PIXEL
DOT LIGHT

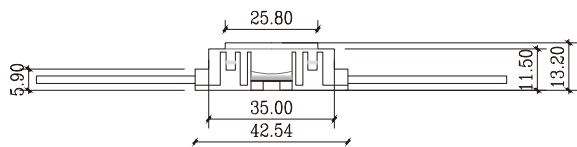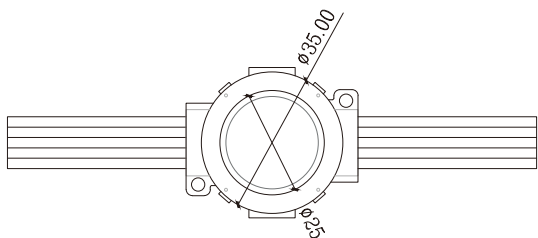**HONDEL LIGHTING**

HONDEL LIGHTING

Product Features

Individual control: Each pixel dot light can be controlled individually, allowing for a wide range of creative and dynamic lighting effects.

Flexibility: Pixel dot lights can be used to create media facades of any size and shape, regardless of the building's architecture.

Durability: Pixel dot lights are made with high-quality materials and are designed to withstand the elements, making them ideal for outdoor use

IP68 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI

PHYSICAL

Body	UV Resistant PC
Dimensions	35MM
Finish	Black & White
IP Rating	IP68
Flame retardant grade:	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE	OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	0.75W
Control	SPI / DMX512
Input voltage	24V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

ø35.00
ø25
25.80
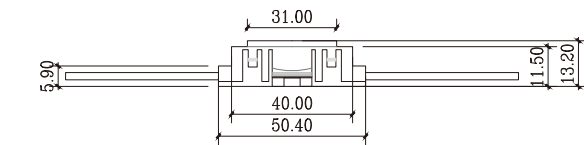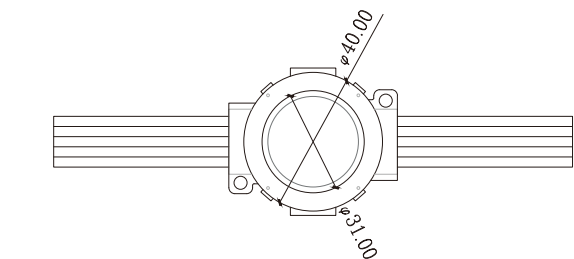5.90
35.00
42.54
11.50
13.20

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IP68 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI

PHYSICAL

Body	UV Resistant PC
Dimensions	40MM
Finish	Black & White
IP Rating	IP68
Flame retardant grade:	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE	OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	1.5W
Control	SPI / DMX512
Input voltage	24V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

ø40.00
ø31.00
31.00
5.90
40.00
50.40
11.50
13.20

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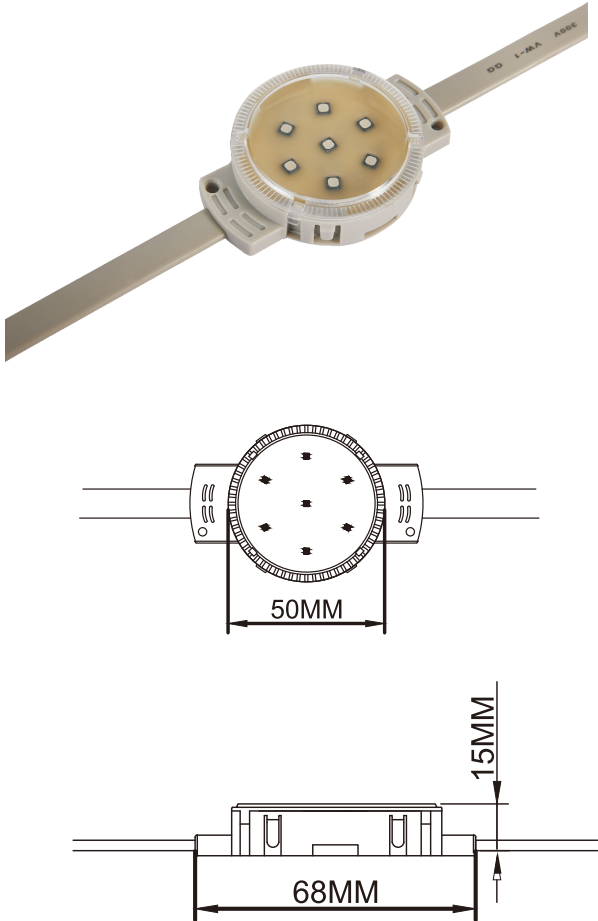
IP68 Rating | **5YRS** Warranty | **RGB** | **RGBW** | **DMX** | **DALI**

PHYSICAL

Body	UV Resistant PC
Dimensions	50MM
Finish	Black & White
IP Rating	IP68
Flame retardant grade:	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE	OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	1.6W
Control	SPI / DMX512
Input voltage	24V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

50MM

15MM

68MM

Bentley, Abu Dhabi, UAE

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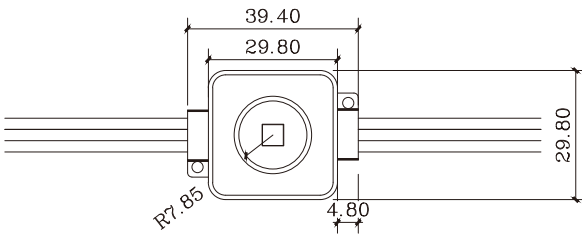
| IP68 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI |

PHYSICAL

Body	UV Resistant PC
Dimensions	D30*15MM
Finish	Black & White
IP Rating	IP68
Flame retardant grade:	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE	OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	1.5W
Control	SPI / DMX512
Input voltage	5V	12V	24V
Lamp life	50,000 h
Ambient Temp.	−25°C ~ 50°C
Ambient Humidity	−25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

39.40
29.80
29.80
R7.85
4.80

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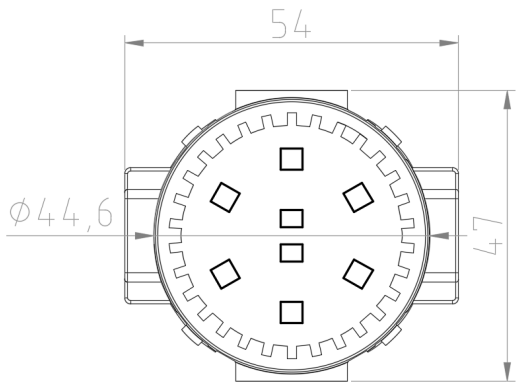
| IP68 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI |

PHYSICAL

Body	UV Resistant PC
Dimensions	D54MM
Finish	Black & White
IP Rating	IP68
Flame retardant grade:	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE	OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	1.5W
Control	SPI / DMX512
Input voltage	48V
Lamp life	50,000 h
Ambient Temp.	−25°C ~ 50°C
Ambient Humidity	−25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

54
47
Ø44.6

Pixel Dot Light : HD-D0840

HONDEL
LIGHTING

Pixel Dot Light : HD-D0450

HONDEL
LIGHTING

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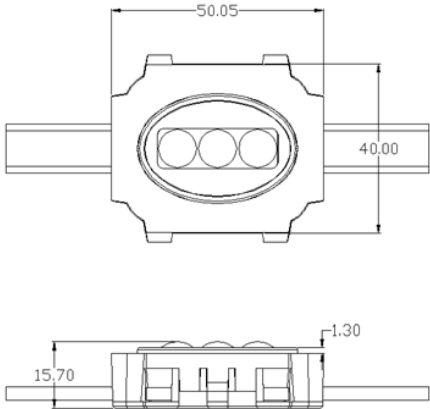
| IP68 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI |

PHYSICAL

Body	UV Resistant PC
Dimensions	50*40mm
Finish	Black & White
IP Rating	IP68
Flame retardant grade	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	1.5W
Control	SPI / DMX512
Input voltage	12V
Lamp life	50,000 h
Ambient Temp.	–25°C ~ 50°C
Ambient Humidity	–25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
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Product Features

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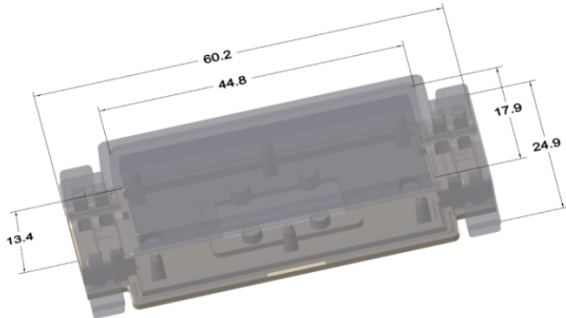
| IP68 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI |

PHYSICAL

Body	UV Resistant PC
Dimensions	60*24MM
Finish	Black & White
IP Rating	IP68
Flame retardant grade:	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	1.8W
Control	SPI / DMX512
Input voltage	48V
Lamp life	50,000 h
Ambient Temp.	–25°C ~ 50°C
Ambient Humidity	–25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

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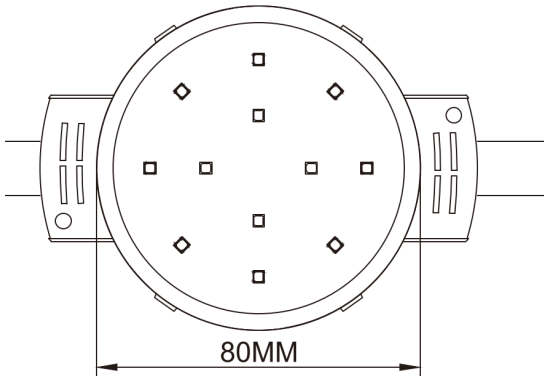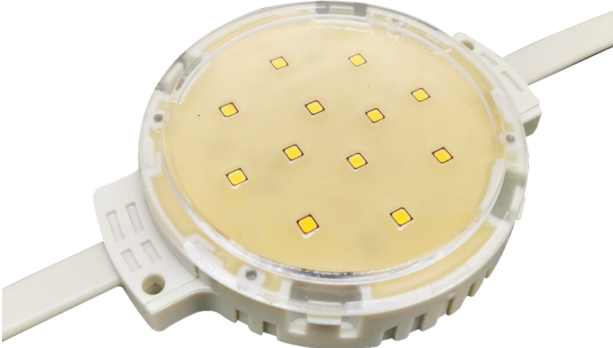
IP68 Rating	5YRS Warranty	RGB	RGBW	DMX	DALI+

PHYSICAL

Body	UV Resistant PC
Dimensions	80MM
Finish	Black & White
IP Rating	IP68
Flame retardant grade	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	3.6W
Control	SPI / DMX512
Input voltage	24V | 36V
Lamp life	50,000 h
Ambient Temp.	−25°C ~ 50°C
Ambient Humidity	−25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

80MM

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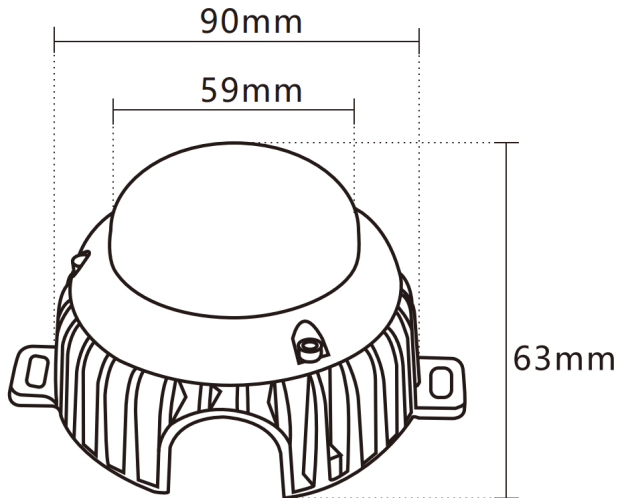| IP68 Rating	5YRS Warranty	RGB	RGBW	DMX	DALI+

PHYSICAL

Body	UV Resistant PC
Dimensions	D90*62mm
Finish	Black & White
IP Rating	IP68
Flame retardant grade	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

90mm

59mm

63mm

ELECTRICAL

Power	6W
Control	SPI / DMX512
Input voltage	24V
Lamp life	50,000 h
Ambient Temp.	−25°C ~ 50°C
Ambient Humidity	−25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
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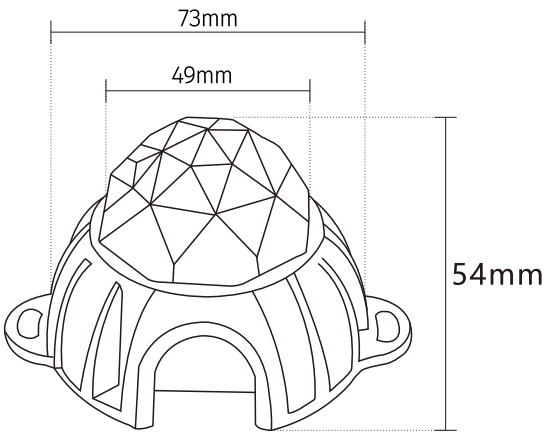
IP68 Rating	5YRS Warranty	RGB	RGBW	DMX	DALI

PHYSICAL

Body	Die Cast Aluminum
Dimensions	D73*54mm
Finish	Black & Grey
IP Rating	IP68
Flame retardant grade	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE	OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

73mm
49mm
54mm

ELECTRICAL

Power	6W
Control	SPI / DMX512
Input voltage	24V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

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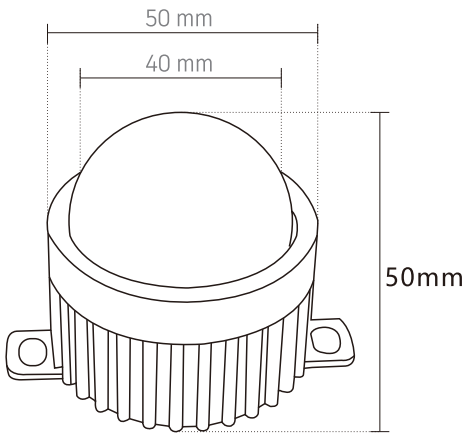
IP68 Rating	5YRS Warranty	RGB	RGBW	DMX	DALI

PHYSICAL

Body	Die Cast Aluminum
Dimensions	D50*50mm
Finish	Black & White
IP Rating	IP68
Flame retardant grade	V0

OPTICAL

Lamp	LED
Cover	UV Resistant PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE	OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

50 mm
40 mm
50mm

ELECTRICAL

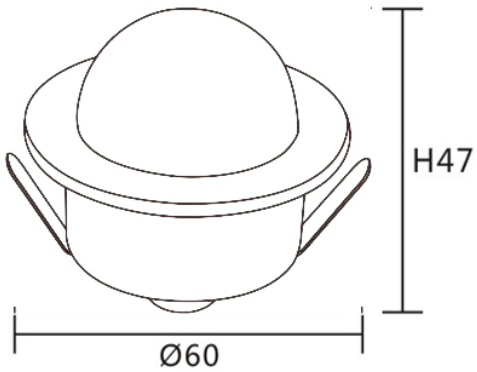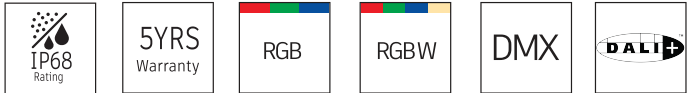|	
Power	3W
Control	SPI / DMX512
Input voltage	24V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

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IP68 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI

PHYSICAL

Body	Die Cast Aluminum
Dimensions	D60*47mm
Finish	Grey / Black
IP Rating	IP68
Flame retardant grade	V0

OPTICAL

Lamp	LED
Cover	UV Resistant Clear PC
Beam Angle	120°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

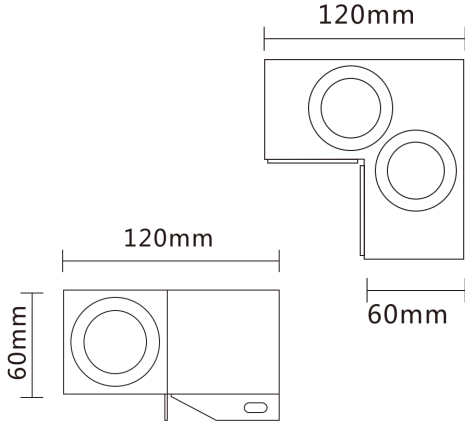|	
Power	3 W
Control	SPI / DMX512
Input voltage	24V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

H47
Ø60

Product Features

Elevate your facade with the striking impact of architectural wall lights. Whether you opt for a 2-way, 3-way, or 4-way configuration, these versatile fixtures can dramatically transform a plain wall into a captivating focal point.

Hondel's premium 4-directional wall lights offer exceptional quality and design, making them the ideal choice for illuminating your facade.

IP67 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI

PHYSICAL

Body	Aluminum
Dimensions	120**120*60mm
Finish	Grey
IP Rating	IP67

OPTICAL

Lamp	LED
Cover	Glass
Beam Angle	3/5/8/15/30/45/60°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	4x3W
Control	SPI / DMX512 Optional
Input voltage	24V/AC220V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

120mm
120mm
60mm
60mm

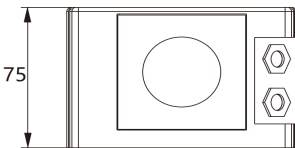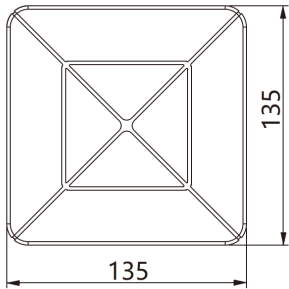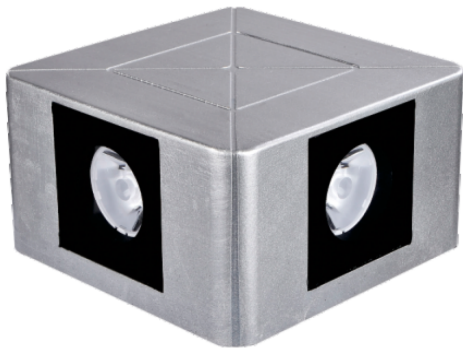HONDEL LIGHTING

Product Features

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Hondel's premium 4-directional wall lights offer exceptional quality and design, making them the ideal choice for illuminating your facade.

IP67 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI

PHYSICAL

Body	Die Cast Aluminum
Dimensions	135*135*75mm
Finish	Grey
IP Rating	IP67
Flame retardant grade	V0

OPTICAL

Lamp	LED
Cover	Glass
Beam Angle	3/5/8/15/30/45/60°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82

ELECTRICAL

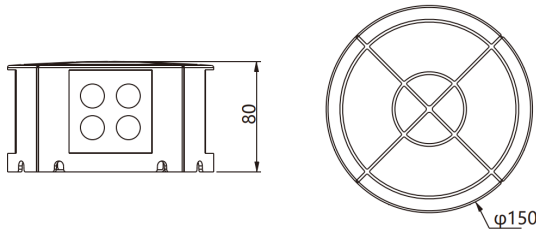| Power	4x6W
Control	SPI / DMX512 Optional
Input voltage	24V /AC220V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

135

135

75

Product Features

Elevate your facade with the striking impact of architectural wall lights. Whether you opt for a 2-way, 3-way, or 4-way configuration, these versatile fixtures can dramatically transform a plain wall into a captivating focal point.

Hondel's premium 4-directional wall lights offer exceptional quality and design, making them the ideal choice for illuminating your facade.

IP67 Rating | 5YRS Warranty | RGB | RGBW | DMX | DALI

PHYSICAL

Body	Die Cast Aluminum
Dimensions	D150*80MM
Finish	Grey
IP Rating	IP67

OPTICAL

Lamp	LED
Cover	Glass
Beam Angle	8/10/15/30/45/60°
Color Temp.	Mono Color, RGB, RGBW
LED Chip	CREE | OSRAM
Lumen Output	+85lm / W
Color rendering i(Ra):	>82
Power factor (PF):	>0.9

ELECTRICAL

Power	4x6W
Control	SPI / DMX512 Optional
Input voltage	24V/ AC220V
Lamp life	50,000 h
Ambient Temp.	-25°C ~ 50°C
Ambient Humidity	-25% ~ +60%
PCB	Excellent heat conductivity aluminum coefficient of heat conductivity ≥ 2.0w/mk
PCB Voltage protection	Reverse voltage protection
PCB Current Stabilization	Integrated current stabilization system

80

φ150