive Current	Lumen Output	Input Power (W)	BUG Rating
Type II	Clear	No	350mA	2689	22.5	B1-U1-G1
Type II	Frosted	No	350mA	2381	22.5	B1-U3-G1
Type II	Clear	Yes	350mA	2445	22.5	B1-U2-G1
Type II	Frosted	Yes	350mA	2188	22.5	B1-U3-G1
Type II	Clear	No	500mA	3655	32.2	B2-U1-G2
Type II	Frosted	No	500mA	3238	32.2	B1-U3-G1
Type II	Clear	Yes	500mA	3324	32.2	B1-U2-G1
Type II	Frosted	Yes	500mA	2975	32.2	B1-U3-G1
Type II	Clear	No	700mA	4777	45	B2-U1-G2
Type II	Frosted	No	700mA	4230	45	B2-U3-G2
Type II	Clear	Yes	700mA	4344	45	B1-U2-G1
Type II	Frosted	Yes	700mA	3887	45	B1-U3-G2
Type III	Clear	No	350mA	2570	22.5	B1-U2-G1
Type III	Frosted	No	350mA	2301	22.5	B1-U3-G1
Type III	Clear	Yes	350mA	2358	22.5	B1-U2-G1
Type III	Frosted	Yes	350mA	2117	22.5	B1-U3-G1
Type III	Clear	No	500mA	3495	32.2	B1-U2-G1
Type III	Frosted	No	500mA	3129	32.2	B1-U3-G1
Type III	Clear	Yes	500mA	3205	32.2	B1-U2-G1
Type III	Frosted	Yes	500mA	2879	32.2	B1-U3-G1
Type III	Clear	No	700mA	4567	45	B1-U2-G1
Type III	Frosted	No	700mA	4088	45	B1-U3-G2
Type III	Clear	Yes	700mA	4189	45	B1-U2-G1
Type III	Frosted	Yes	700mA	3762	45	B1-U3-G2
Type V	Clear	No	350mA	3405	26.6	B2-U2-G2
Type V	Frosted	No	350mA	2901	26.6	B1-U3-G2
Type V	Clear	No	500mA	4655	38.1	B2-U2-G2
Type V	Frosted	No	500mA	3966	38.1	B2-U3-G2
Type V	Clear	No	700mA	6163	53	B3-U2-G3
Type V	Frosted	No	700mA	5251	53	B2-U3-G2

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Architectural Series - Powdercoated Metal* (Fine Texture)

					
OBD (Obsidian)	MBK (Matte Black)	NMG (Nutmeg)	ONX (Onyx)	BLA (Blue Ash)	DSK (Dusk)

Neutral Series - Powdercoated Metal*

		
MER (Mercury Metallic)	BLK (Gloss Black)	WHT (Gloss White)

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Powdercoated Metal

Powdercoated Metal Pangard II® Polyester Powdercoat is a hard, yet flexible, finish that resists rusting, chipping, peeling and fading. In addition to colors shown, a wide selection of optional and custom colors may be specified for an upcharge.

* All colors and patterns shown are approximate and may vary from sample and final.

Visit landscapeforms.com for more information.

Specifications are subject to change without notice.

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