

TAMLED

ARCHITECTURAL LIGHTING
MİMARİ AYDINLATMA

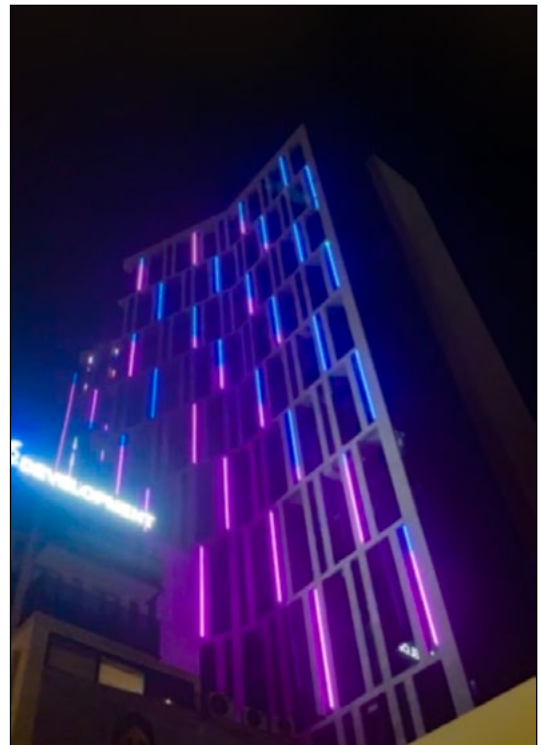
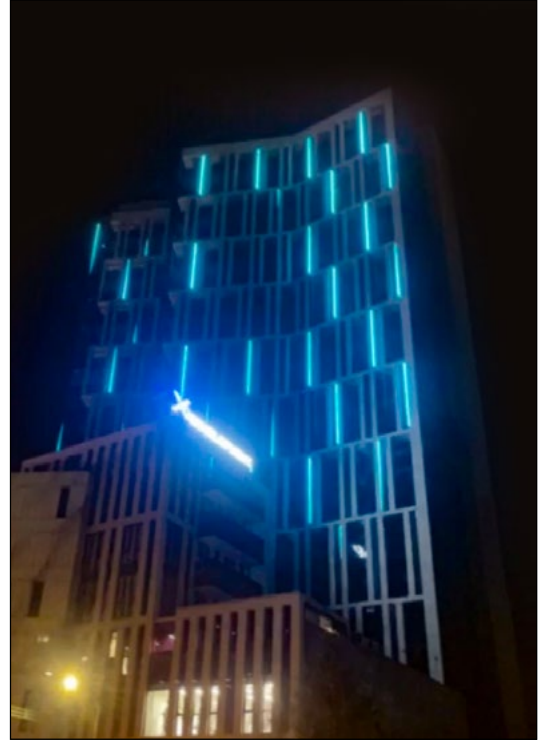






[TAMLED]

PROJE : X PROJECT
YAPIM YIL : 2023
KONUM : Tiflis

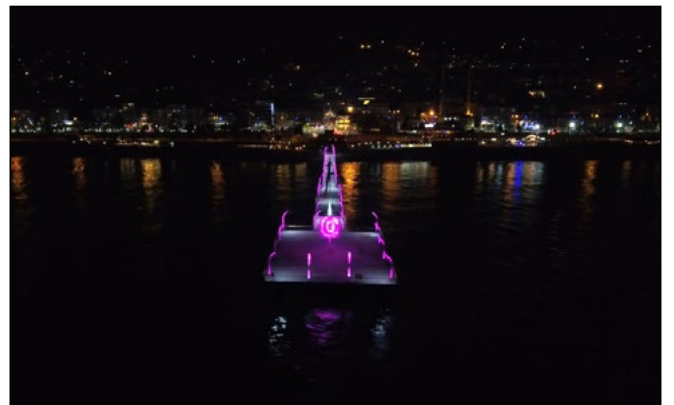
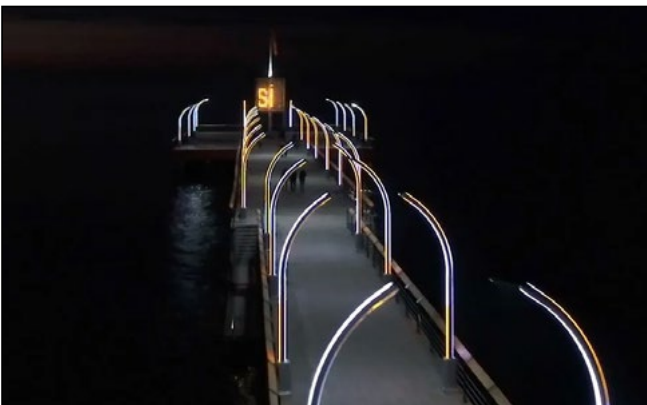
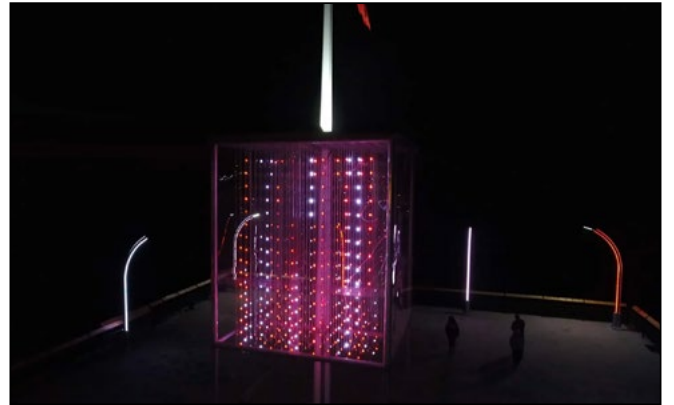


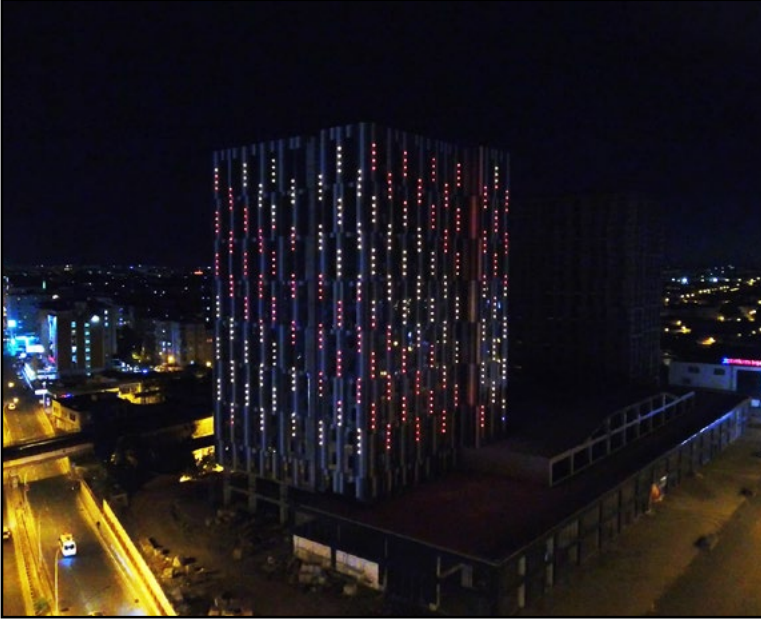
PROJE : NEW GOLD
YAPIM YIL : 2022
KONUM : Batum



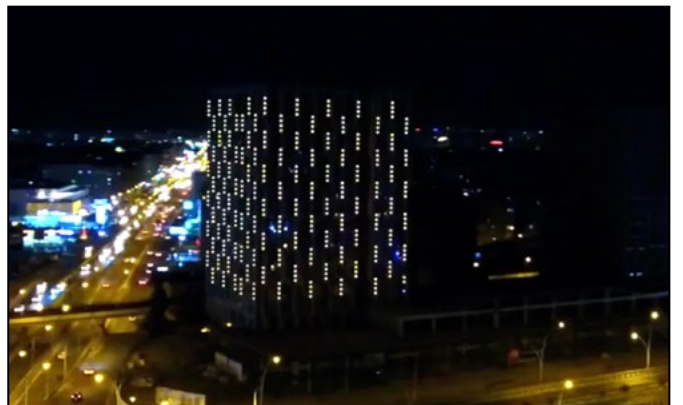
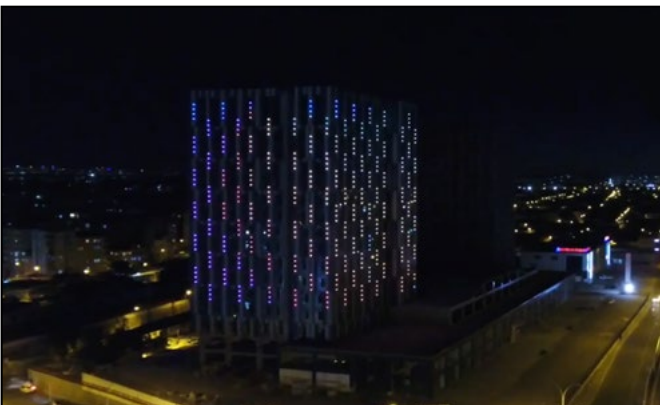
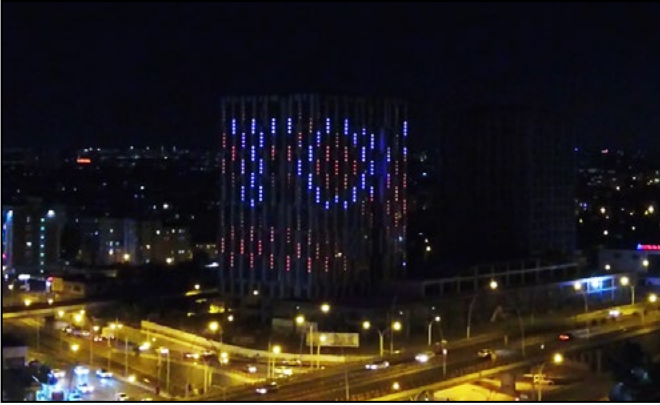


PROJE : BULANCAK İSKELESİ
YAPIM YIL : 2019
KONUM : Bulancağ





PROJE : TWIN TOWER
YAPIM YIL : 2019
KONUM : Diyarbakir



LED Flood Light



FLS36 14



FLS72 16



FLS120 18



FLK36 20



FLK72 22



FLK96 24



FLM72 26



FLM144 28



FLM216 30



FLM288 32



FLM432 34



FLM648 36



FLX120 38



FLX240 40



FLX300 42



FLX500 44

LED Inground Light



IGF2024 48



IGF2536 50

LED Wall Washer Light



WWL2612 54



WWL2924 56



WWL3736 58



WWL2824 60



WWL3524 62



WWL4048 64



WWL6572 66



WWL6072 68

LED Linear Light



LL16 72



LL22 74



LL25 76



LL28 78

LED Linear Light



LED Neon Flex Light



LED Pixel Light



LED Window Light



WL6020 112



WL11308 114

LED Road Low Location Light



GRL4836 118



HRL3002 120



HRL3702 122



— Light is the dancing flame that drives out darkness and brings light.



- Flood lights, also known as spot lights, are mostly used for directional lighting. And flood lights are mainly used for exterior architectural facade lighting and landscape lighting, including lighting for single buildings, historic buildings, green landscape, cultural and artistic facilities, and architecture with other styles. ToyoShine's product line is designed in a minimalistic and exquisite style, covering 3W to 700W for a variety of lighting applications.



**Minimalistic and Low-glare
3~5m Height Application
LED Flood Light**

FLS36

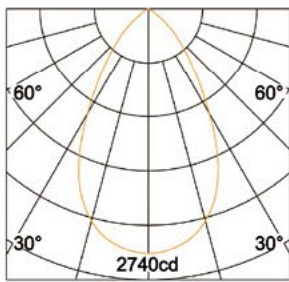
Features

- Minimalistic appearance design
- High-strength die cast aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- High-performance electronic design and reliable heat dissipation.
- Intelligent stepless dimming technology adopted.

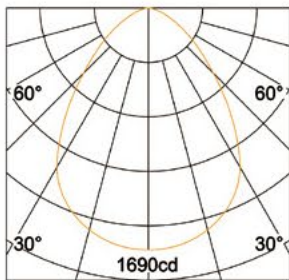
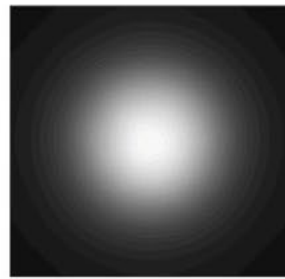


RAL7012 RAL9006 RAL9003

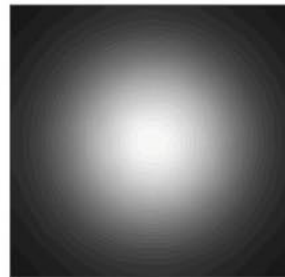




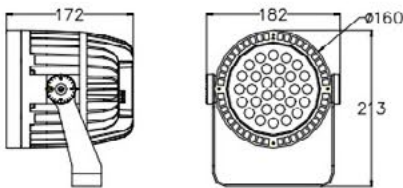
H (m)	E (lx)	D (m)
		60°
1	2471	1.15
2	618	2.31
3	275	3.46
4	154	4.62
5	99	5.77



H (m)	E (lx)	D (m)
		80°
1	1500	1.68
2	375	3.36
3	167	5.03
4	94	6.71
5	60	8.39



Dimension



Specifications

Power Consumption	36W	36W	36W
Luminous Flux	2740 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / AC220V		
Protection Class IEC	III/I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Die cast aluminum ADC12		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
5~7m Height Application
LED Flood Light**

FLS72

Features

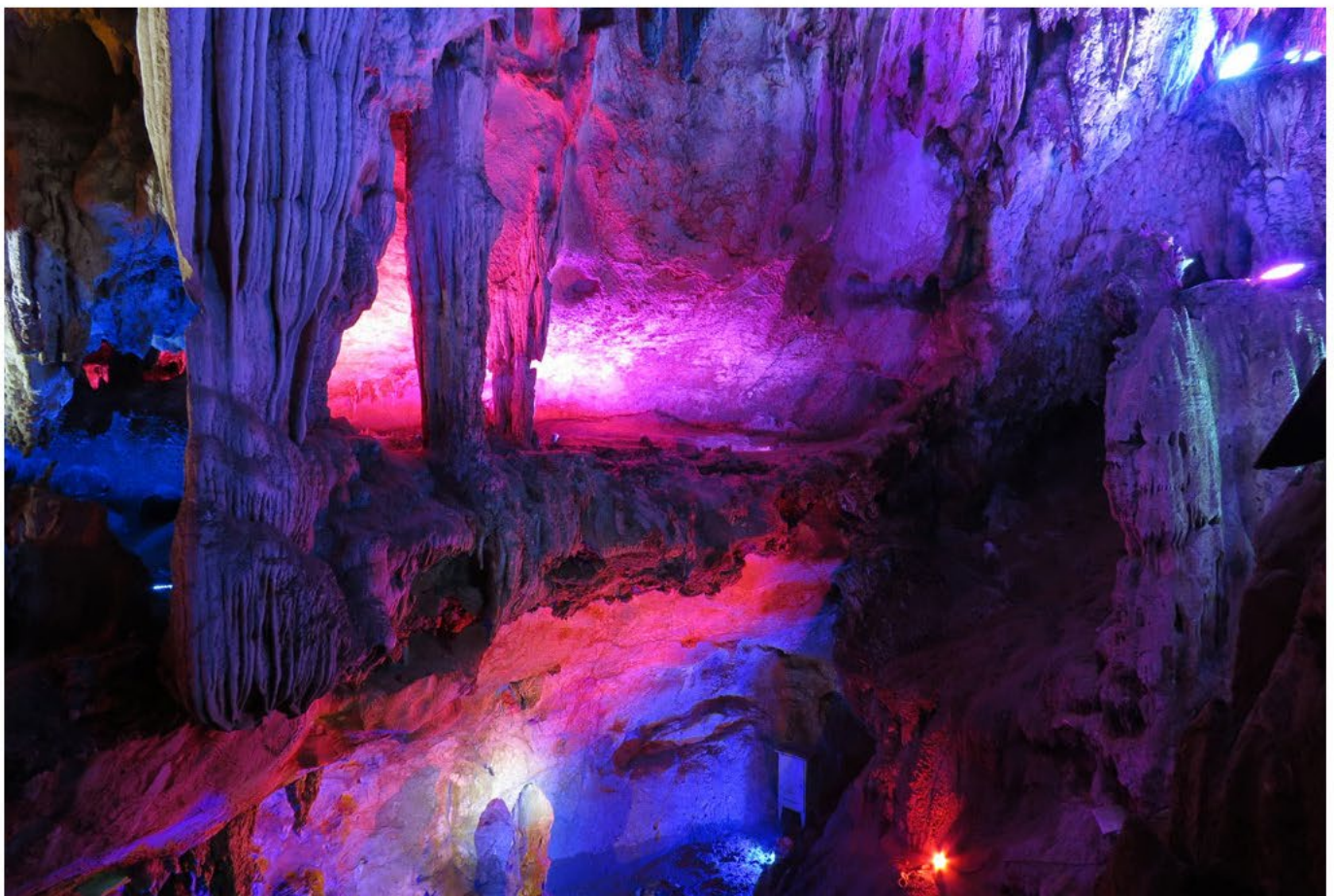
- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

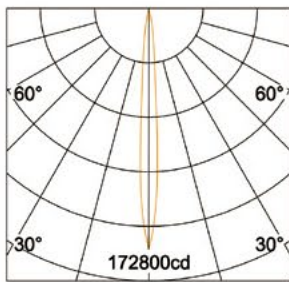


RAL7012

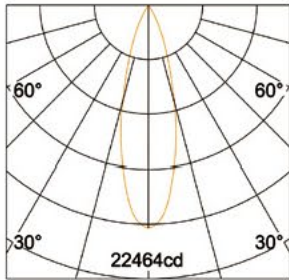
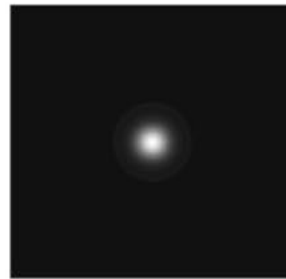
RAL9006

RAL9003

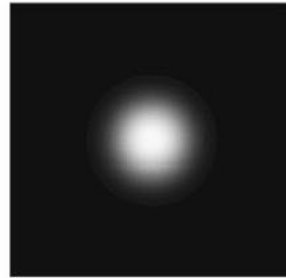




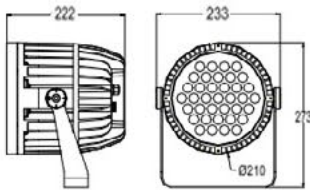
H (m)	E (lx)	D (m)
		8°
1	152738	0.14
2	38184	0.28
3	16971	0.42
4	9546	0.56
5	6110	0.70



H (m)	E (lx)	D (m)
		30°
1	18274	0.54
2	4569	1.07
3	2030	1.61
4	1142	2.14
5	731	2.68



Dimensions



Specifications

Power Consumption	72W	72W	72W
Luminous Flux	5760 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
6~10m Height Application
LED Flood Light**

FLS120

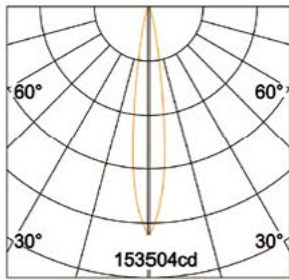
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

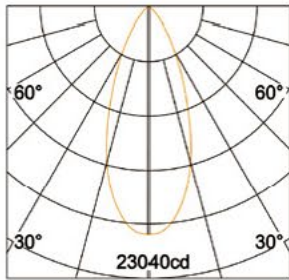
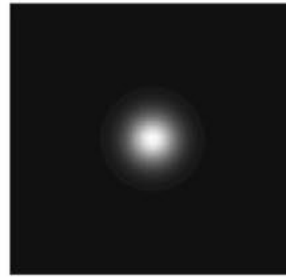


RAL7012 RAL9006 RAL9003

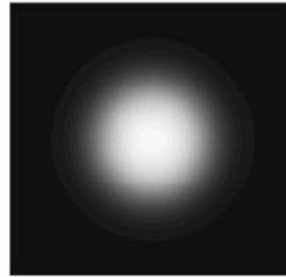




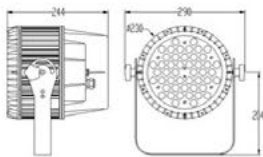
H (m)	E (lx)	D (m)
		15°
1	129451	0.26
2	32363	0.53
3	14383	0.79
4	8091	1.05
5	5178	1.32



H (m)	E (lx)	D (m)
		40°
1	19308	0.73
2	4827	1.46
3	2145	2.18
4	1207	2.91
5	772	3.64



Dimensions



Specifications

Power Consumption	120W	120W	120W
Luminous Flux	9838 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Low-glare
3~5m Height Application
LED Flood Light**

FLK36

Features

- Minimalistic appearance design
- High-strength die cast aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- High-performance electronic design and reliable heat dissipation.
- Intelligent stepless dimming technology adopted.



RAL7012

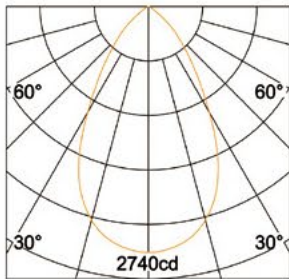


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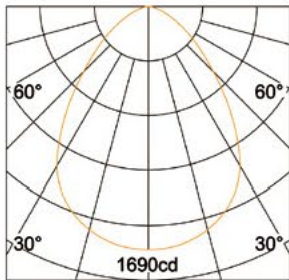
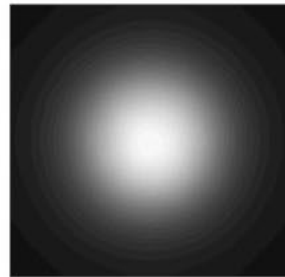


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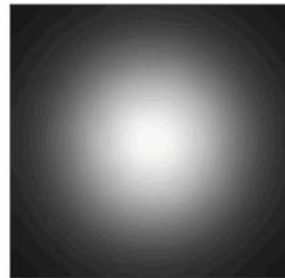




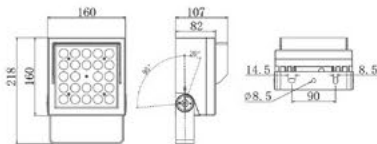
H(m)	E(k)	D(m)
		60°
1	2471	1.15
2	618	2.31
3	275	3.46
4	154	4.62
5	99	5.77



H(m)	E(k)	D(m)
		80°
1	1500	1.68
2	375	3.36
3	167	5.03
4	94	6.71
5	60	8.39



Dimension



Specifications

Power Consumption	36W	36W	36W
Luminous Flux	2740 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / AC220V		
Protection Class IEC	III/I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Die cast aluminum ADC12		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
5~7m Height Application
LED Flood Light**

FLK72

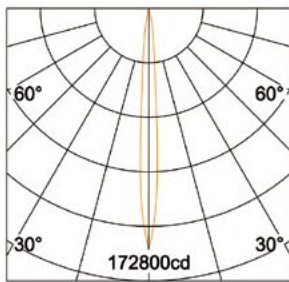
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

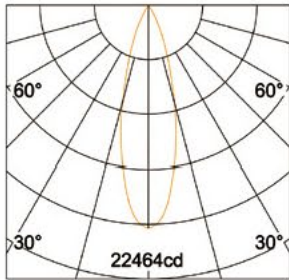
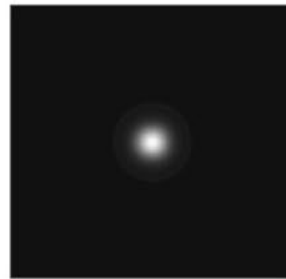


RAL7012 RAL9006 RAL9003

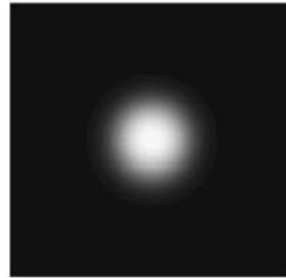




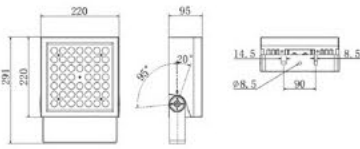
H (m)	E (lx)	D (m)
		8°
1	152738	0.14
2	38184	0.28
3	16971	0.42
4	9546	0.56
5	6110	0.70



H (m)	E (lx)	D (m)
		30°
1	18274	0.54
2	4569	1.07
3	2030	1.61
4	1142	2.14
5	731	2.68



Dimensions



Specifications

Power Consumption	60W	72W	72W
Luminous Flux	4920 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° / 15° / 30° / 40° / 60° / 80° / 30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
6~10m Height Application
LED Flood Light**

FLK96

Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.



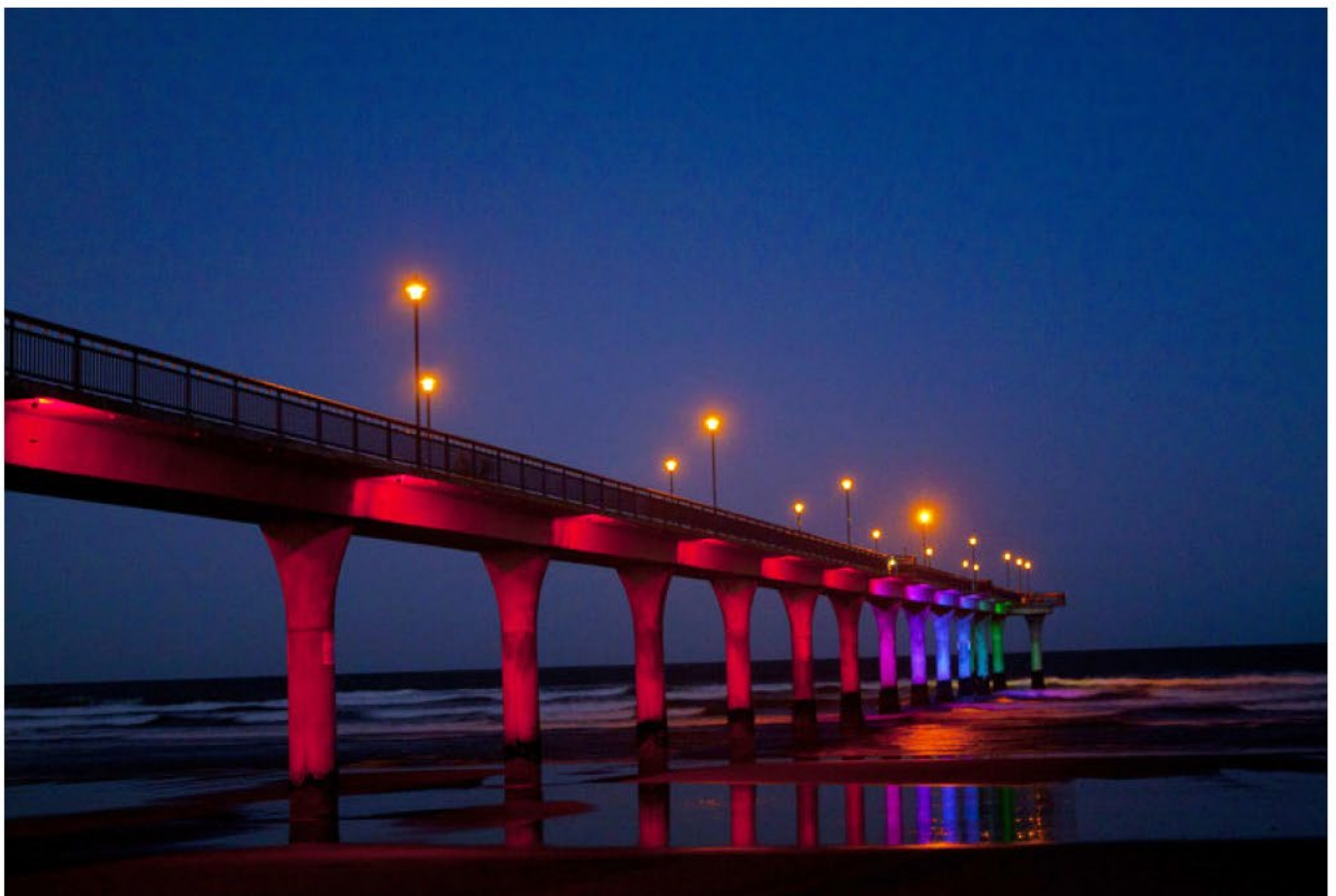
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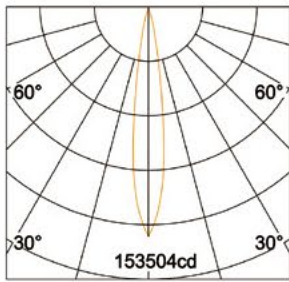


RAL9006

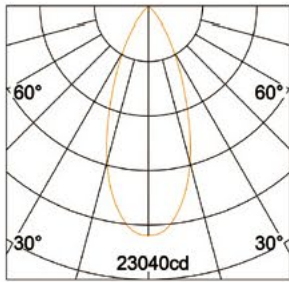
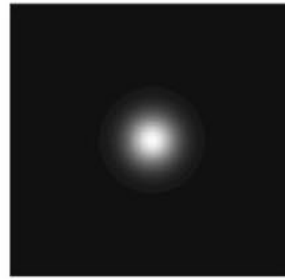


RAL9003

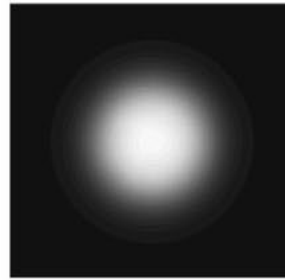




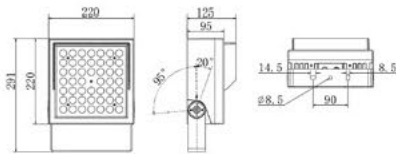
H (m)	E (lx)	D (m)
		15°
1	129451	0.26
2	32363	0.53
3	14383	0.79
4	8091	1.05
5	5178	1.32



H (m)	E (lx)	D (m)
		40°
1	19308	0.73
2	4827	1.46
3	2145	2.18
4	1207	2.91
5	772	3.64



Dimensions



Specifications

Power Consumption	96W	96W	96W
Luminous Flux	7872 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
5~7m Height Application
LED Flood Light**

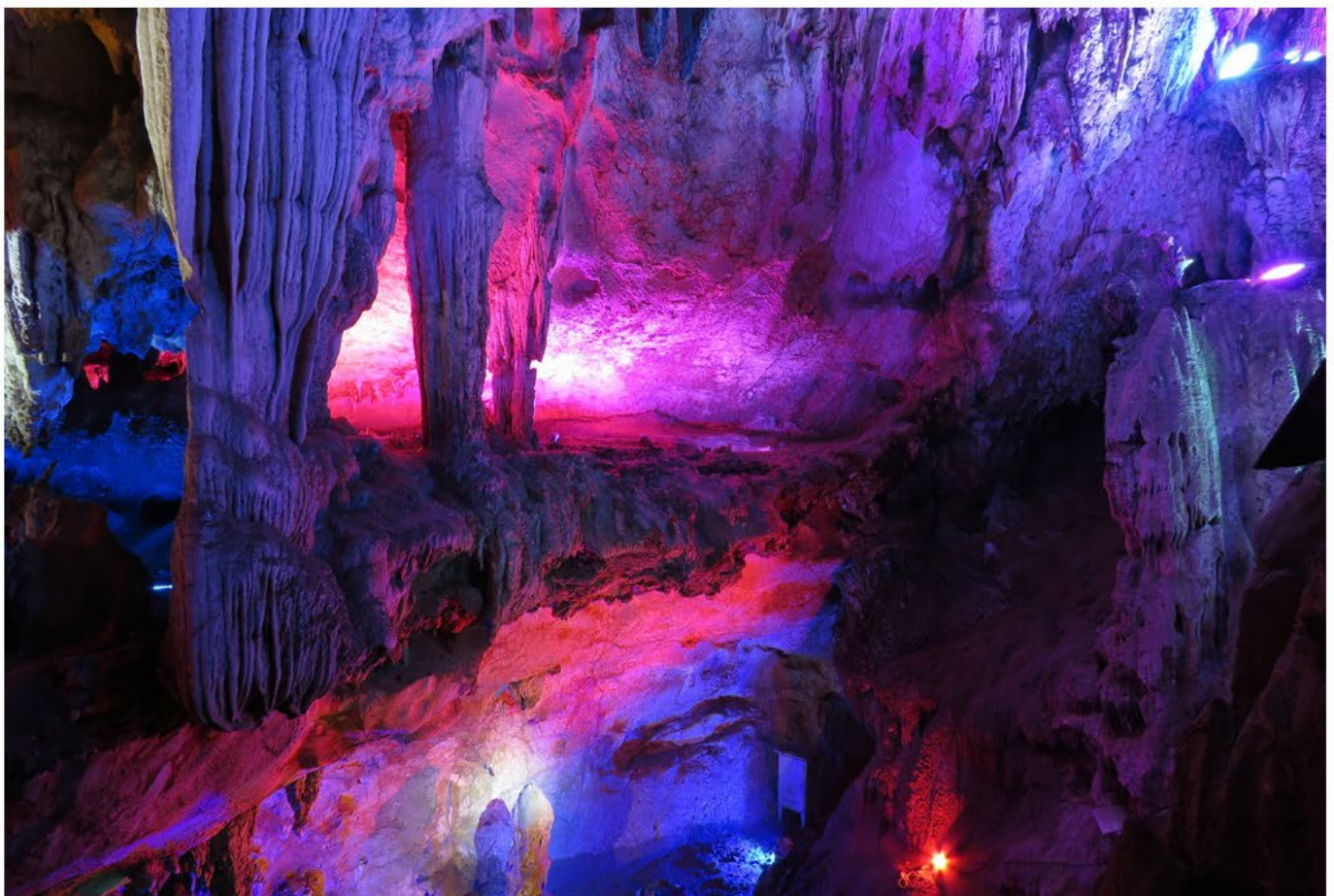
FLM72

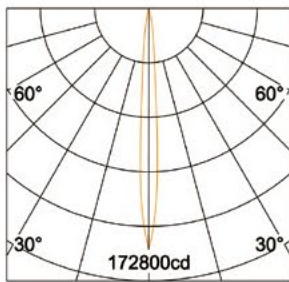
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- Minimalistic appearance design
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- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

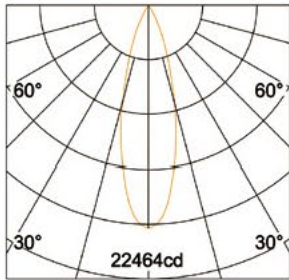
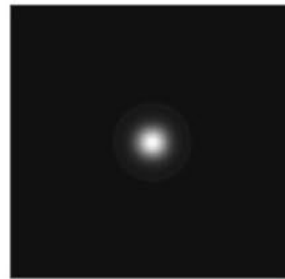


RAL7012 RAL9006 RAL9003

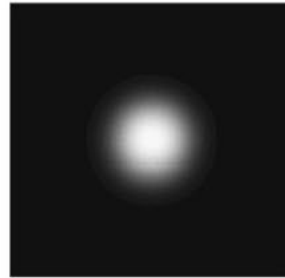




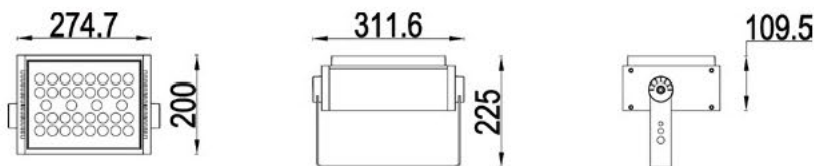
H (m)	E (lx)	D (m)
		8°
1	152738	0.14
2	38184	0.28
3	16971	0.42
4	9546	0.56
5	6110	0.70



H (m)	E (lx)	D (m)
		30°
1	18274	0.54
2	4569	1.07
3	2030	1.61
4	1142	2.14
5	731	2.68



Dimensions



Specifications

Power Consumption	72W	72W	72W
Luminous Flux	5760 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	4.5° /8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
6~10m Height Application
LED Flood Light**

FLM144

Features

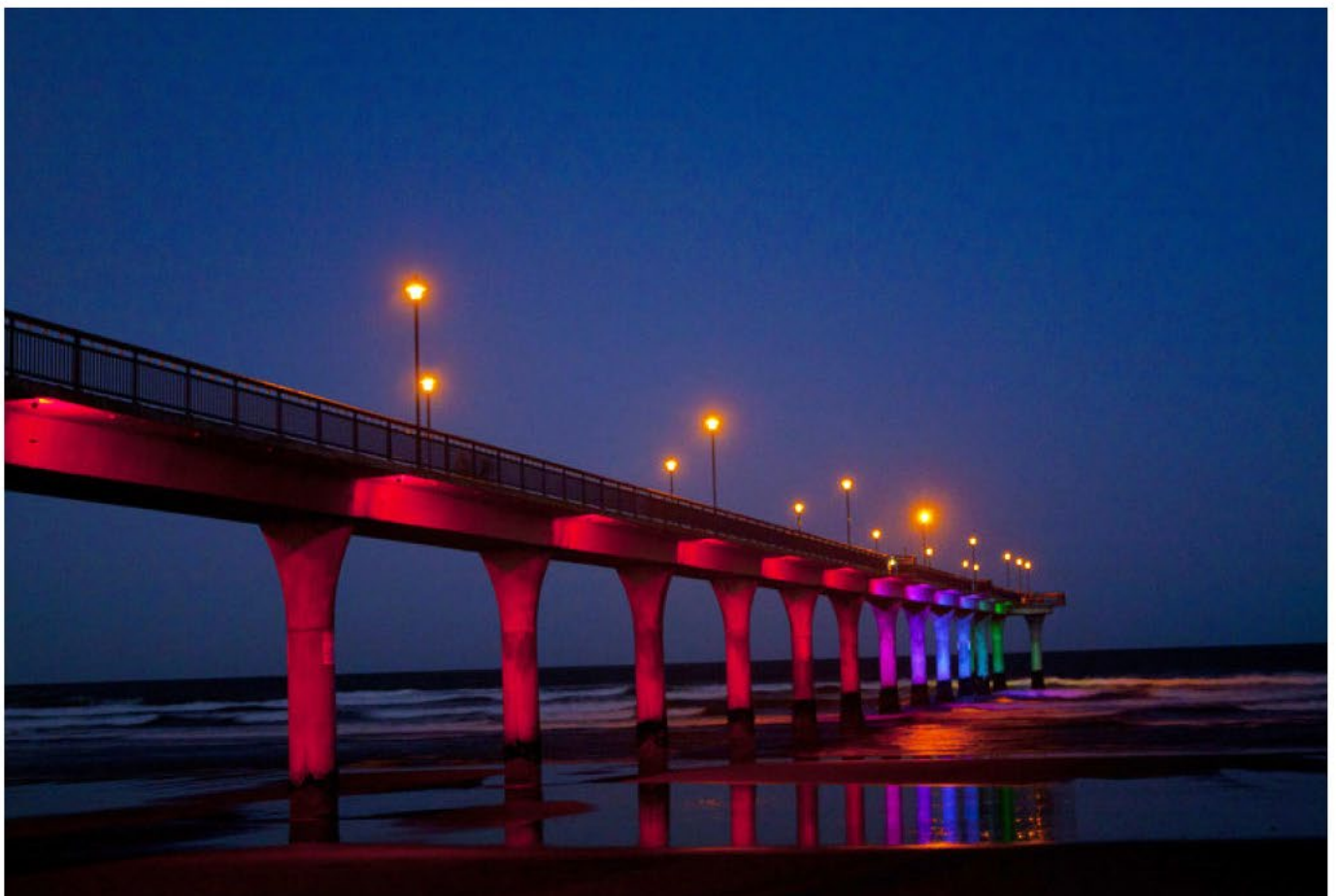
- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

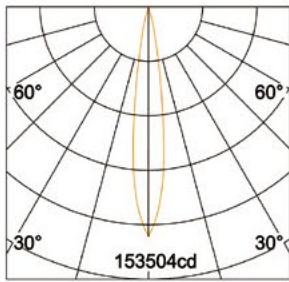


RAL7012

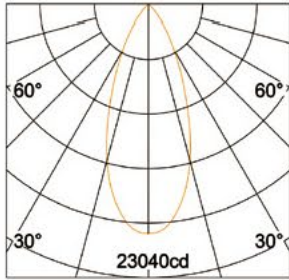
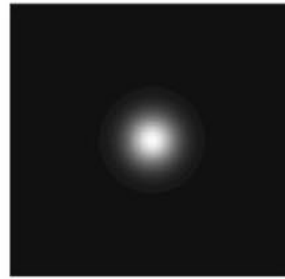
RAL9006

RAL9003





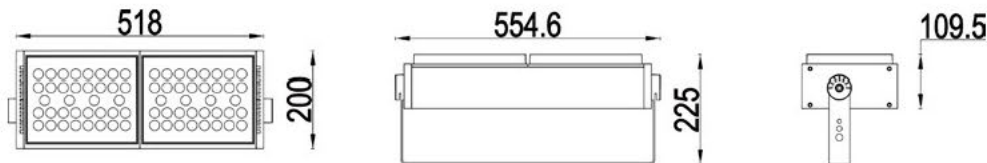
H(m)	E(k)	D(m)
		15°
1	129451	0.26
2	32363	0.53
3	14383	0.79
4	8091	1.05
5	5178	1.32



H(m)	E(k)	D(m)
		40°
1	19308	0.73
2	4827	1.46
3	2145	2.18
4	1207	2.91
5	772	3.64



Dimensions



Specifications

Power Consumption	144W	144W	144W
Luminous Flux	11808 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	4.5° /8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
8~12m Height Application
LED Flood Light**

FLM216

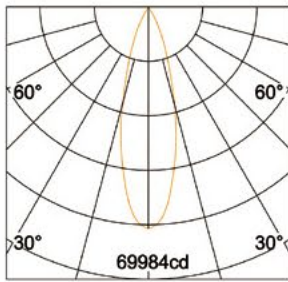
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

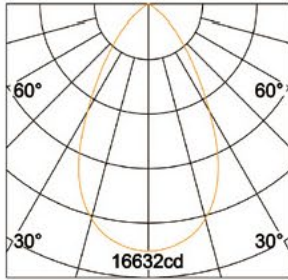
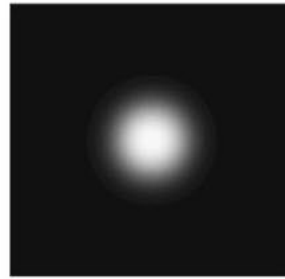


RAL7012 RAL9006 RAL9003

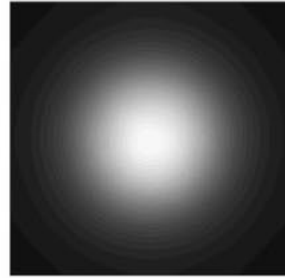




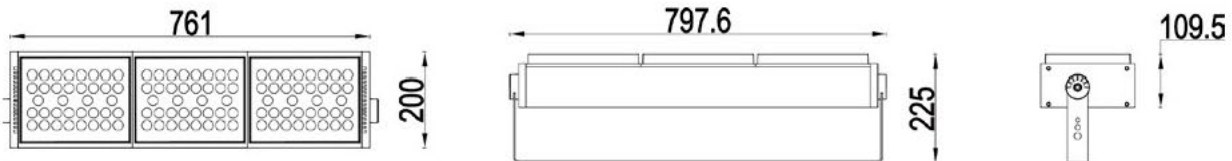
H (m)	E (lx)	D (m)
		30°
1	56932	0.54
2	14233	1.07
3	6326	1.61
4	3558	2.14
5	2277	2.68



H (m)	E (lx)	D (m)
		60°
1	15002	1.15
2	3751	2.31
3	1667	3.46
4	938	4.62
5	600	5.77



Dimensions



Specifications

Power Consumption	216W	216W	216W
Luminous Flux	17496 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	4.5° /8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
10~15m Height Application
LED Flood Light**

FLM288

Features

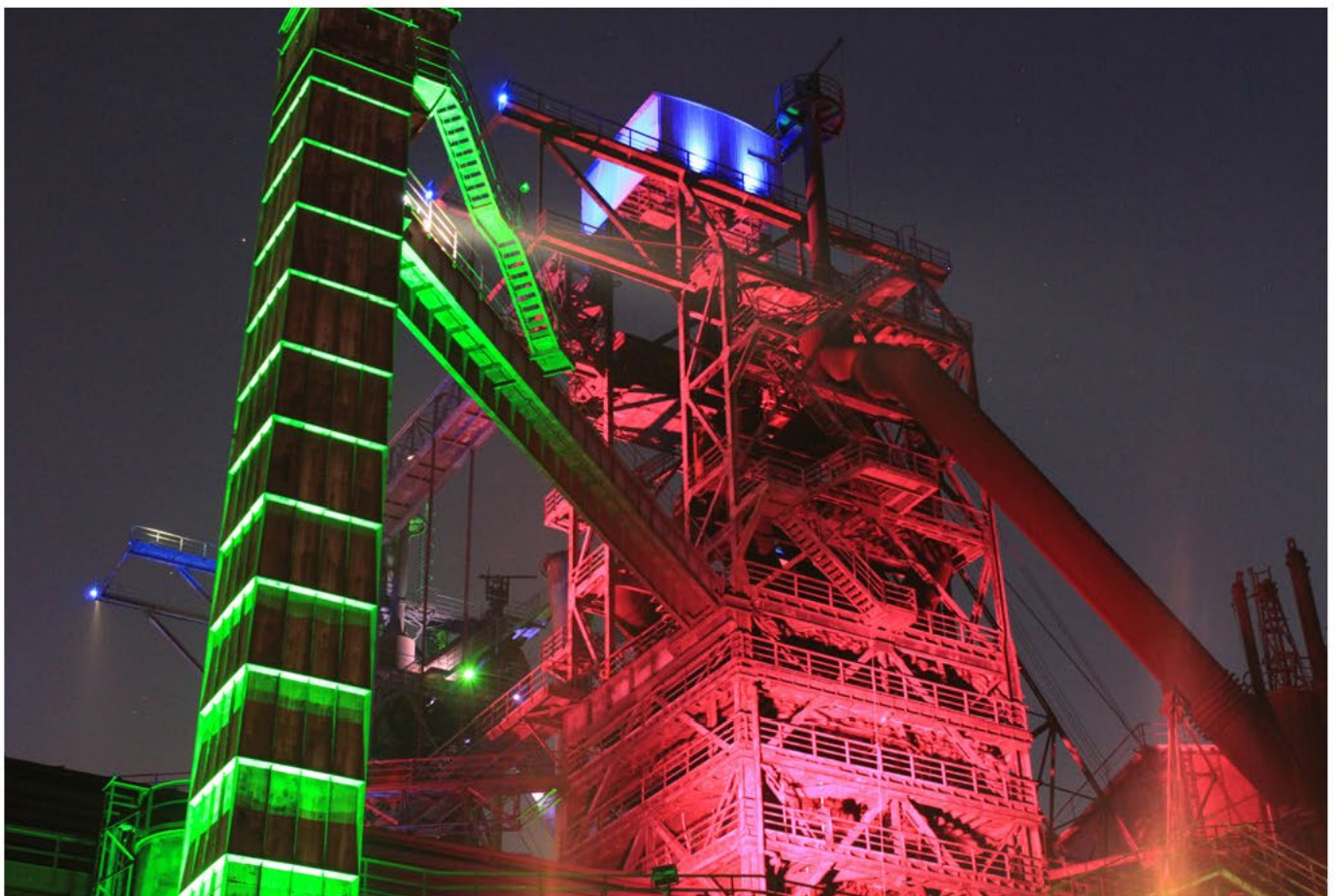
- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

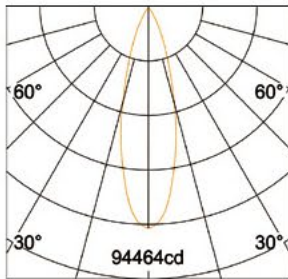


RAL7012

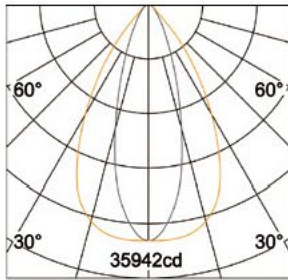
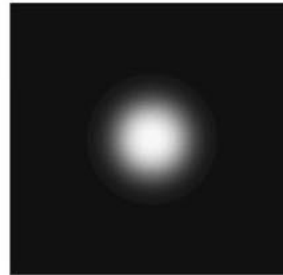
RAL9006

RAL9003

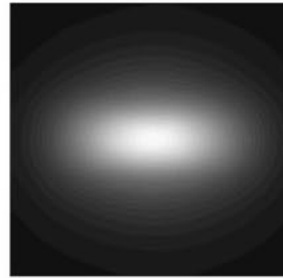




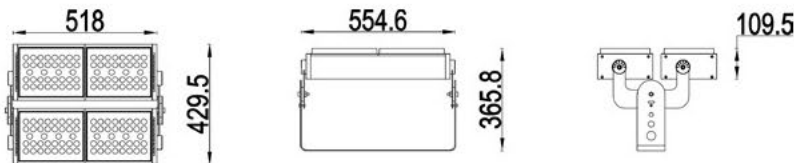
H (m)	E (lx)	D (m)
		30°
1	76846	0.54
2	19212	1.07
3	8538	1.61
4	4803	2.14
5	3074	2.68



H (m)	E (lx)	D (m)	C ₀	C ₉₀
			60°	30°
1	30955	1.15	0.54	
2	7739	2.31	1.07	
3	3439	3.46	1.61	
4	1935	4.62	2.14	
5	1238	5.77	2.68	



Dimensions



Specifications

Power Consumption	288W	288W	288W
Luminous Flux	23616 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	4.5° /8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
20~40m Height Application
LED Flood Light**

FLM432

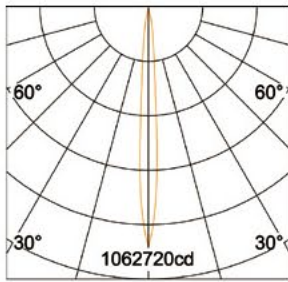
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

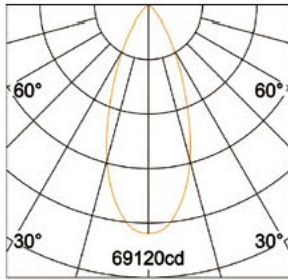
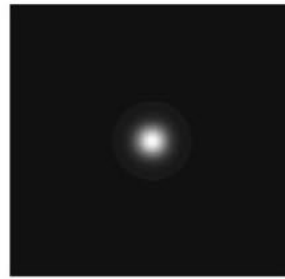


RAL7012 RAL9006 RAL9003





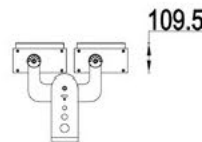
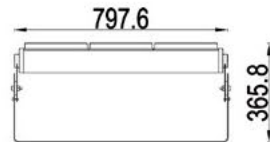
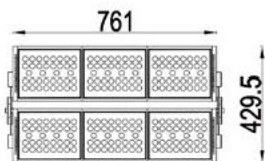
H(m)	E(k)	D(m)
		8°
1	939338	0.14
2	234835	0.28
3	104371	0.42
4	58709	0.56
5	37574	0.70



H(m)	E(k)	D(m)
		40°
1	57923	0.73
2	14481	1.46
3	6436	2.18
4	3620	2.91
5	2317	3.64



Dimensions



Specifications

Power Consumption	432W	432W	432W
Luminous Flux	35424 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	4.5° /8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
50~200m Height Application
LED Flood Light**

FLM648

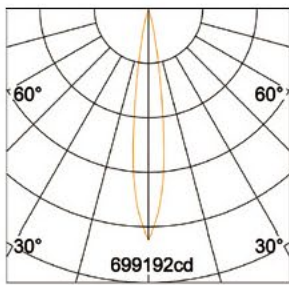
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

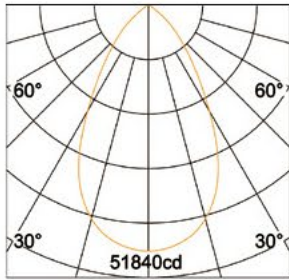
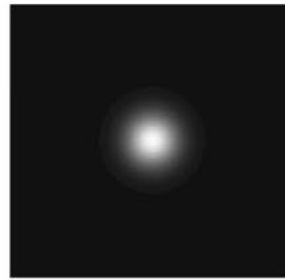


RAL7012 RAL9006 RAL9003

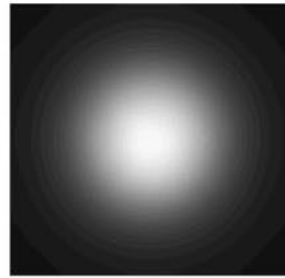




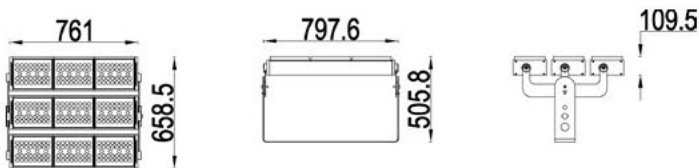
H(m)	E(lx)	D(m)
		15°
1	589634	0.26
2	147408	0.53
3	65515	0.79
4	36852	1.05
5	23585	1.32



H(m)	E(lx)	D(m)
		60°
1	46760	1.15
2	11690	2.31
3	5196	3.46
4	2922	4.62
5	1870	5.77



Dimensions



Specifications

Power Consumption	648W	648W	648W
Luminous Flux	53784 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	4.5° /8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
6~10m Height Application
LED Flood Light**

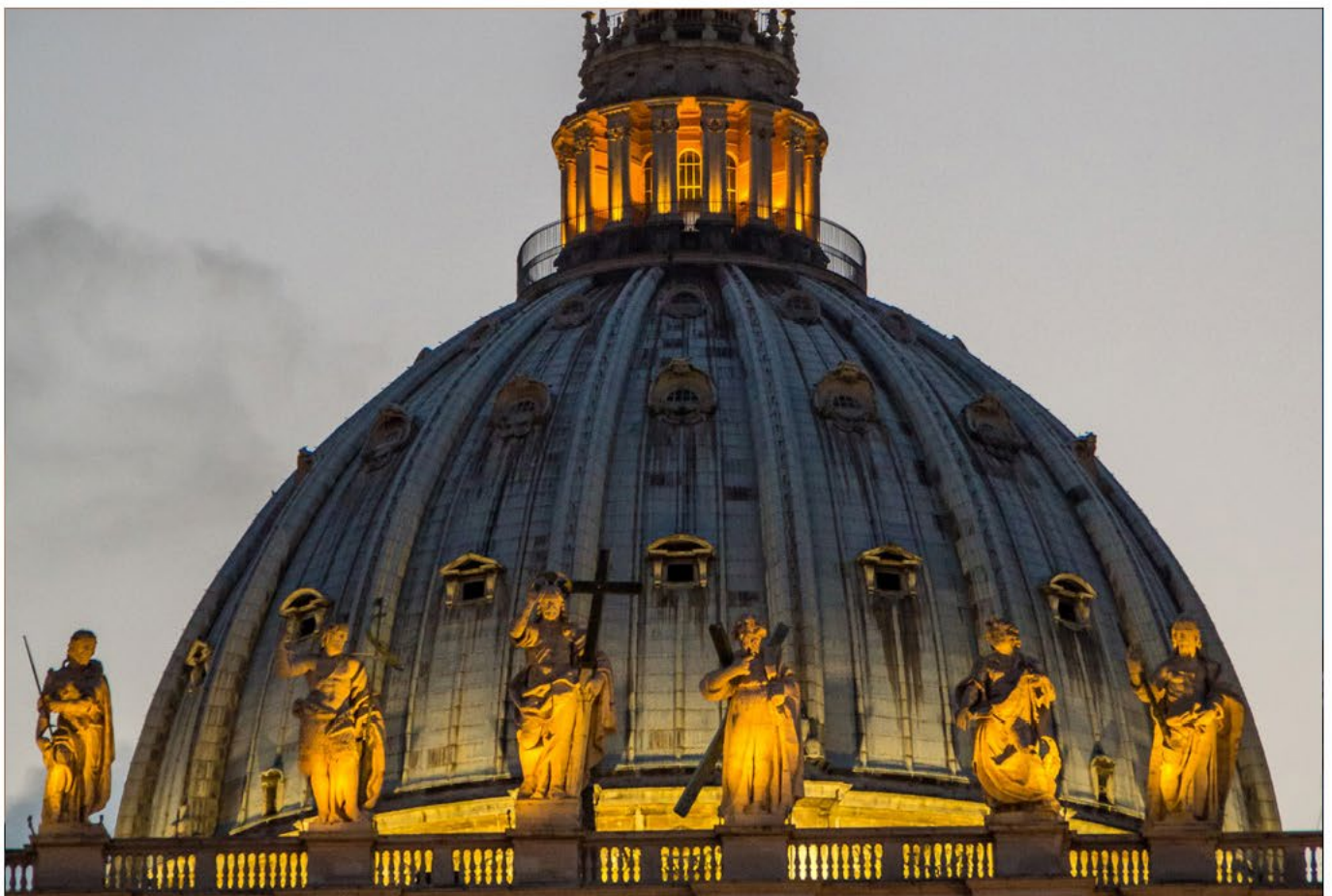
FLX120

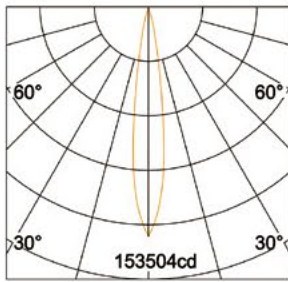
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

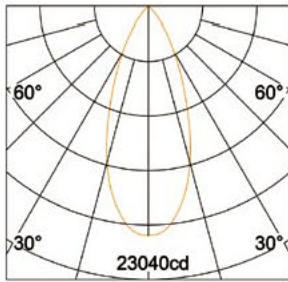
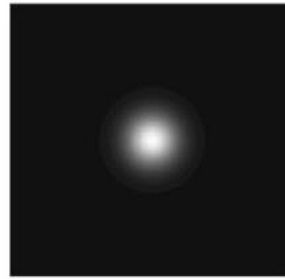


RAL7012 RAL9006 RAL9003

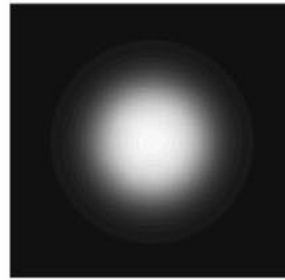




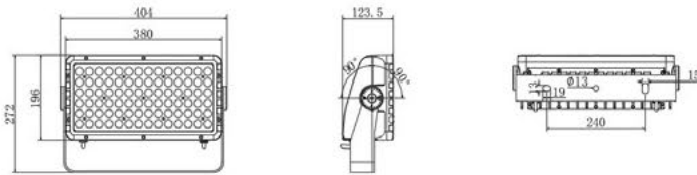
H (m)	E (lx)	D (m)
		15°
1	129451	0.26
2	32363	0.53
3	14383	0.79
4	8091	1.05
5	5178	1.32



H (m)	E (lx)	D (m)
		40°
1	19308	0.73
2	4827	1.46
3	2145	2.18
4	1207	2.91
5	772	3.64



Dimensions



Specifications

Power Consumption	120W	120W	120W
Luminous Flux	9838 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
8~12m Height Application
LED Flood Light**

FLX240

Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

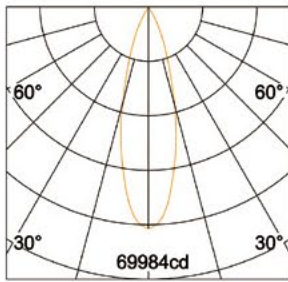


RAL7012

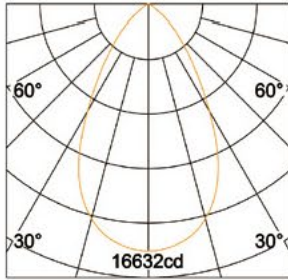
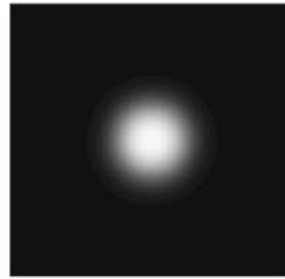
RAL9006

RAL9003

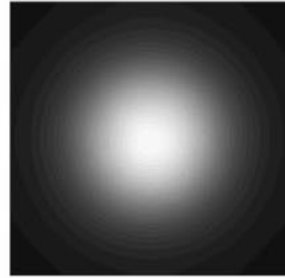




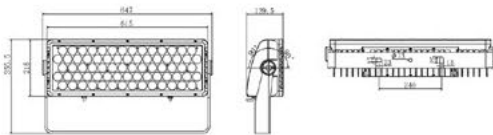
H (m)	E (lx)	D (m)
		30°
1	56932	0.54
2	14233	1.07
3	6326	1.61
4	3558	2.14
5	2277	2.68



H (m)	E (lx)	D (m)
		60°
1	15002	1.15
2	3751	2.31
3	1667	3.46
4	938	4.62
5	600	5.77



Dimensions



Specifications

Power Consumption	240W	240W	240/300W
Luminous Flux	19680 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
10~18m Height Application
LED Flood Light**

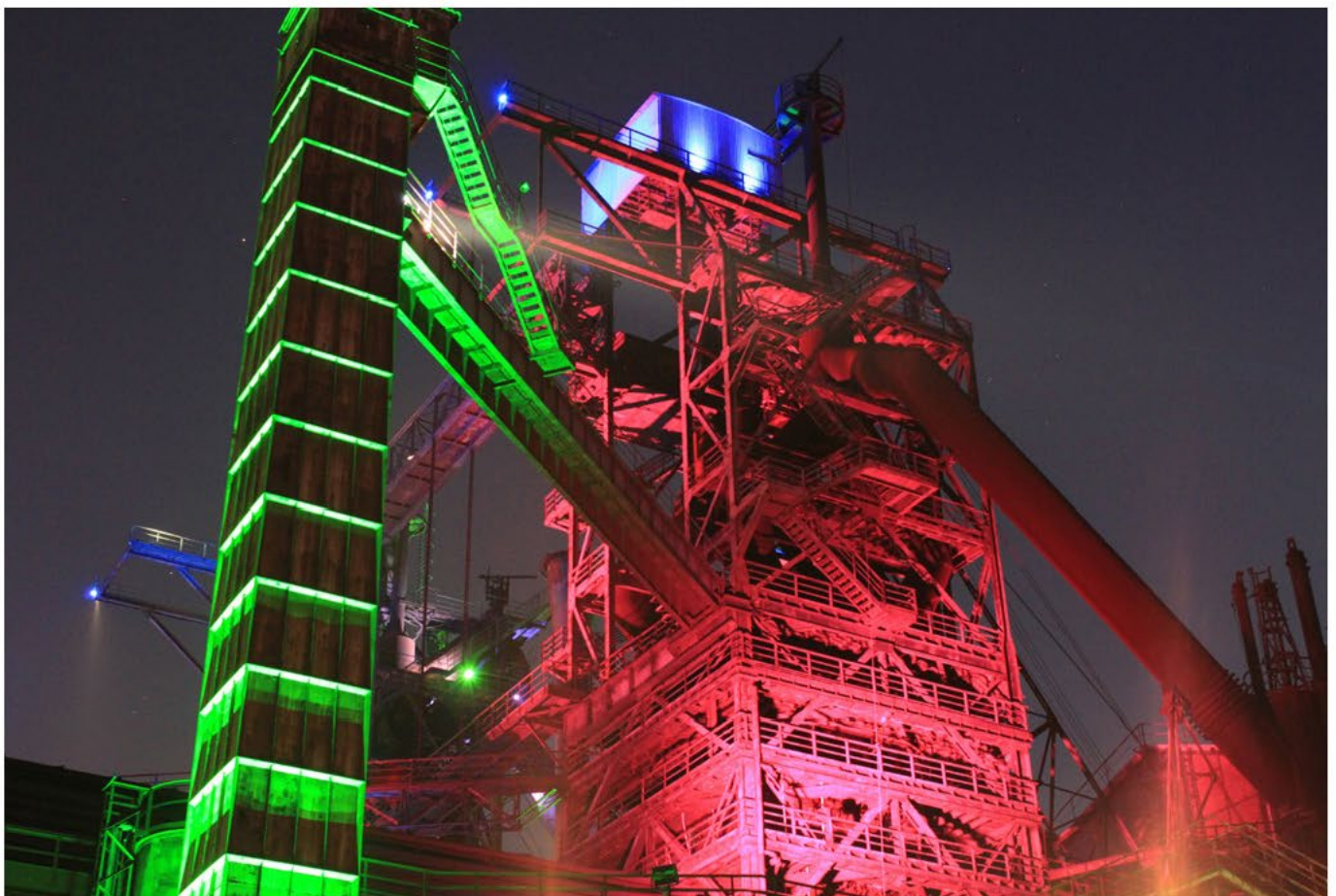
FLX300

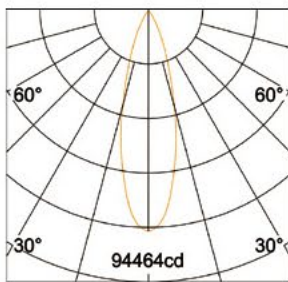
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

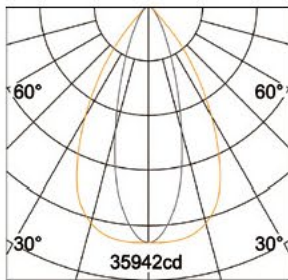


RAL7012 RAL9006 RAL9003

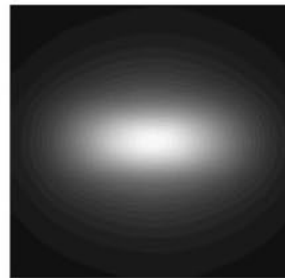




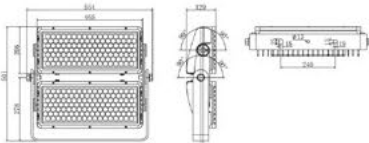
H (m)	E (lx)	D (m)
		30°
1	76846	0.54
2	19212	1.07
3	8538	1.61
4	4803	2.14
5	3074	2.68



H (m)	E (lx)	D (m)	C0	C90
			60°	30°
1	30955	1.15	0.54	
2	7739	2.31	1.07	
3	3439	3.46	1.61	
4	1935	4.62	2.14	
5	1238	5.77	2.68	



Dimensions



Specifications

Power Consumption	300W	300W/400W	300W/400W
Luminous Flux	24600 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Modular
20~50m Height Application
LED Flood Light**

FLX500

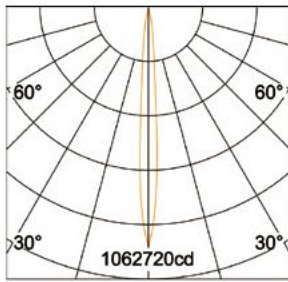
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Thermoelectric separation integrated structure design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

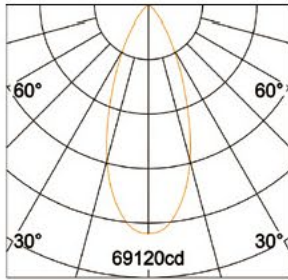
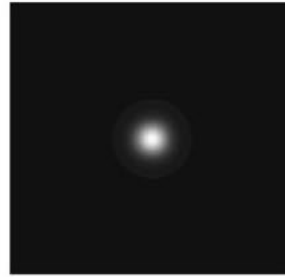


RAL7012 RAL9006 RAL9003





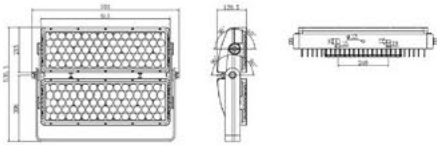
H (m)	E (lx)	D (m)
		8°
1	939338	0.14
2	234835	0.28
3	104371	0.42
4	58709	0.56
5	37574	0.70



H (m)	E (lx)	D (m)
		40°
1	57923	0.73
2	14481	1.46
3	6436	2.18
4	3620	2.91
5	2317	3.64



Dimensions



Specifications

Power Consumption	500W	560W/680W	560W/680W
Luminous Flux	41000 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /40° /60° /80° /30*60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	AC220V		
Protection Class IEC	I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



— Light is the sleeping magma, waiting for the volcano to illuminate the darkness.



- Inground Lights, mainly refers to the floodlight embedded under the horizontal plane, And Inground Light are mainly used for exterior architectural facade lighting and landscape lighting, including lighting for single buildings, historic buildings, green landscape, cultural and artistic facilities, and architecture with other styles. ToyoShine's product line is designed in a minimalistic and exquisite style, covering 12W to 36W for a variety of lighting applications.

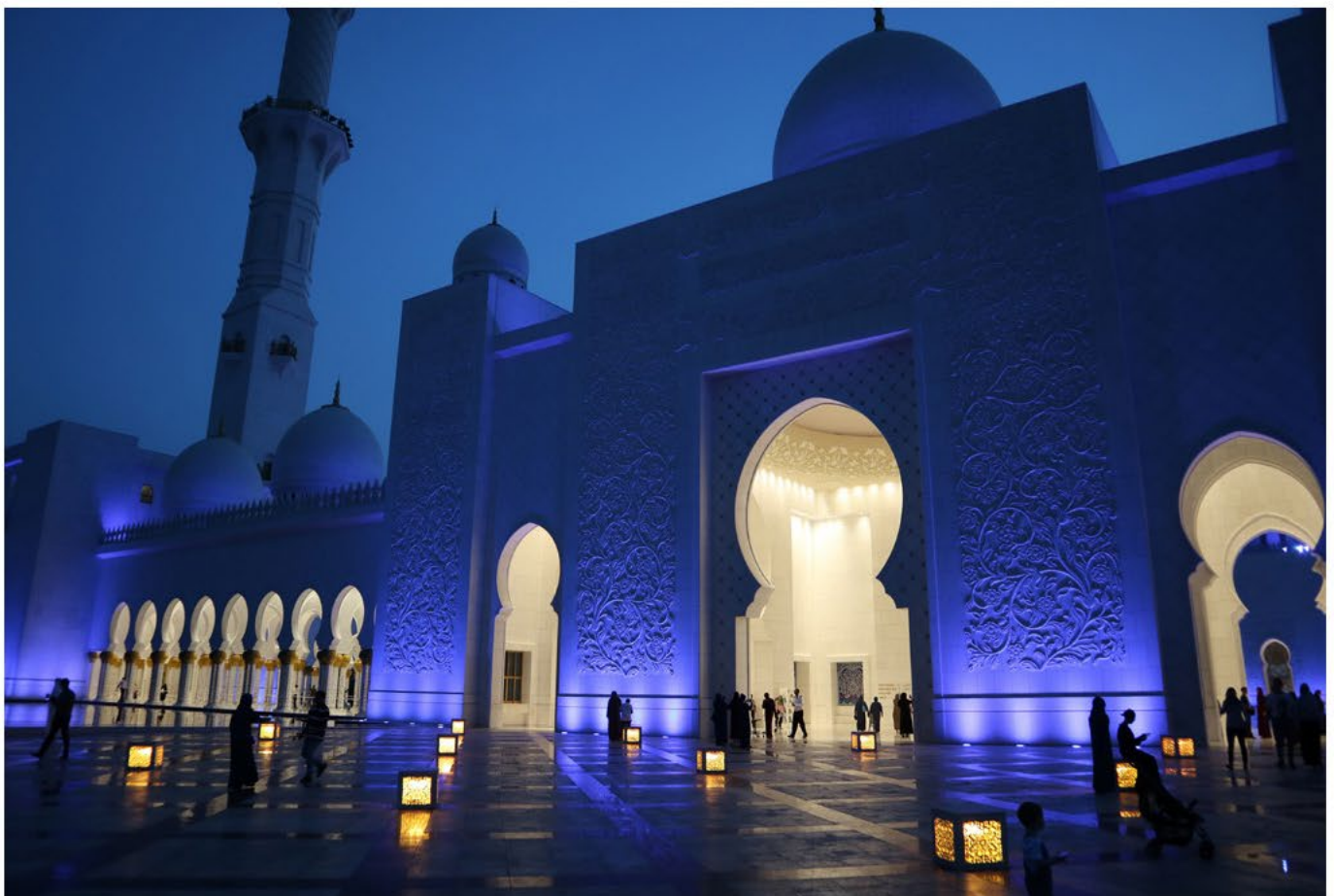


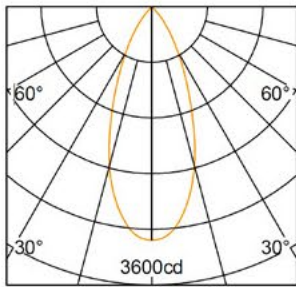
**Minimalistic and Tuff
1~3m Height Application
LED Inground Light**

IGF2024

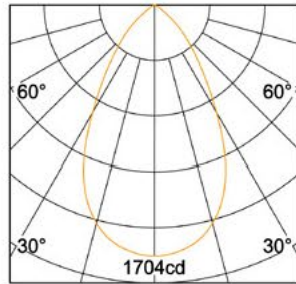
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.

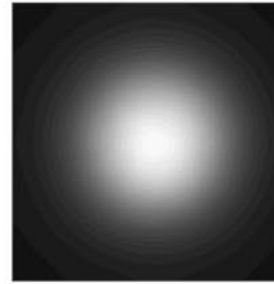




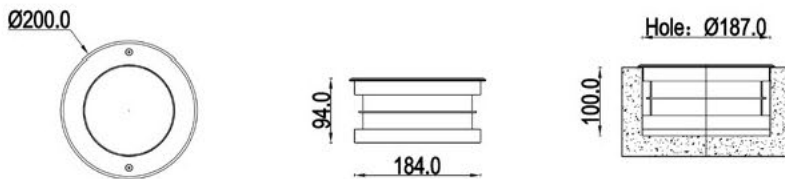
H (m)	E (lx)	D (m)
		45°
1	3107	0.83
2	754	1.66
3	335	2.48
4	189	3.31
5	121	4.14



H (m)	E (lx)	D (m)
		60°
1	1537	1.15
2	384	2.31
3	171	3.46
4	96	4.62
5	61	5.77



Dimensions



Specifications

Power Consumption	24W	24W	24W
Luminous Flux	1800 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	15° /23° /30° /45° /60° /18*43°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / AC220V		
Protection Class IEC	III/I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Die cast aluminum ADC12		
Cover	304 Stainless steel+Toughened glass		
IP Rating	IP67		
IK Rating	IK10		
Mounting	Installation of embedded parts		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Tuff
3~5m Height Application
LED Inground Light**

IGF2536

Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- Intelligent stepless dimming technology adopted.



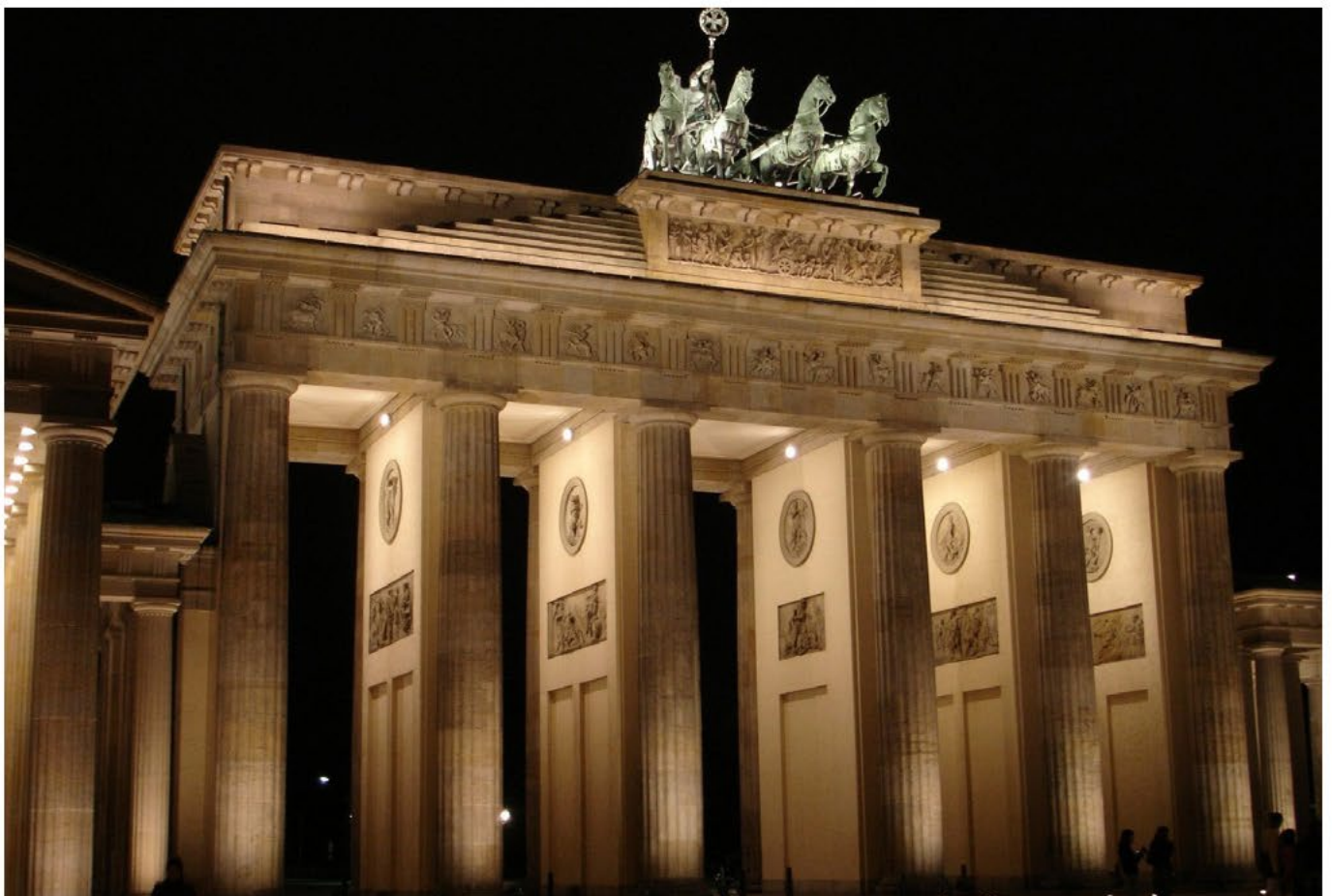
RAL7012

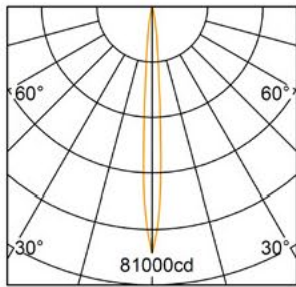


RAL9006

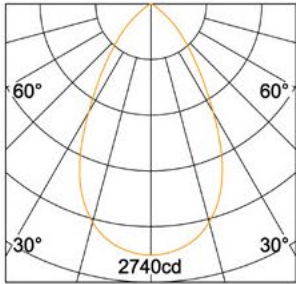
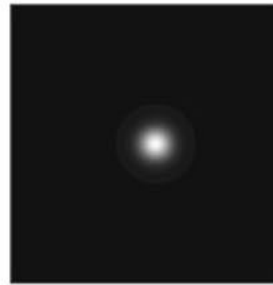


RAL9003

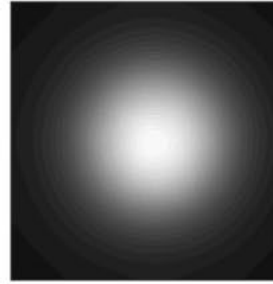




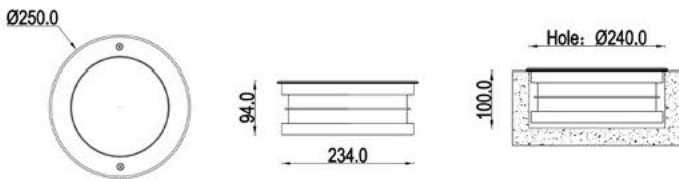
H (m)	E (lx)	D (m)
		8°
1	71596	0.14
2	17899	0.28
3	7955	0.42
4	4475	0.56
5	2864	0.70



H (m)	E (lx)	D (m)
		60°
1	2471	1.15
2	618	2.31
3	275	3.46
4	154	4.62
5	99	5.77

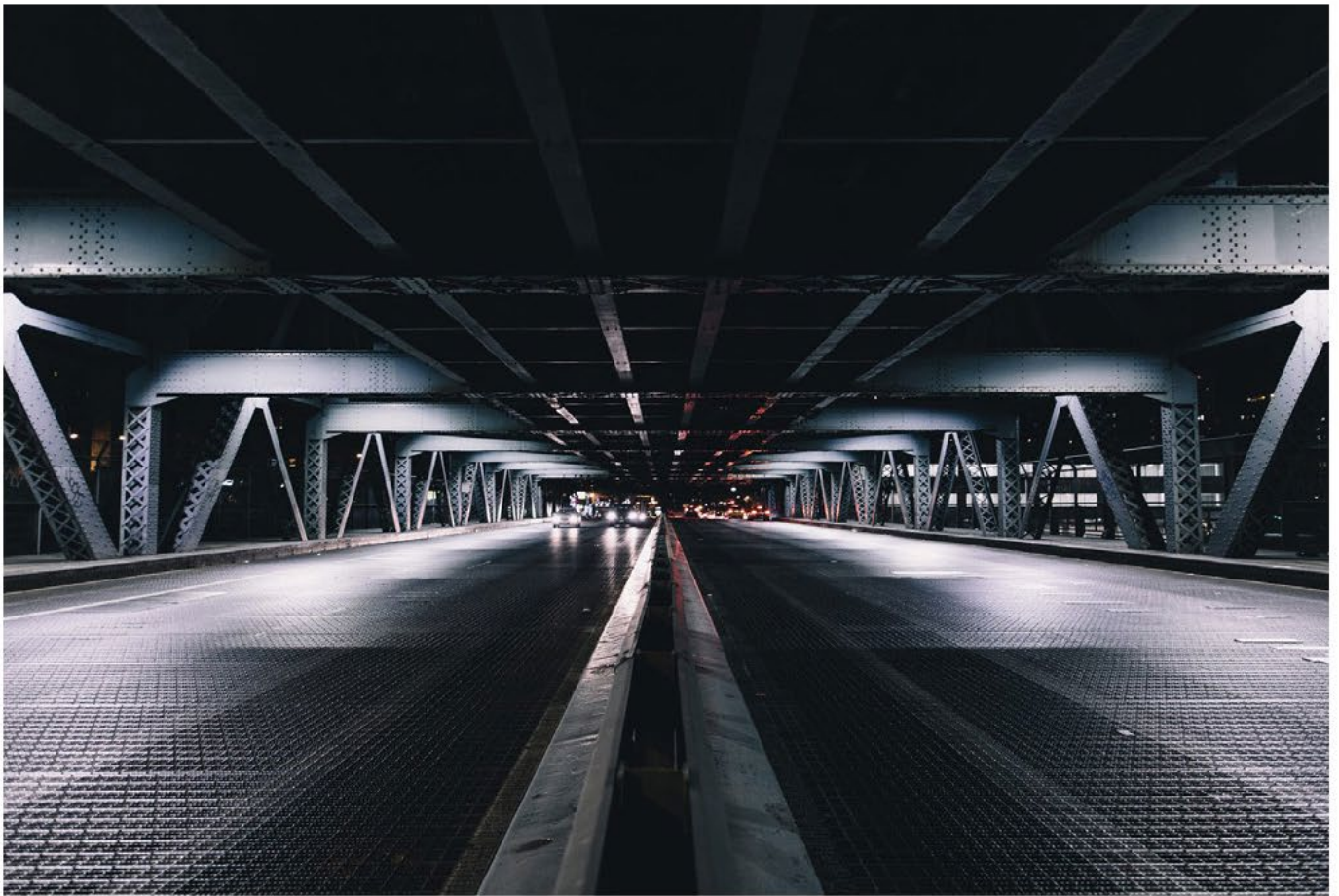


Dimensions



Specifications

Power Consumption	36W	36W	36W
Luminous Flux	2700 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /15° /30° /45° /60°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / AC220V		
Protection Class IEC	III/I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Die cast aluminum ADC12		
Cover	304 Stainless steel+Toughened glass		
IP Rating	IP67		
IK Rating	IK10		
Mounting	Installation of embedded parts		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



— Light is a vague memory, like a train passing through a tunnel, moving away.



- Wall washer lights, also known as linear flood lights, are mostly used for continuous lighting applications where the illuminated surface is less than 20m high and the installation position is less than 0.5m high. Wall washer lights are mainly used in continuous wall grazing and dynamic lighting of buildings, green landscapes, cultural and artistic facilities. ToyoShine's product line is designed in a minimalistic and exquisite style, covering 12W to 100W for a variety of lighting applications with multiple illuminated surface height.



**Minimalistic and Elegant
0.5~1m Height Application
LED Wall Washer Light**

WWL2612

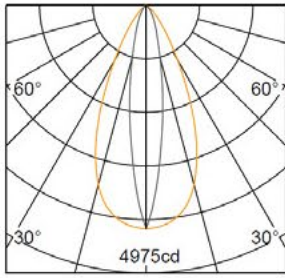
Features

- Minimalistic appearance design
- Cost-effective product
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Optical dark-free zone design for seamless splicing of light.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.

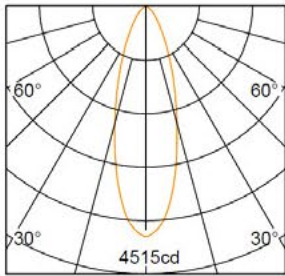
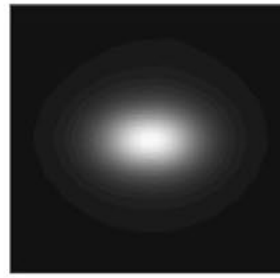


RAL7012 RAL9006 RAL9003

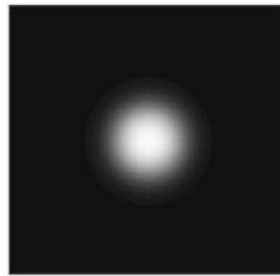




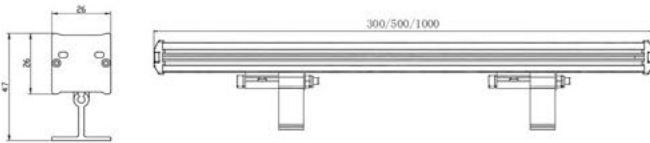
H (m)	E (lx)	D (m)	
		C ₀	C ₉₀
		40°	20°
1	4146	0.73	0.35
2	1037	1.46	0.71
3	461	2.18	1.06
4	259	2.96	1.41
5	166	3.64	1.76



H (m)	E (lx)	D (m)	
		30°	
1	3883	0.54	
2	971	1.61	
3	431	2.14	
4	243	2.68	
5	155	3.22	



Dimensions



Specifications

Power Consumption	12W	12W	15W
Luminous Flux	980 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	17° /23° /33° /46° /15*40° /25*80°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Elegant
0.5~2m Height Application
LED Wall Washer Light**

WWL2924

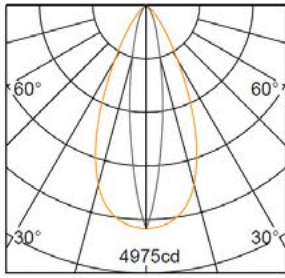
Features

- Minimalistic appearance design
- Cost-effective product
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Optical dark-free zone design for seamless splicing of light.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.

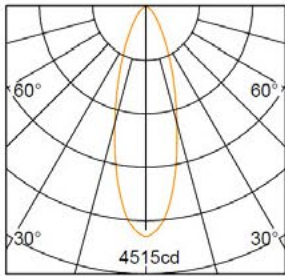
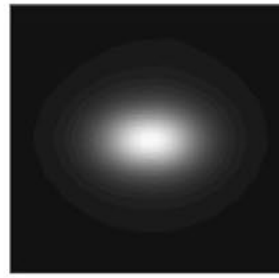


RAL7012 RAL9006 RAL9003

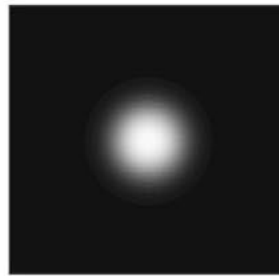




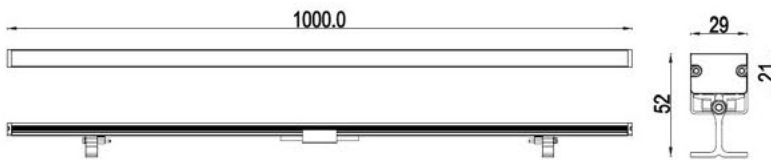
H (m)	E (lx)	D (m)	
		C ₀	C ₉₀
		40°	20°
1	4146	0.73	0.35
2	1037	1.46	0.71
3	461	2.18	1.06
4	259	2.96	1.41
5	166	3.64	1.76



H (m)	E (lx)	D (m)	
		C ₀	C ₉₀
		30°	
1	3883	0.54	
2	971	1.61	
3	431	2.14	
4	243	2.68	
5	155	3.22	



Dimensions



Specifications

Power Consumption	24W	12W	15W
Luminous Flux	1920 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	17° /23° /33° /46° /20*40° /25*80°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Portable
2~4m Height Application
LED Wall Washer Light**

WWL3736

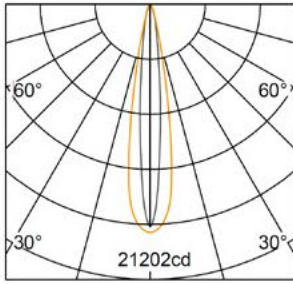
Features

- Minimalistic appearance design
- Cost-effective product
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Optical dark-free zone design for seamless splicing of light.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.

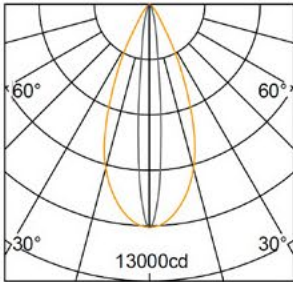
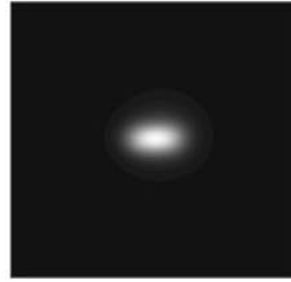


RAL7012 RAL9006 RAL9003

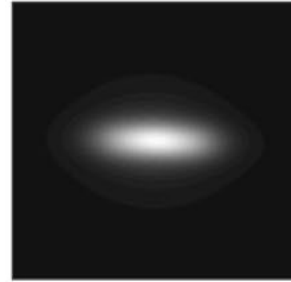




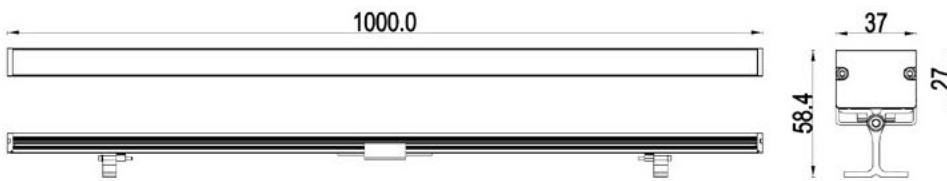
H (m)	E (lx)	D (m)	
		C ₀	C ₉₀
		20°	12°
1	17572	0.35	0.21
2	4393	0.71	0.42
3	1952	1.06	0.63
4	1098	1.41	0.84
5	703	1.76	1.05



H (m)	E (lx)	D (m)	
		C ₀	C ₉₀
		45°	12°
1	10468	0.83	0.21
2	2617	1.66	0.42
3	1163	2.49	0.63
4	654	3.31	0.84
5	419	4.14	1.05



Dimensions



Specifications

Power Consumption	36W	36W	36W
Luminous Flux	2700 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	8° /12° /17° /30° /45° /60° /80° /12*20° /12*45°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Elegant
0.5~2m Height Application
LED Wall Washer Light**

WWL2824

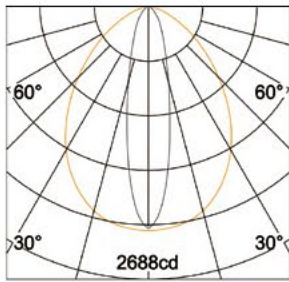
Features

- Minimalistic appearance design
- Thermoelectric separation integrated structure design.
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Optical dark-free zone design for seamless splicing of light.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.

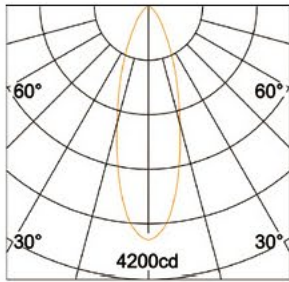
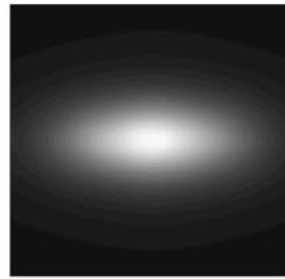


RAL7012 RAL9006 RAL9003

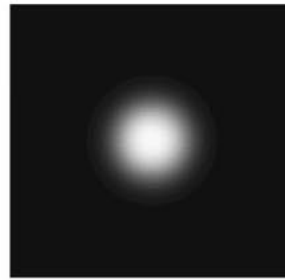




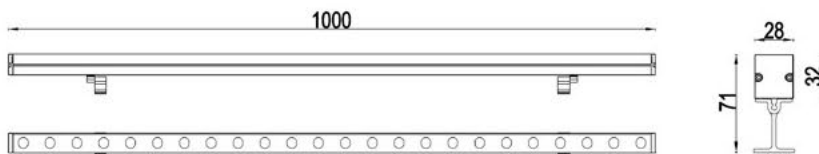
H(m)	E(lx)	D(m)	
		C ₀	C ₉₀
		80°	25°
1	2208	1.68	0.44
2	552	3.36	0.89
3	245	5.03	1.33
4	138	6.71	1.77
5	88	8.39	2.22



H(m)	E(lx)	D(m)	
		C ₀	C ₉₀
		30°	
1	3624	0.54	
2	906	1.61	
3	403	2.14	
4	226	2.68	
5	145	3.22	



Dimensions



Specifications

Power Consumption	24W	24W	24W
Luminous Flux	1920 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	17° /23° /33° /46° /20*40° /25*80°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Artistic
0.5~2m Height Application
LED Wall Washer Light**

WWL3524

Features

- Minimalistic appearance design
- High-precision vents for greater performance, increased durability, and higher reliability.
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Optical dark-free zone design for seamless splicing of light.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.



RAL7012

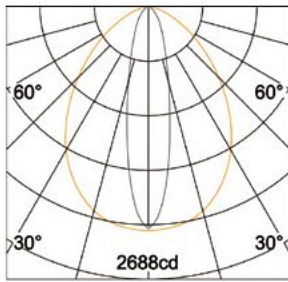


RAL9006

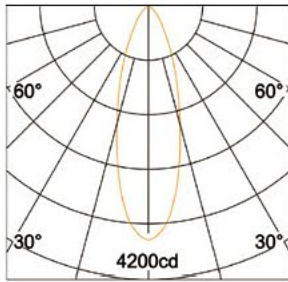
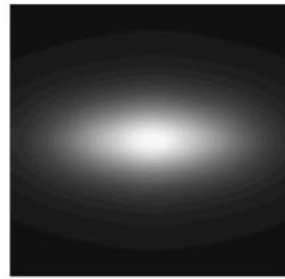


RAL9003

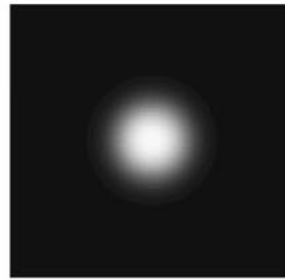




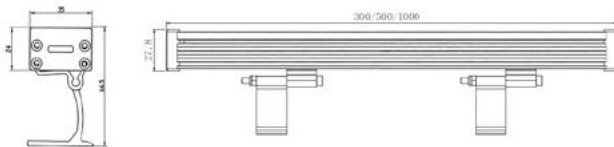
H(m)	E(lx)	D(m)	
		C ₀	C ₉₀
		80°	25°
1	2208	1.68	0.44
2	552	3.36	0.89
3	245	5.03	1.33
4	138	6.71	1.77
5	88	8.39	2.22



H(m)	E(lx)	D(m)	
		C ₀	C ₉₀
		30°	
1	3624	0.54	
2	906	1.61	
3	403	2.14	
4	226	2.68	
5	145	3.22	



Dimensions



Specifications

Power Consumption	24W	24W	24W
Luminous Flux	1920 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	17° /23° /33° /46° /15*40° /25*80°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Low-glare
3~6m Height Application
LED Wall Washer Light**

WWL4048

Features

- Minimalistic appearance design
- High-precision vents for greater performance, increased durability, and higher reliability.
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Optical dark-free zone design for seamless splicing of light.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.

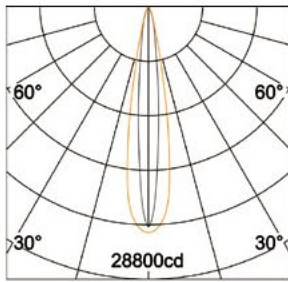


RAL7012

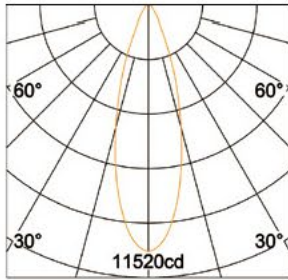
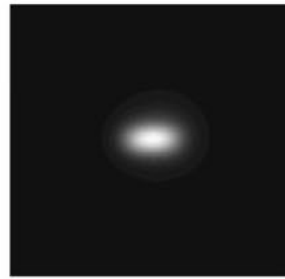
RAL9006

RAL9003

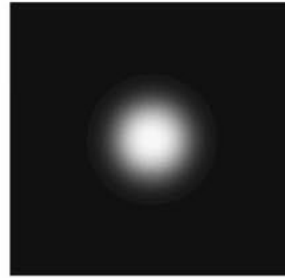




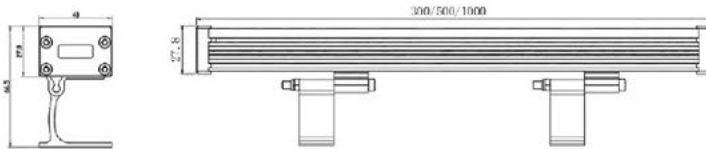
H(m)	E(lx)	D(m)	
		C0	C90
		20°	12°
1	23872	0.35	0.21
2	5968	0.71	0.42
3	2652	1.06	0.63
4	1492	1.41	0.84
5	955	1.76	1.05



H(m)	E(lx)	D(m)	
		C0	C90
		30°	
1	10414	0.54	
2	2604	1.07	
3	1157	1.61	
4	651	2.14	
5	417	2.68	

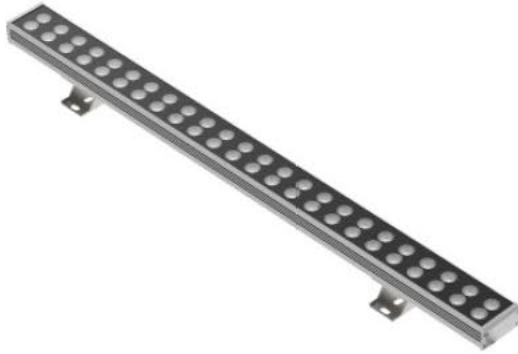


Dimensions



Specifications

Power Consumption	36W/48W	36W/48W	36W/48W
Luminous Flux	3840 lm @4000K 48W		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	10° /15° /30° /45° /60° /80° /12*20° /12*45°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / AC220V		
Protection Class IEC	III/I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Low-glare
5~8m Height Application
LED Wall Washer Light**

WWL6572

Features

- Minimalistic appearance design
- High-precision vents for greater performance, increased durability, and higher reliability.
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Humanized anti-glare optical design.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.

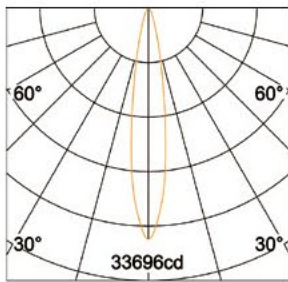


RAL7012

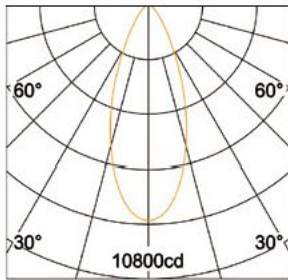
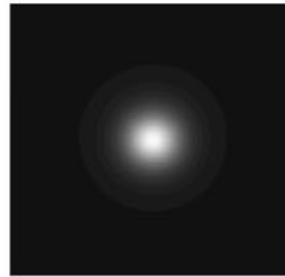
RAL9006

RAL9003

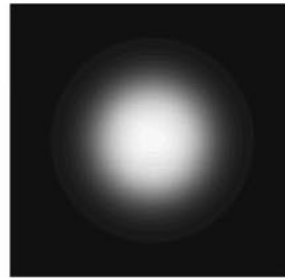




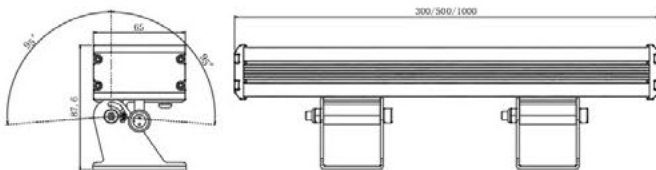
H(m)	E(lx)	D(m)
		17°
1	28569	0.30
2	7142	0.60
3	3174	0.90
4	1786	1.20
5	1143	1.49



H(m)	E(lx)	D(m)
		40°
1	8489	0.73
2	2122	1.46
3	943	2.18
4	531	2.91
5	340	3.64



Dimensions

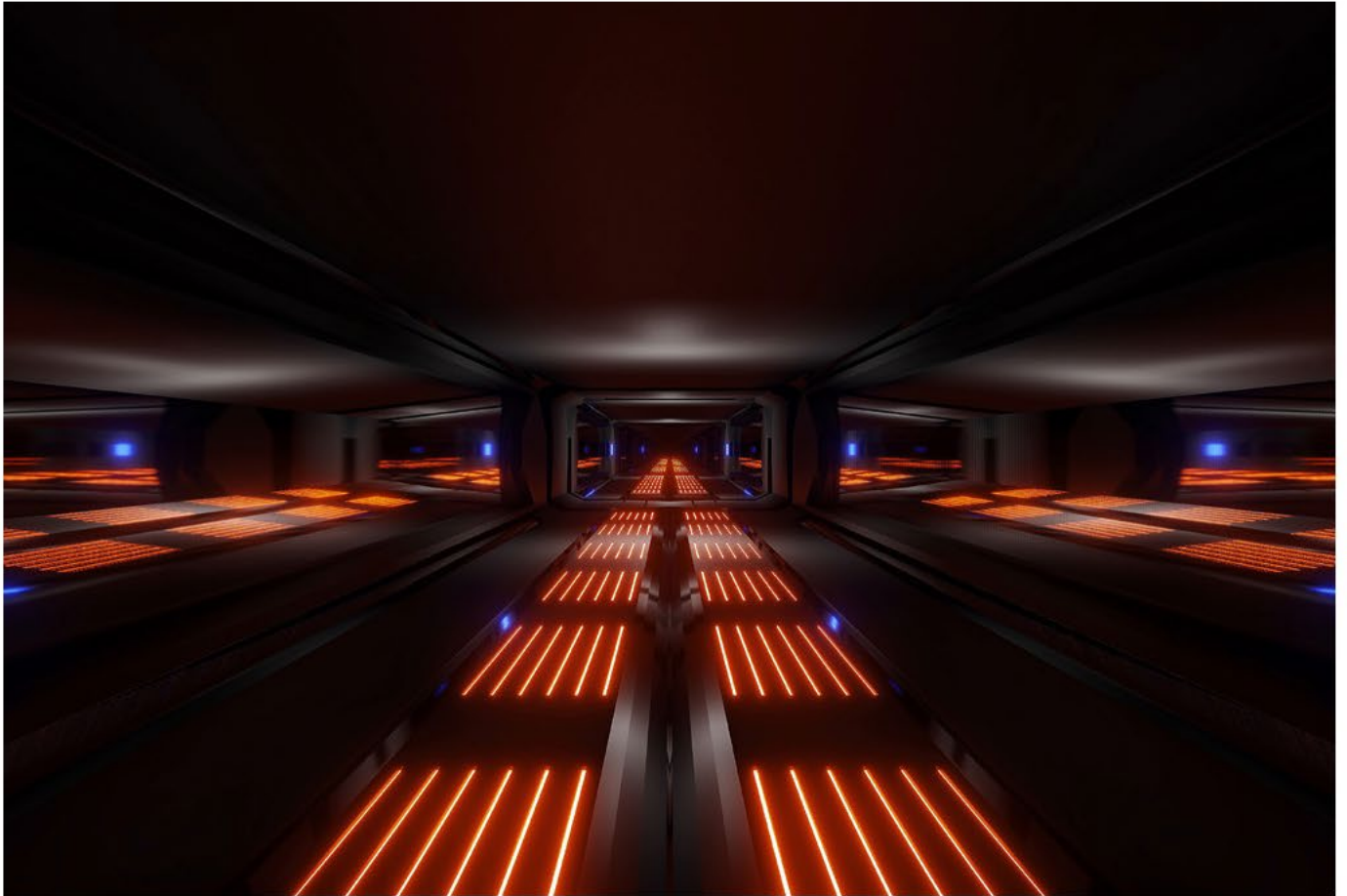


Specifications

Power Consumption	72W	72W	72W
Luminous Flux	5184 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	4.5° /10° /15° /30° /45° /60° /80° /12*45°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / AC220V		
Protection Class IEC	III/I		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



— Light is the flowing line lead us forward courageously.



- Line lights mainly refer to the direct vision linear multi-pixel luminaires with less than 20 watts per meter, mostly used for the outline lighting of the building, or large building's media facade lighting of long-distance viewing. ToyoShine's product line covers width from 16mm to 30mm, to meet the application needs of different installation conditions.



**Minimalistic and Ultra-narrow
Media Facade Application
LED Linear Light**

LL16

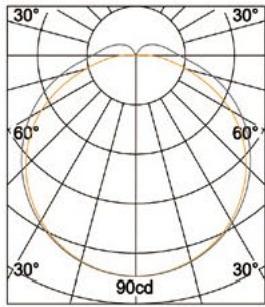
Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant PC diffuser.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

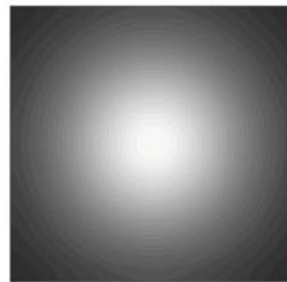


RAL7012 RAL9006 RAL9003

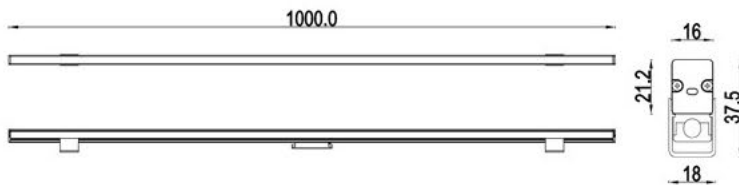




H(m)	E(k)	D(m)
		130°
1	80	4.29
2	20	8.58
3	9	12.87
4	5	17.16
5	3	21.45



Dimensions



Specifications

Power Consumption	12W	12W	15W
Luminous Flux	300 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	130°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Pixel	8		
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		

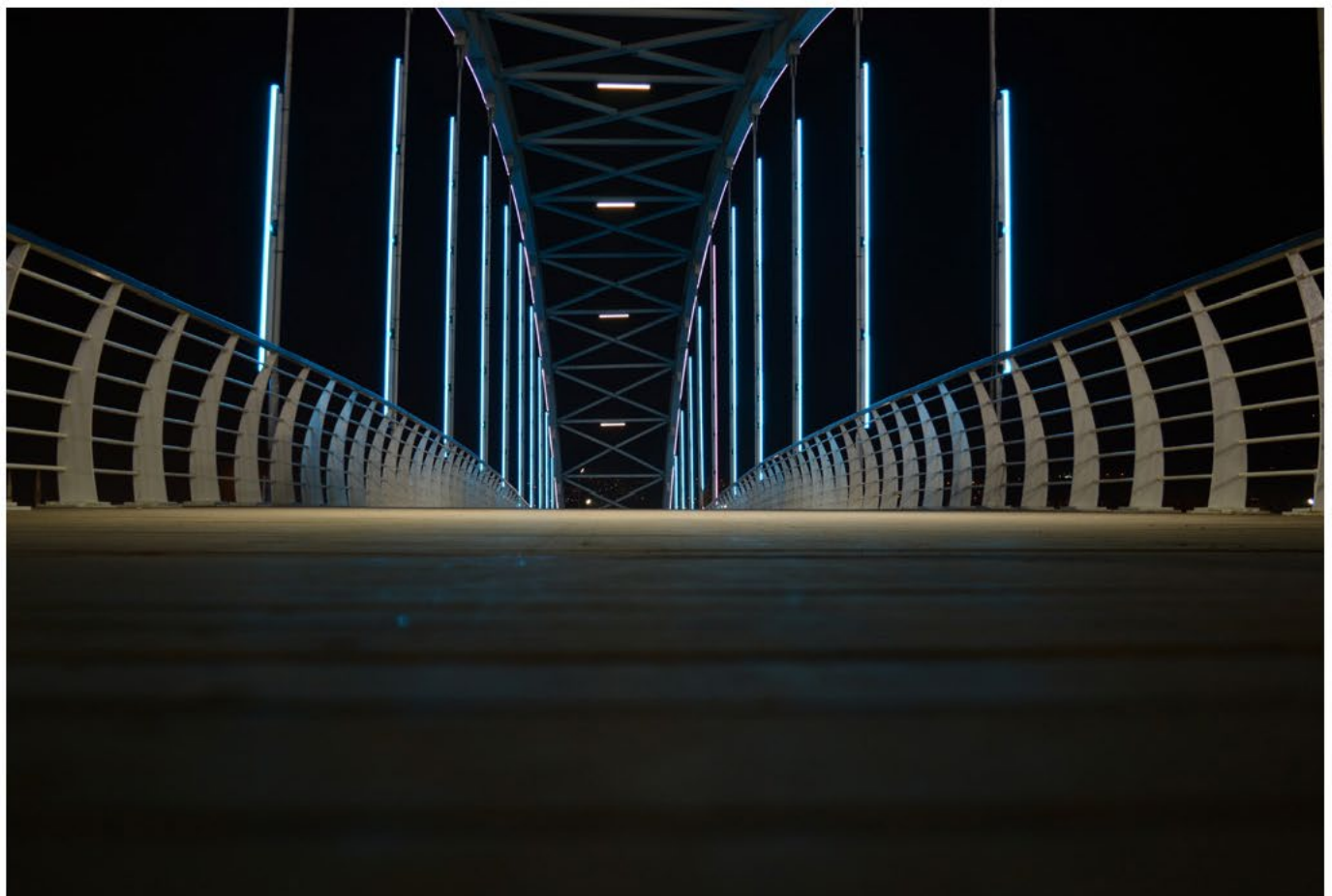


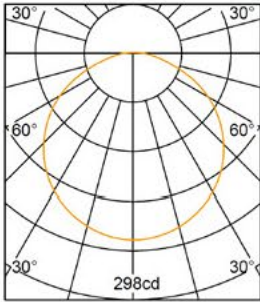
**Minimalistic and Uniform Light
Media Facade Application
LED Linear Light**

LL22

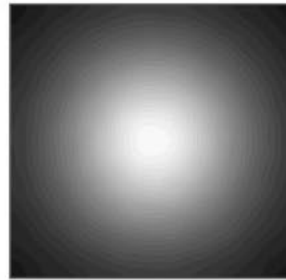
Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

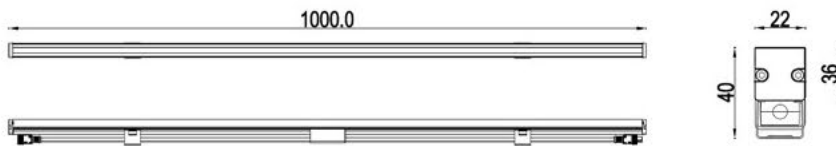




H (m)	E (lx)	D (m)
		120°
1	228	3.46
2	57	6.93
3	25	10.39
4	14	13.86
5	9	17.32



Dimensions



Specifications

Power Consumption	12W / 16W
Luminous Flux	480 lm @4000K
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K
Beam Angle (50%Imax)	120°
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS
Input Voltage	DC24V
Protection Class IEC	III
Control	DMX/ ON-OFF
Pixel	12
Finish	Powder coating/Anodizing
Housing	Extruded aluminum 6063
Cover	Toughened glass
IP Rating	IP66
IK Rating	IK06
Mounting	Buckle
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)
Lifespan	>50,000Hrs (Ta=35° C@L70)
Certificate	CE / RoHS



**Wide Visual Angle
Media Facade Application
LED Linear Light**

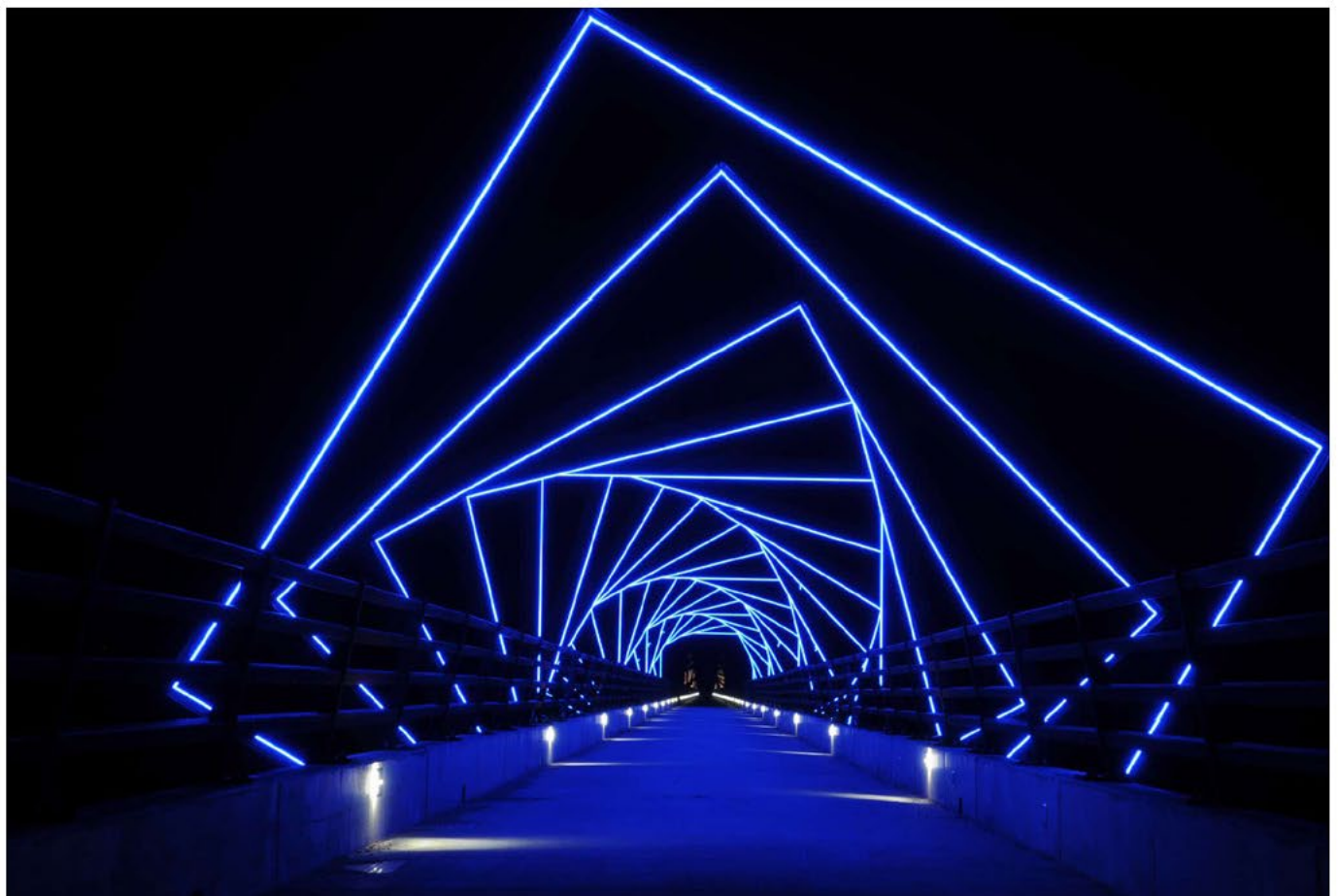
LL25

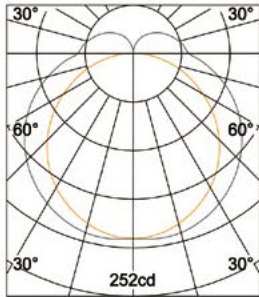
Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant PMMA diffuser.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

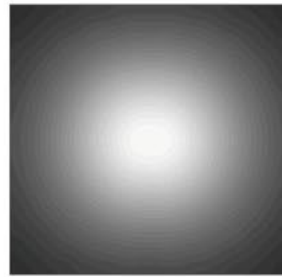


RAL7012 RAL9006 RAL9003

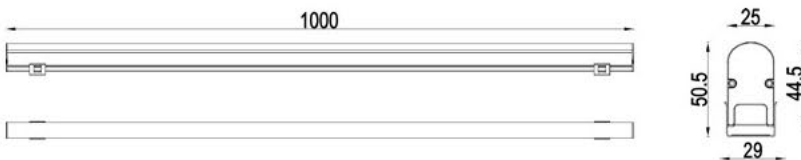




H (m)	E (lx)	D (m)
		150°
1	192	7.64
2	48	14.93
3	21	22.39
4	12	29.86
5	8	37.32



Dimensions



Specifications

Power Consumption	12W	12W	15W
Luminous Flux	840 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	150°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Pixel	8		
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	High strength opticalPMMA		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



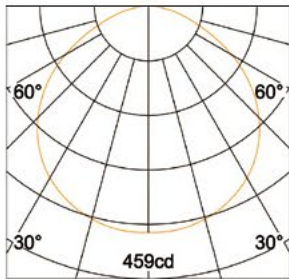
**Minimalistic and High-brightness
Media Facade Application
LED Linear Light**

LL28

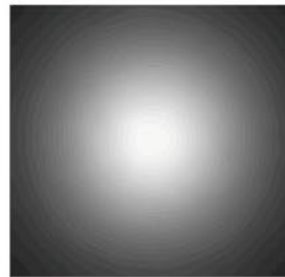
Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant PMMA diffuser.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

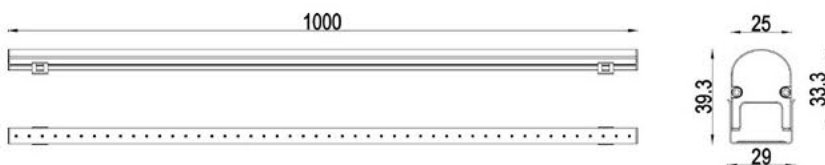




H(m)	E(k)	D(m)
		110°
1	380	2.86
2	95	5.71
3	42	8.57
4	24	11.43
5	15	14.28



Dimensions



Specifications

Power Consumption	12W	12W	15W
Luminous Flux	1020 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Pixel	8		
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	High strength opticalPMMA		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		

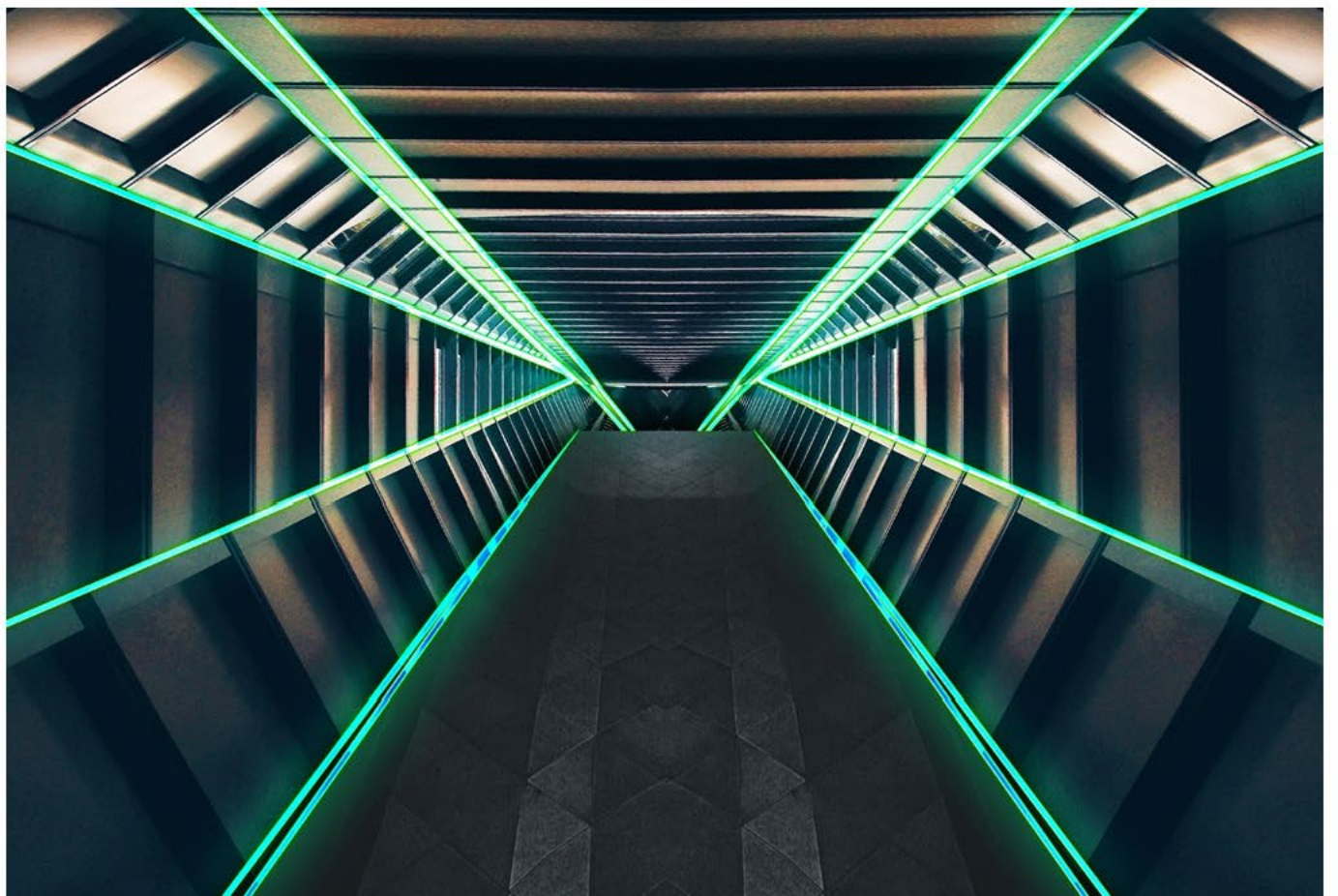


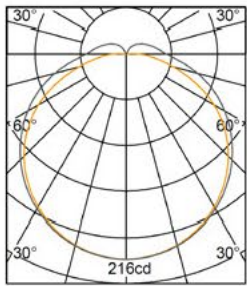
**Minimalistic and Uniform Light
Media Facade Application
LED Linear Light**

LL28H

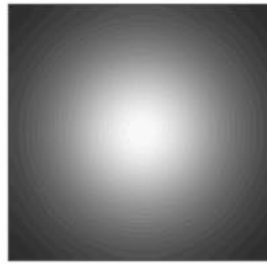
Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant PC diffuser.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

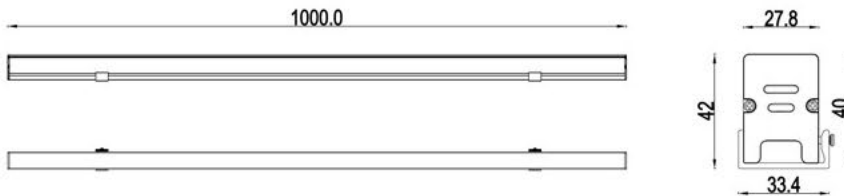




H (m)	E (lx)	D (m)
		130°
1	193	4.29
2	48	8.58
3	21	12.87
4	12	17.16
5	8	21.45



Dimensions



Specifications

Power Consumption	12W	12W	15W
Luminous Flux	720 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	130°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Pixel	8		
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Wide Visual Angle
Media Facade Application
LED Linear Light**

LL30

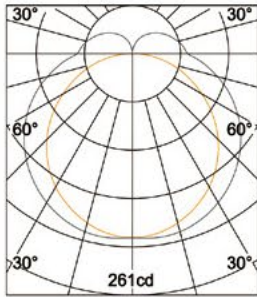
Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant PC diffuser.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

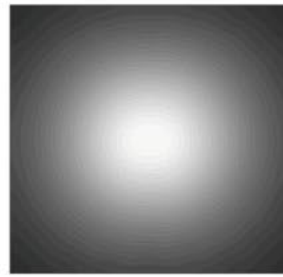


RAL7012 RAL9006 RAL9003

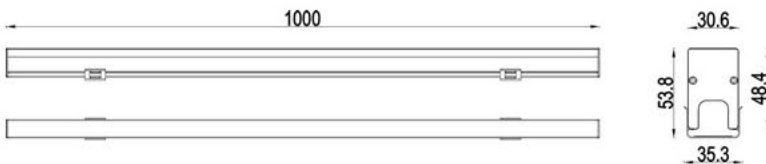




H (m)	E (lx)	D (m)
		150°
1	199	7.64
2	50	14.93
3	22	22.39
4	12	29.86
5	8	37.32



Dimensions



Specifications

Power Consumption	12W	12W	15W
Luminous Flux	870 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	150°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Pixel	8		
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Wide Visual Angle
Media Facade Application
LED Linear Light**

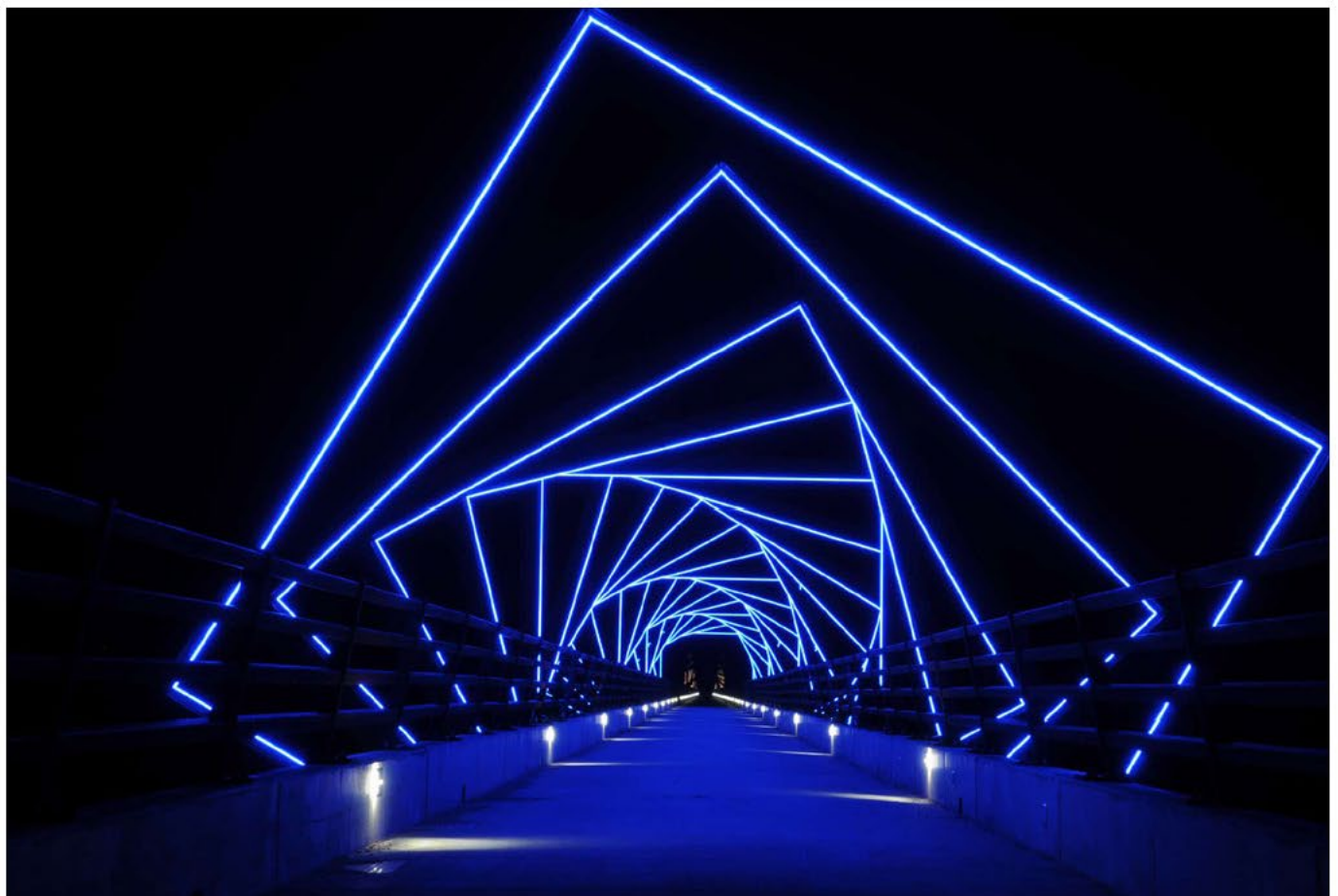
LL22R

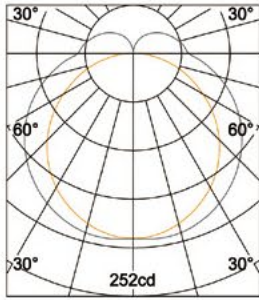
Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant PMMA diffuser.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

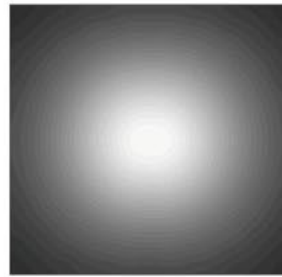


RAL7012 RAL9006 RAL9003

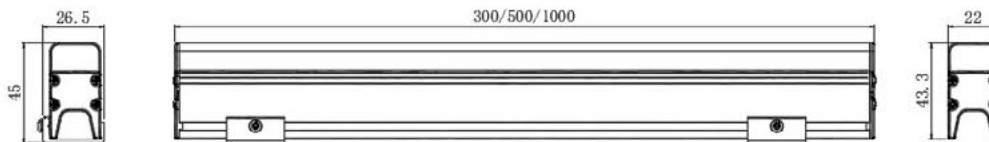




H (m)	E (lx)	D (m)
		150°
1	192	7.64
2	48	14.93
3	21	22.39
4	12	29.86
5	8	37.32



Dimensions



Specifications

Power Consumption	12W	12W	12W
Luminous Flux	840 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	150°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Pixel	8		
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	High strength optical PC/PMMA		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and High-brightness
Media Facade Application
LED Linear Light**

LL22K

Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant PMMA diffuser.
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.



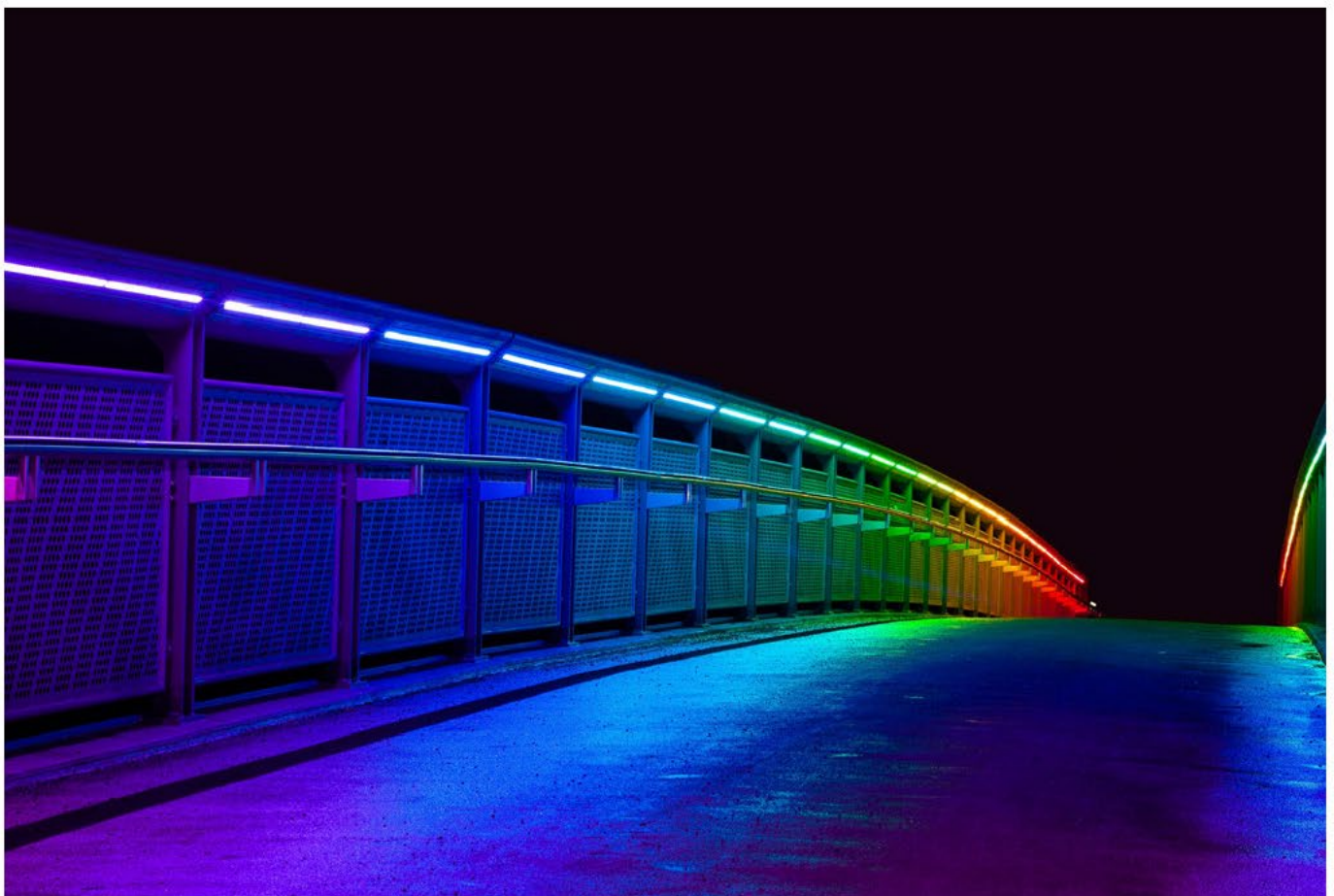
RAL7012

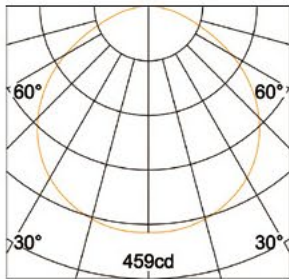


RAL9006

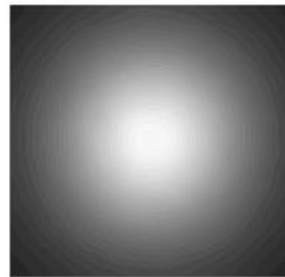


RAL9003

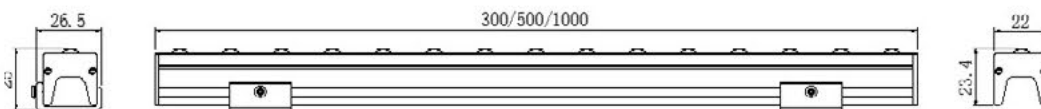




H (m)	E (lx)	D (m)
		110°
1	380	2.86
2	95	5.71
3	42	8.57
4	24	11.43
5	15	14.28

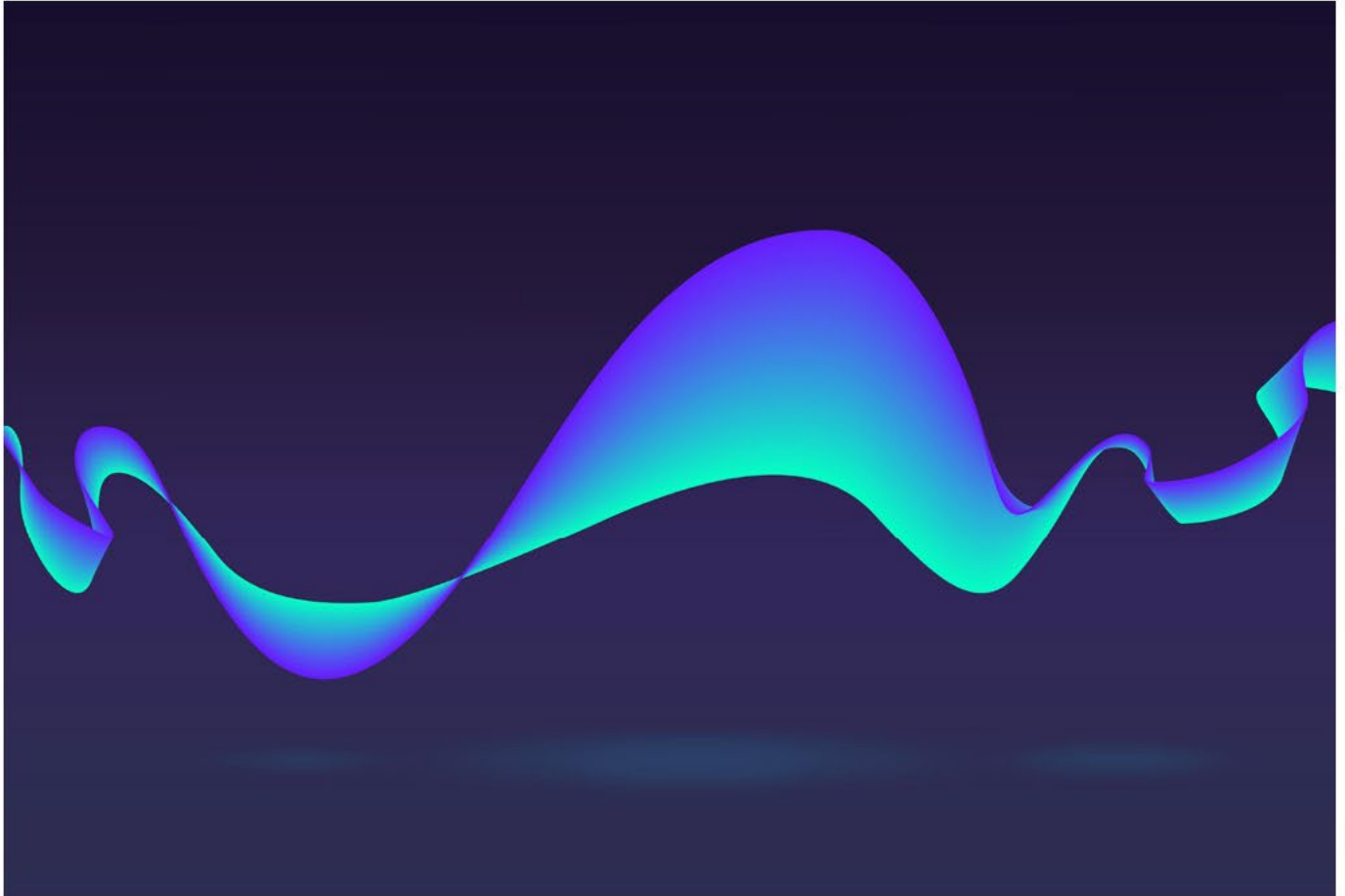


Dimensions



Specifications

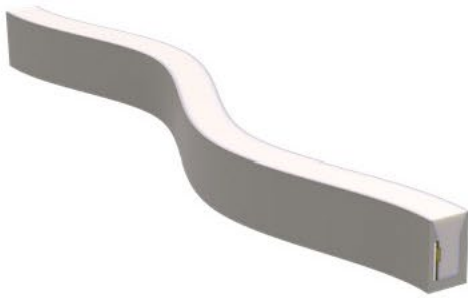
Power Consumption	12W	12W	12W
Luminous Flux	1020 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Pixel	8		
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	High strength opticalPMMA		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



— Light is the artist on the Rainbow Bridge, creating freely over the North Pole.



- The Neon Flex light, neon originally refers to the natural phenomenon rainbow, represents beautiful things with colors, The power is 10W/m or so, direct-viewing, multi-Pixel, and Multi-directional allowable bending ,ToyoShine's product line covers width from 6mm to 40mm, to meet the application needs of different installation conditions.



**Minimalistic and Uniform Light
Media Facade Application
LED Neon Flex Light**

NFL1220

Features

- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Premium Dow silicone encapsulation
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

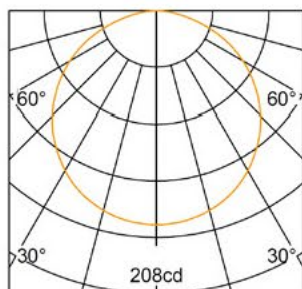


RAL9006

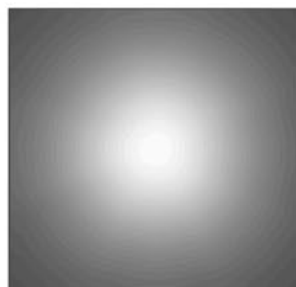


RAL9003

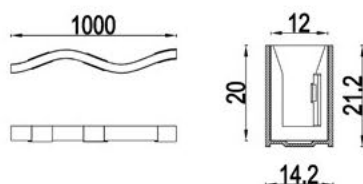




H (m)	E (lx)	D (m)
		120°
1	163	3.46
2	41	6.93
3	18	10.39
4	10	13.86
5	7	17.32

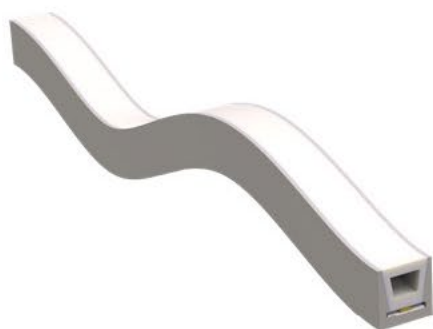


Dimensions



Specifications

Power Consumption	12W/m	12W/m	12W/m
Luminous Flux	480 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	120°		
Bend Direction	Horizontal		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX/ ON-OFF		
Finish	White		
Housing	Milky Silicone		
IP Rating	IP65		
Packing	5m/Volume		
Mounting	Bending Buckle		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Uniform Light
Media Facade Application
LED Neon Flex Light**

NFL1616

Features

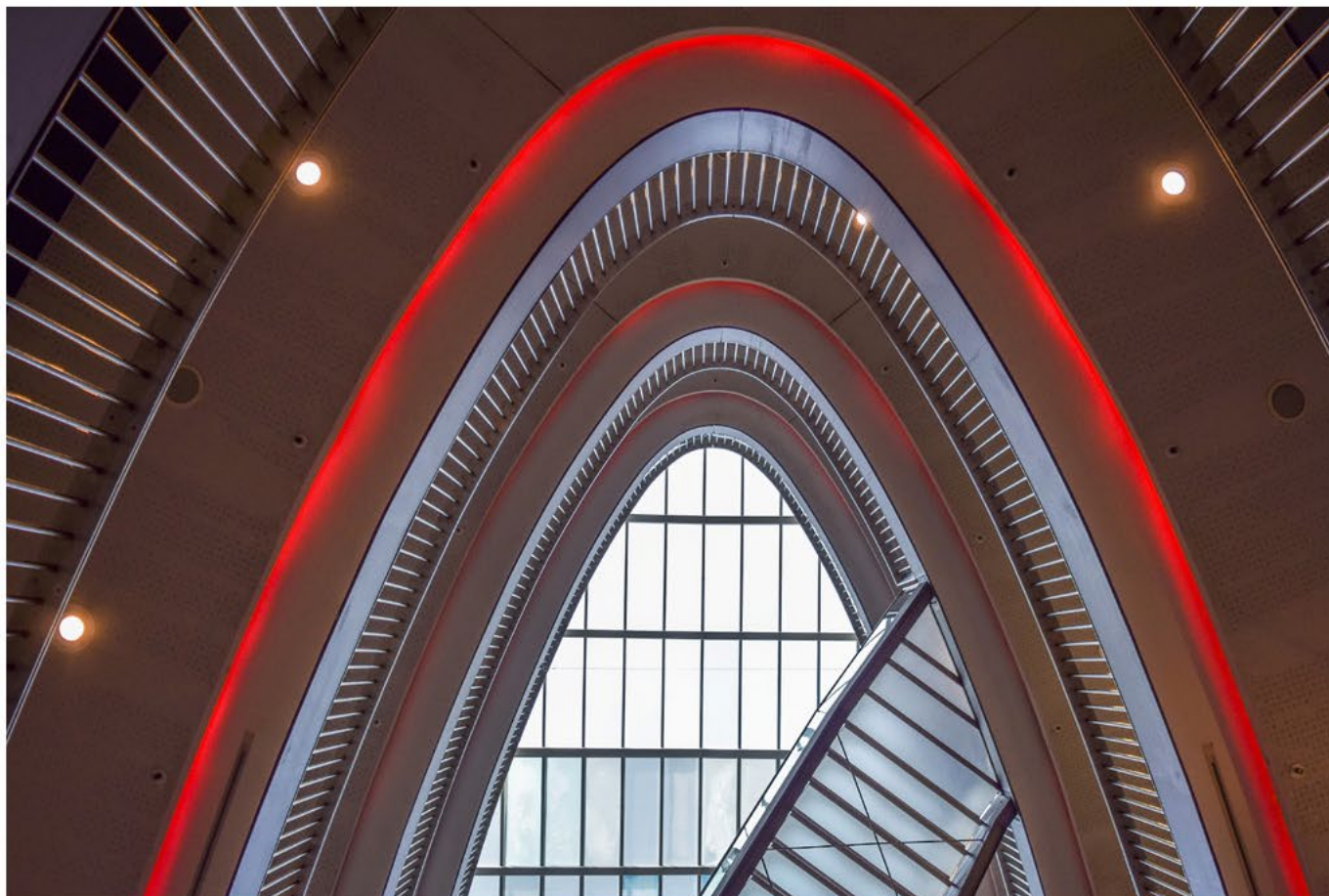
- Minimalistic appearance design
- High-strength aviation aluminum housing.
- Premium Dow silicone encapsulation
- Optical dark-free zone design for seamless splicing of uniform light.
- International standard DMX512 protocol.

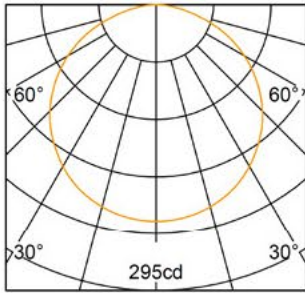


RAL9006

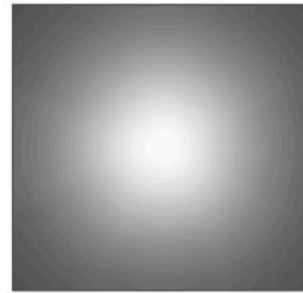


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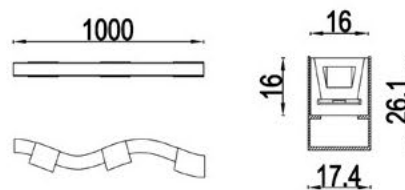




H (m)	E (lx)	D (m)
		120°
1	224	3.46
2	56	6.93
3	25	10.39
4	14	13.86
5	9	17.32



Dimensions



Specifications

Power Consumption	12W/m	12W/m	12W/m
Luminous Flux	660 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	120°		
Bend Direction	Vertical		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX/ ON-OFF		
Finish	White		
Housing	Milky Silicone		
IP Rating	IP65		
Packing	5m/Volume		
Mounting	Bending Buckle		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



— Light is the stars of the vast universe, let our thoughts soar in the deep space.



- Pixel lights, which mainly refer to the direct-looking round-shaped single-pixel luminaires with less than 10 watts, mostly used for the outline lighting of the building, or large building's media facade lighting of long-distance viewing. ToyoShine's dot lights product line covers 0.3W to 10W, to meet different application needs.



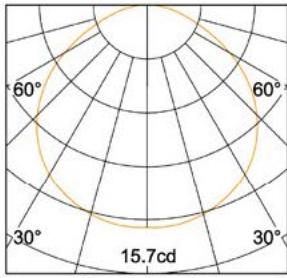
**Minimalistic and High brightness
Media Facade Application
LED Pixel Light**

PL35

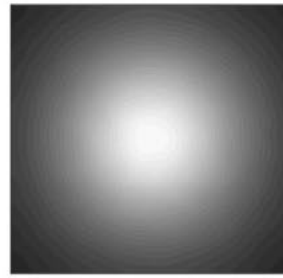
Features

- Small and skillful design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- Weathering and fireproof PC housing
- Intelligent stepless dimming technology adopted.
- High brightness contrast
- International standard DMX512 protocol.

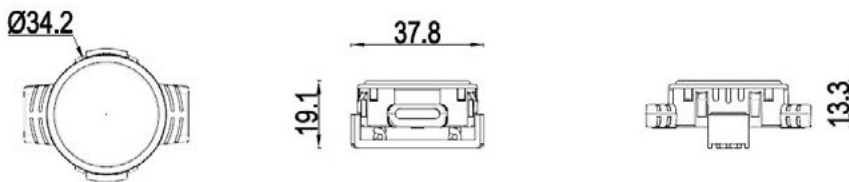




H(m)	E(k)	D(m)
		110°
1	13	2.86
2	3	5.71
3	1	8.57
4	1	11.43
5	1	14.28



Dimensions



Specifications

Power Consumption	1W	1W	1.5W
Luminous Flux	75 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC12V / DC15V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Rough black		
Housing	High strength engineering PC		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and High brightness
Media Facade Application
LED Pixel Light**

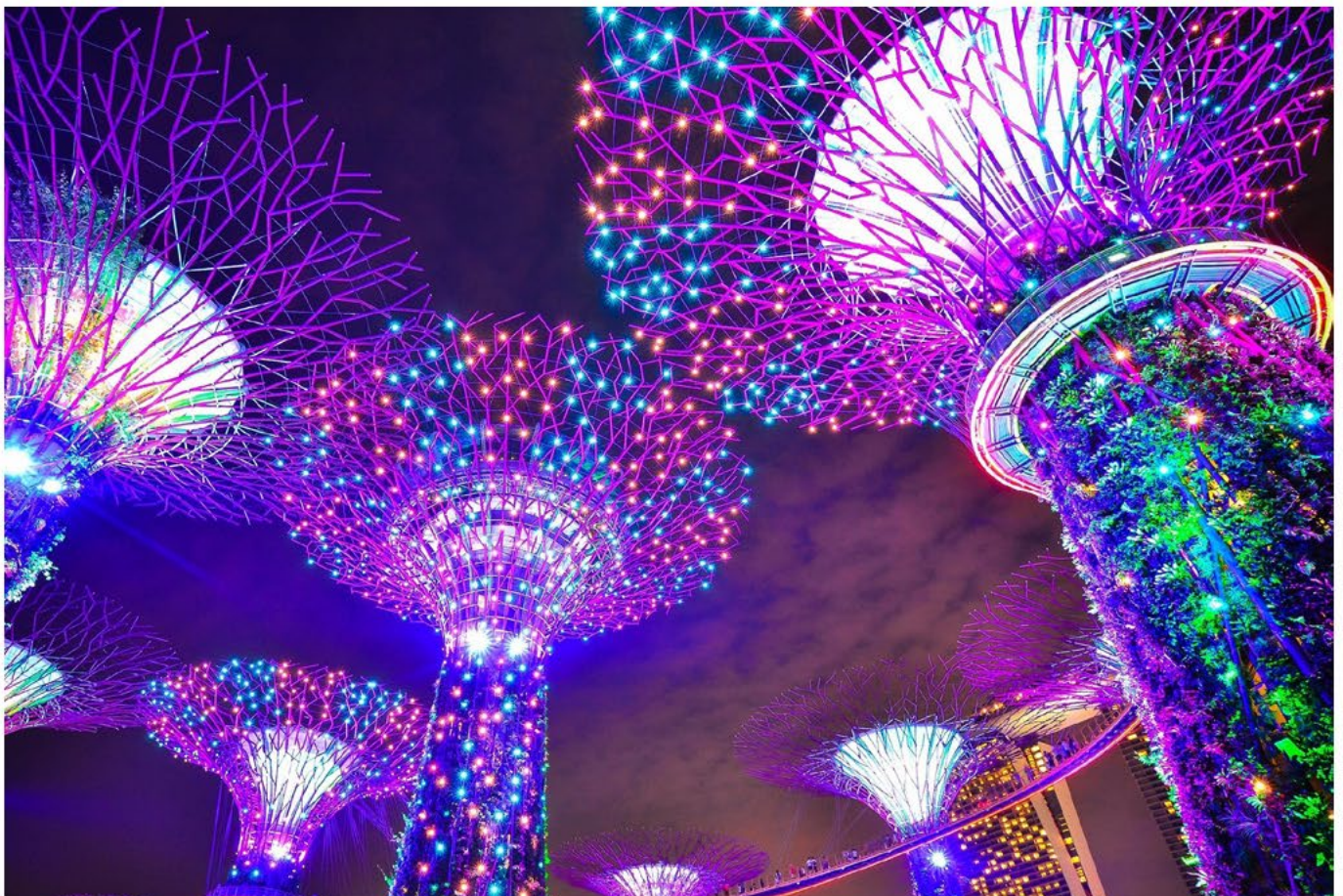
PL42A

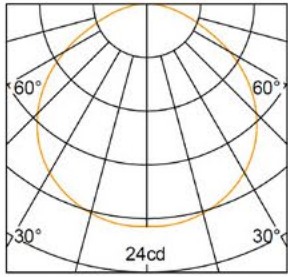
Features

- Small and skillful design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- Weathering and fireproof PC housing
- Intelligent stepless dimming technology adopted.
- High brightness contrast
- International standard DMX512 protocol.

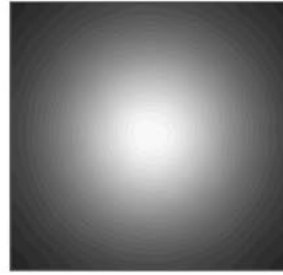


RAL7012 RAL9006 RAL9003

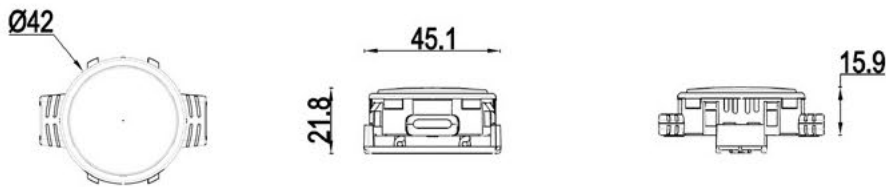




H (m)	E (lx)	D (m)
		110°
1	20	2.86
2	5	5.71
3	2	8.57
4	1	11.43
5	1	14.28



Dimensions



Specifications

Power Consumption	1.5W	1.5W	1.8W
Luminous Flux	113 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Rough black		
Housing	High strength engineering PC		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and High brightness
Media Facade Application
LED Pixel Light**

PL3630

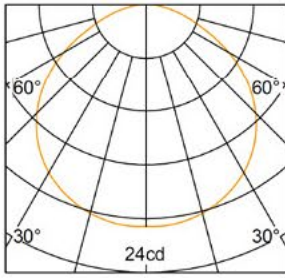
Features

- Small and skillful design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- Weathering and fireproof PC housing
- Intelligent stepless dimming technology adopted.
- High brightness contrast
- International standard DMX512 protocol.

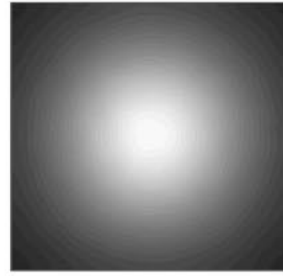


RAL7012 RAL9006 RAL9003

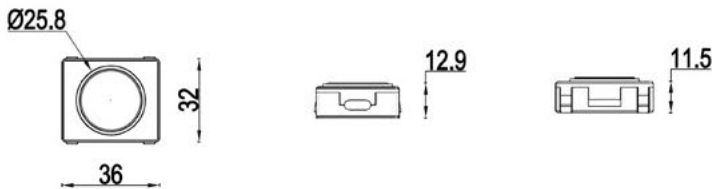




H (m)	E (lx)	D (m)
		110°
1	20	2.86
2	5	5.71
3	2	8.57
4	1	11.43
5	1	14.28



Dimensions



Specifications

Power Consumption	1.5W	1.5W	1.8W
Luminous Flux	113 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Rough black		
Housing	High strength engineering PC		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and High brightness
Media Facade Application
LED Pixel Light**

PL4840

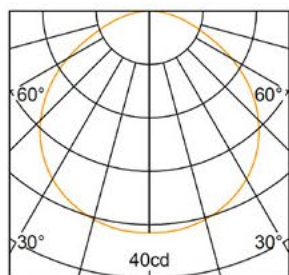
Features

- Small and skillful design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- Weathering and fireproof PC housing
- Intelligent stepless dimming technology adopted.
- High brightness contrast
- International standard DMX512 protocol.



RAL7012 RAL9006 RAL9003

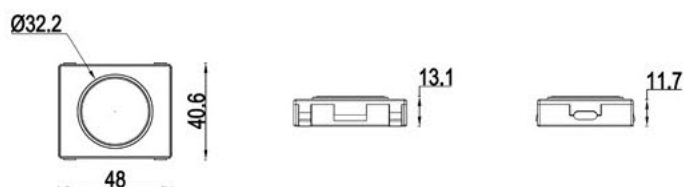




H (m)	E (lx)	D (m)
		110°
1	33	2.86
2	8	5.71
3	4	8.57
4	2	11.43
5	1	14.28



Dimensions



Specifications

Power Consumption	2.5W	2.5W	3W
Luminous Flux	187 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Rough black		
Housing	High strength engineering PC		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Uniform Light
Media Facade Application
LED Dot Light**

DLR03

Features

- Minimalistic appearance design
- The waterproof design of the integral structure.
- High-strength die cast aluminum housing.
- Weathering and UV resistant PC diffuser.
- The transparent or milky optical diffuser is optional.
- International standard DMX512 protocol.

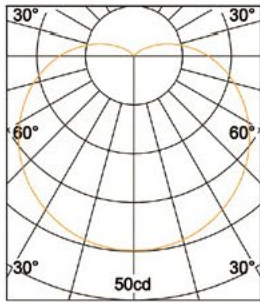


RAL7012

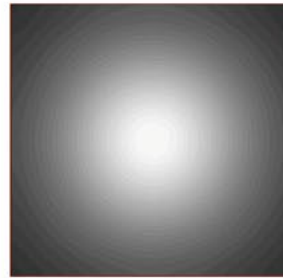
RAL9006

RAL9003

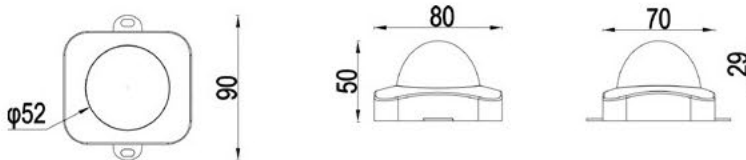




H (m)	E (lx)	D (m)
		160°
1	40	11.34
2	10	22.69
3	4	34.03
4	2	45.37
5	1.5	56.71



Dimensions



Specifications

Power Consumption	3W/5W	3W/5W	3W/5W
Luminous Flux	200 lm @4000K 3W		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110° /160°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating/Anodizing		
Housing	Die cast aluminum ADC12		
Cover	High strength optical PC		
IP Rating	IP66		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



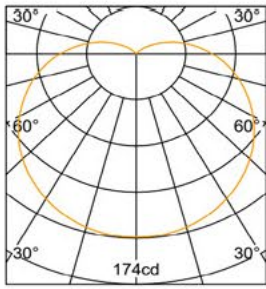
**Minimalistic and Uniform Light
Media Facade Application
LED Dot Light**

DLR05

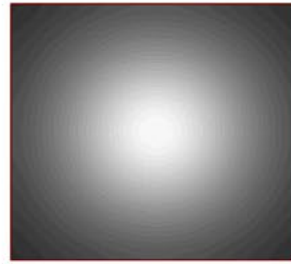
Features

- Minimalistic appearance design
- The waterproof design of the integral structure.
- High-strength die cast aluminum housing.
- Weathering and UV resistant PC diffuser.
- The transparent or milky optical diffuser is optional.
- International standard DMX512 protocol.

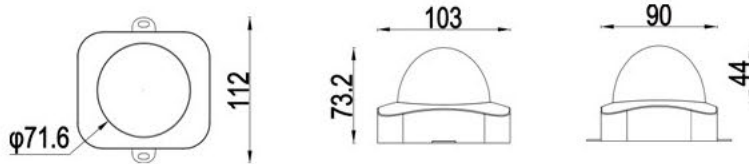




H (m)	E (lx)	D (m)
		160°
1	139	11.34
2	35	22.69
3	15	34.03
4	9	45.37
5	6	56.71

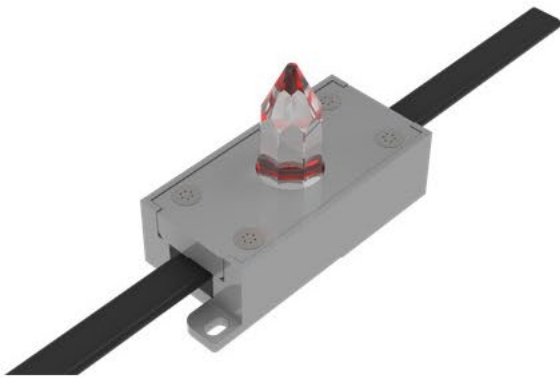


Dimensions



Specifications

Power Consumption	10W	10W	10W
Luminous Flux	700 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	110° /160°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating/Anodizing		
Housing	Die cast aluminum ADC12		
Cover	High strength optical PC		
IP Rating	IP66		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Minimalistic and Uniform Light
Media Facade Application
LED Dot Light**

DLR02

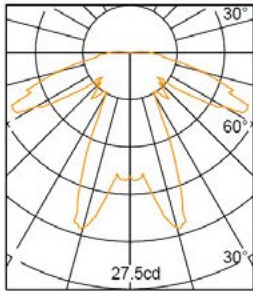
Features

- Minimalistic appearance design
- The outdoor self-cleaning design ensures greater performance and higher reliability.
- High-strength aviation aluminum housing.
- Weathering and UV resistant Light guide column.
- Dramatic optical effect presentation
- International standard DMX512 protocol.

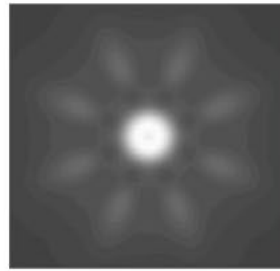


RAL7012 RAL9006 RAL9003

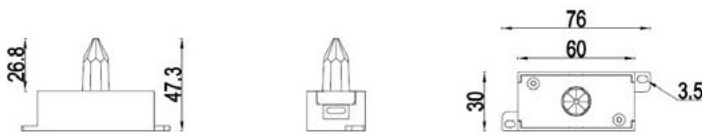




H (m)	E (lx)	D (m)
		150°
1	21	7.46
2	5	14.93
3	2	22.39
4	1	29.86
5	1	37.32



Dimensions

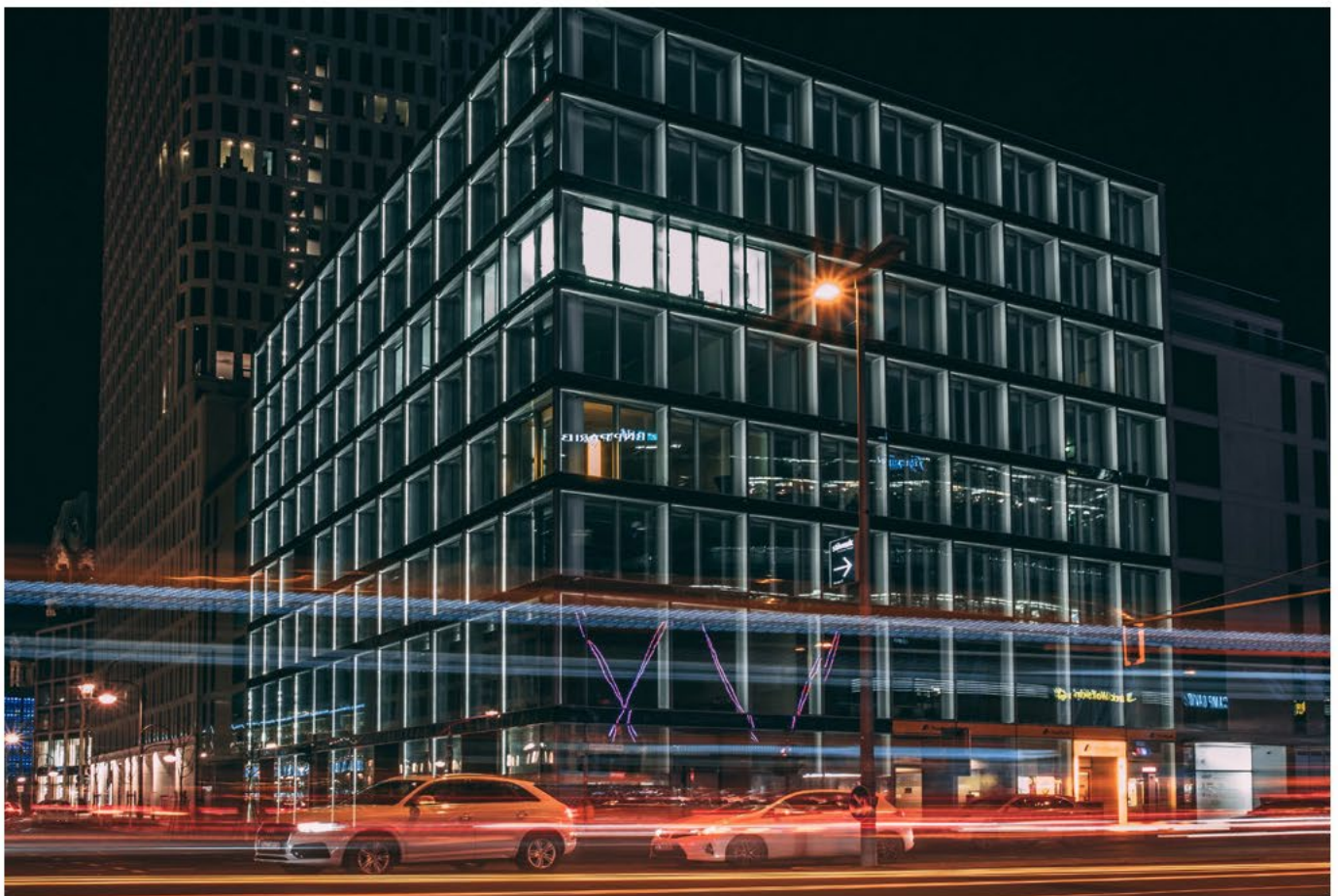


Specifications

Power Consumption	2W	2W	2W
Luminous Flux	120 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	150°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V / DC48V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating/Anodizing		
Housing	Die cast aluminum ADC12		
Cover	High strength optical PC		
IP Rating	IP65		
IK Rating	IK10		
Mounting	Buckle		
Operating Temperature	-35° C ~ 60° C (-22° F ~ 122° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



— Light is an exquisite pattern that opens the palace of artistic creation.



- Window lights, that is, frame outline luminaires, are mostly used for lighting projection of building frame taking inner concave outline. ToyoShine's window lights take to power up to 20W, with a horizontal axis lighting angle of view up to 180° , can realize lighting applications covering the triangular frame, quadrilateral frame, hexagonal frame and other frames with different shapes.



**Minimalistic and Low-glare
Framed Structural Application
LED Window Light**

WL6020

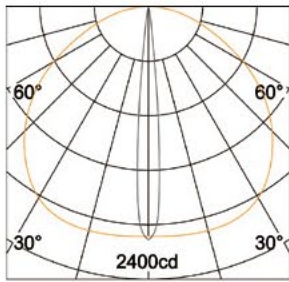
Features

- Minimalistic appearance design
- High-precision vents for greater performance, increased durability, and higher reliability.
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Nano-scale optical materials adopted for accurate lighting.
- Multiple options of visually comfortable and precise optical lens.
- International standard DMX512 protocol.

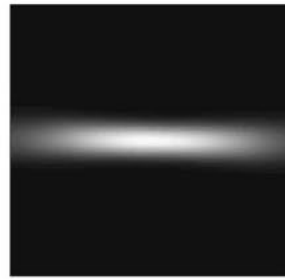


RAL7012 RAL9006 RAL9003

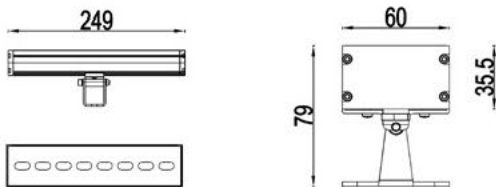




H(m)	E(lx)	D(m)	
		C ₀	C ₉₀
		120°	10°
1	2052	3.46	0.17
2	513	6.93	0.35
3	228	10.39	0.52
4	128	13.86	0.70
5	82	17.32	0.87



Dimensions



Specifications

Power Consumption	18W	15W	18W
Luminous Flux	800 lm @4000K		
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K	RGB	RGBW
Beam Angle (50%Imax)	10*120°		
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS		
Input Voltage	DC24V		
Protection Class IEC	III		
Control	DMX / ON-OFF	DMX	DMX
Finish	Powder coating/Anodizing		
Housing	Extruded aluminum 6063		
Cover	Toughened glass		
IP Rating	IP66		
IK Rating	IK06		
Mounting	Adjustable bracket		
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)		
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)		
Lifespan	>50,000Hrs (Ta=35° C@L70)		
Certificate	CE / RoHS		



**Exquisite and Low-glare
Framed Structural Application
LED Window Light**

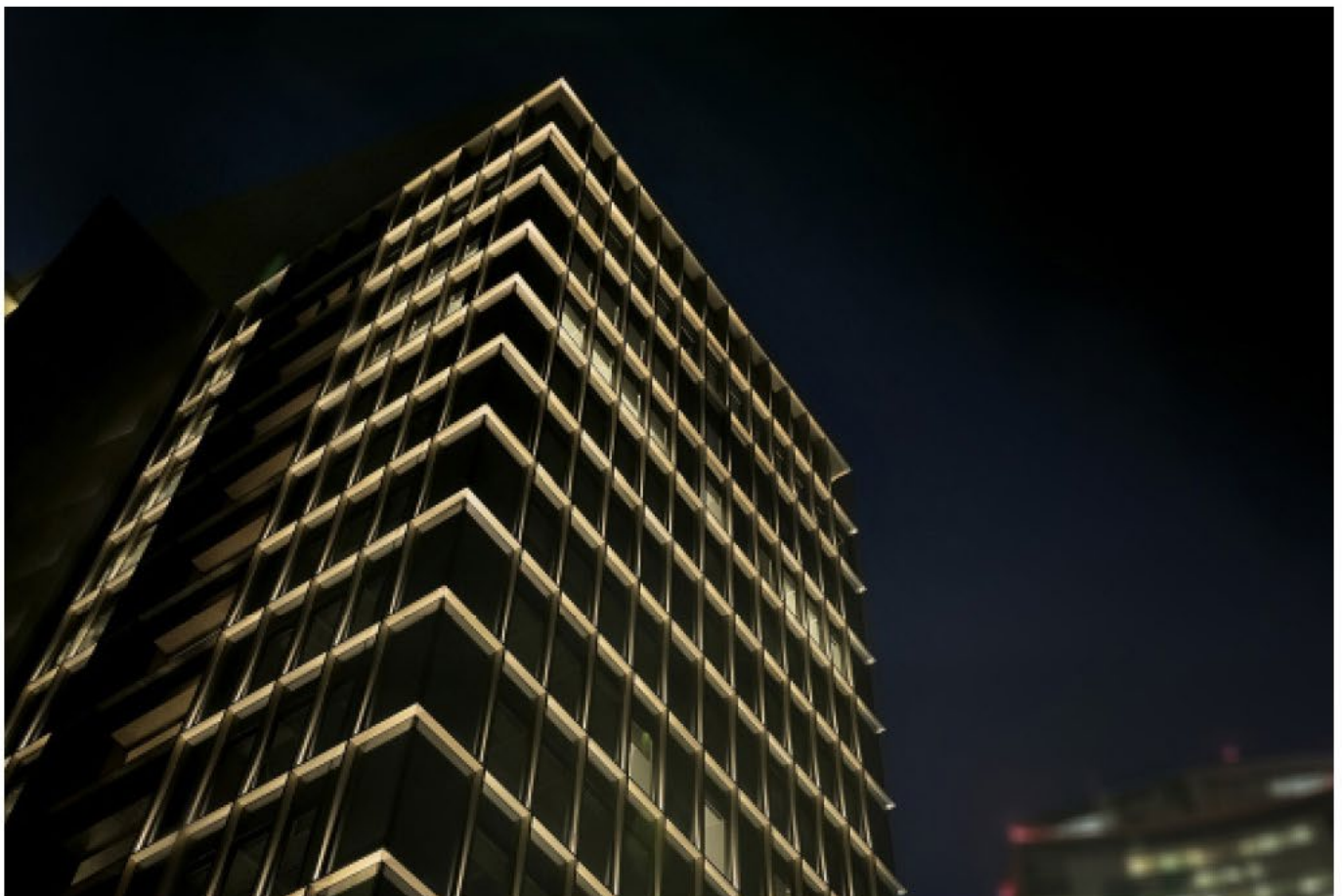
WL11308

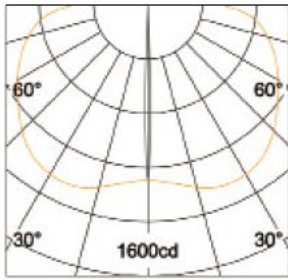
Features

- Minimalistic and exquisite appearance design.
- High strength die cast aluminum housing.
- Self-cleaning dustproof system.
- With concealed rotary bracket.
- Arc lens with linear optical design.
- International standard DMX512 protocol.

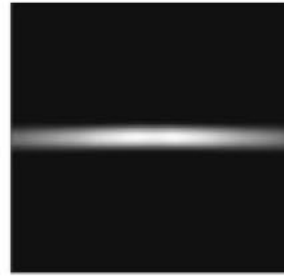


RAL7012 RAL9006 RAL9003

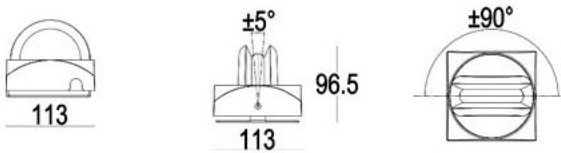




H(m)	E(lx)	D(m)	
		Co	C90
		170°	3°
1	1035	22.86	0.05
2	259	45.72	0.1
3	115	68.58	0.16
4	65	91.44	0.21
5	41	114.30	0.26



Dimensions



Specifications

Power Consumption	8W
Luminous Flux	160 lm @4000K
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K
Beam Angle (50%Imax)	3*170°
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS
Input Voltage	DC24V
Protection Class IEC	III
Control	DMX / ON-OFF
Finish	Powder coating/Anodizing
Housing	Die cast aluminum ADC12
Cover	PMMA
IP Rating	IP66
IK Rating	IK10
Mounting	Adjustable bracket
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)
Lifespan	>50,000Hrs (Ta=35° C@L70)
Certificate	CE / RoHS



— Light is the warm road that leads us home.



— Led Road Low Location Light usually refers to the lighting application where the installation height of the luminaire is less than 1.5m, and mainly refers to guardrail lights and handrail lights.

Guardrail lights, that is, viaduct street lights of low height installation, ToyoShine's guardrail lights can meet the lighting needs of 8m-16m wide road while reaching the road lighting high standards, accurate anti-glare technology adopted to greatly reduce glare and maximize road driving safety.

While handrail lights cover concealed low-glare lighting applications in park walkways, public footbridges, industrial factory stairs, and other places. Also, it adopts an asymmetric dark-free zone optical design. With plane and arc options, this luminaire can match handrail type with different installation conditions, At the same time, this luminaire ensures the optimal safe lighting guiding function, while realizing an excellent visual comfort of the lighting experience.



**Premium and Low-glare
Urban Road and Highway Applications
LED Guardrail Light**

GRL4836

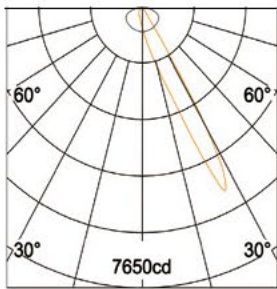
Features

- Minimalistic appearance design.
- High-precision vents for greater performance, increased durability, and higher reliability.
- High-strength aviation aluminum housing.
- Highly reliable and impact-resistant toughened glass.
- Integrated extruded aluminum guardrail pipe.
- Humanized anti-glare optical design.
- Multiple options of high-efficient and precise optical lens.
- Safe voltage and centralized power feeding adopted.



RAL7012 RAL9006 RAL9003

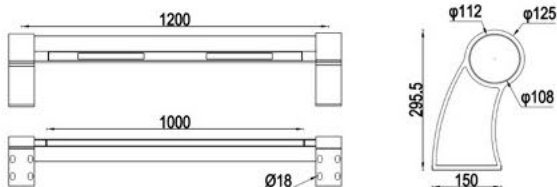




H (m)	E (lx)	D (m)	
		C0	C90
		120°	10°
1	5554	3.46	0.17
2	1388	6.93	0.35
3	617	10.39	0.52
4	347	13.86	0.70
5	222	17.32	0.87



Dimensions



Specifications

Power Consumption	24W
Luminous Flux	2040 lm @4000K
Color Temperature	4000K/5000K
Beam Angle (50%Imax)	10*120°
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS
Input Voltage	DC24V / AC220V
Protection Class IEC	III / I
Control	DMX / ON-OFF
Finish	Powder coating
Housing	Extruded aluminum 6063
Cover	Toughened glass
IP Rating	IP66
IK Rating	IK06
Mounting	Adjustable bracket
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)
Lifespan	>50,000Hrs (Ta=35° C@L70)
Certificate	CE / RoHS



**Exquisite and Low-glare
Aisle Application
LED Handrail Light**

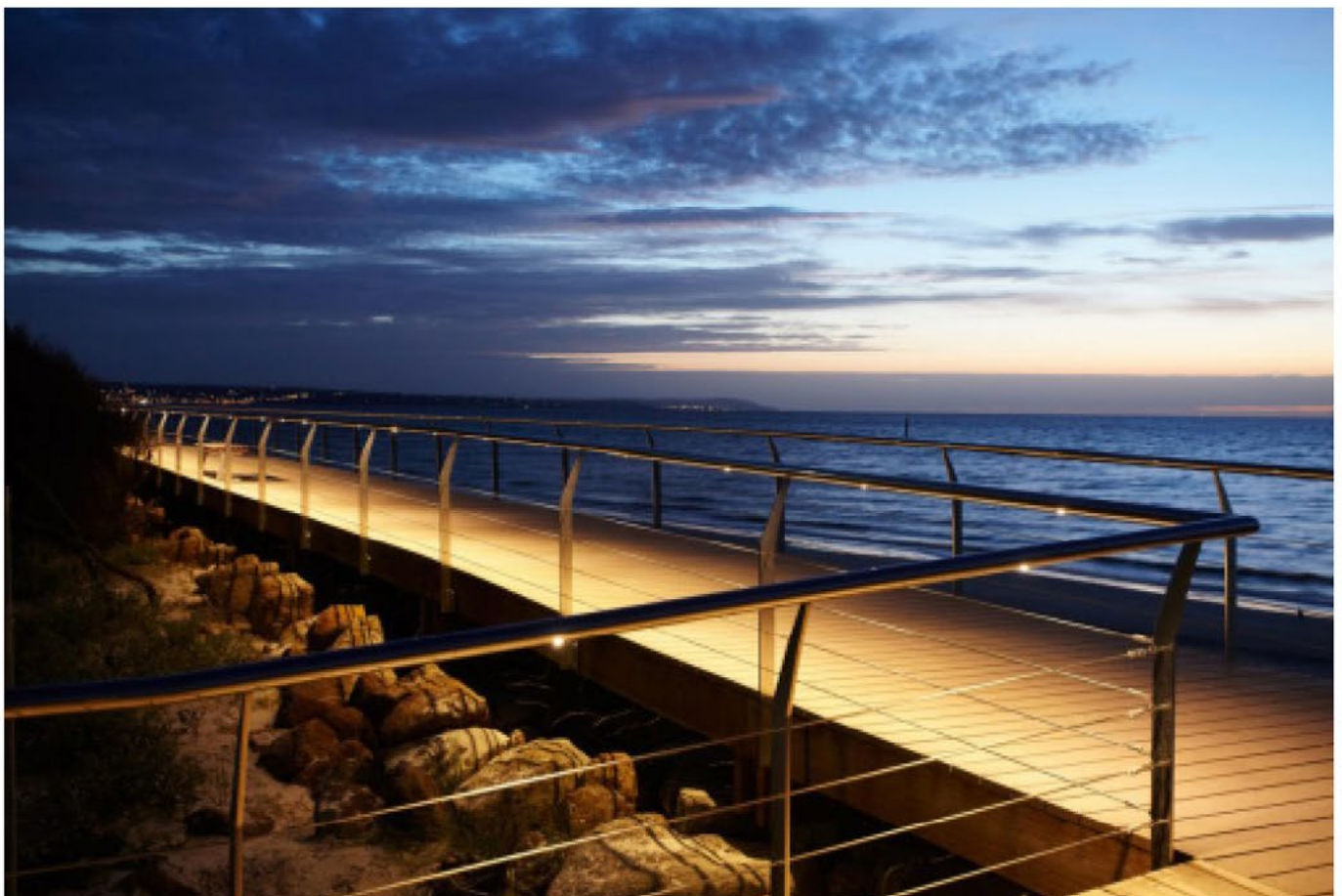
HRL3002

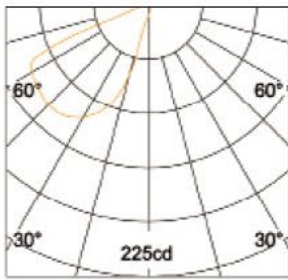
Features

- Minimalistic and compact appearance design.
- High strength die cast aluminum housing.
- Adopt the anti-theft design fixed by rotation.
- Self-contained stainless steel elastic bracket.
- Optical dark-free zone design for seamless splicing of light.
- International standard DMX512 protocol.

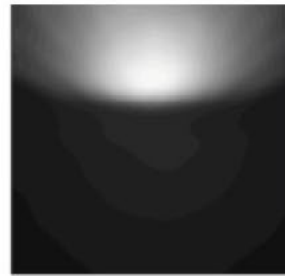


Bright Silver

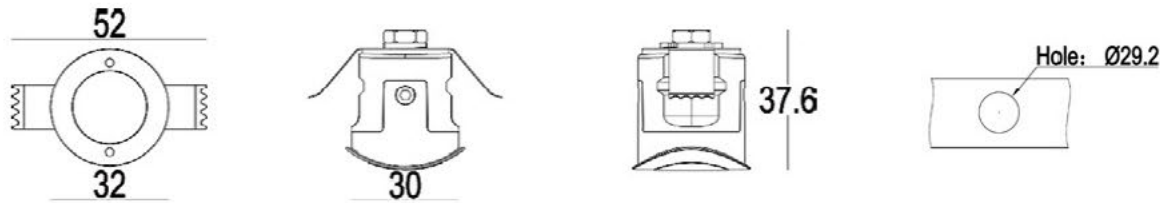




H(m)	E(lx)	D(m)	
		Co	Co0
		80°	50°
1	117	1.68	0.93
2	29	3.36	1.87
3	13	5.03	2.80
4	7	6.71	3.73
5	5	8.39	4.66



Dimensions



Specifications

Power Consumption	1.8W
Luminous Flux	150 lm @4000K
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K
Beam Angle (50%Imax)	50*80°
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS
Input Voltage	DC24V
Protection Class IEC	III
Control	DMX / ON-OFF
Finish	Powder coating/Anodizing
Housing	Die cast aluminum ADC12
Cover	PC
IP Rating	IP66
IK Rating	IK08
Mounting	Elastic buckle
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)
Lifespan	>50,000Hrs(Ta=35° C@L70)
Certificate	CE / RoHS



**Exquisite and Low-glare
Aisle Application
LED Handrail Light**

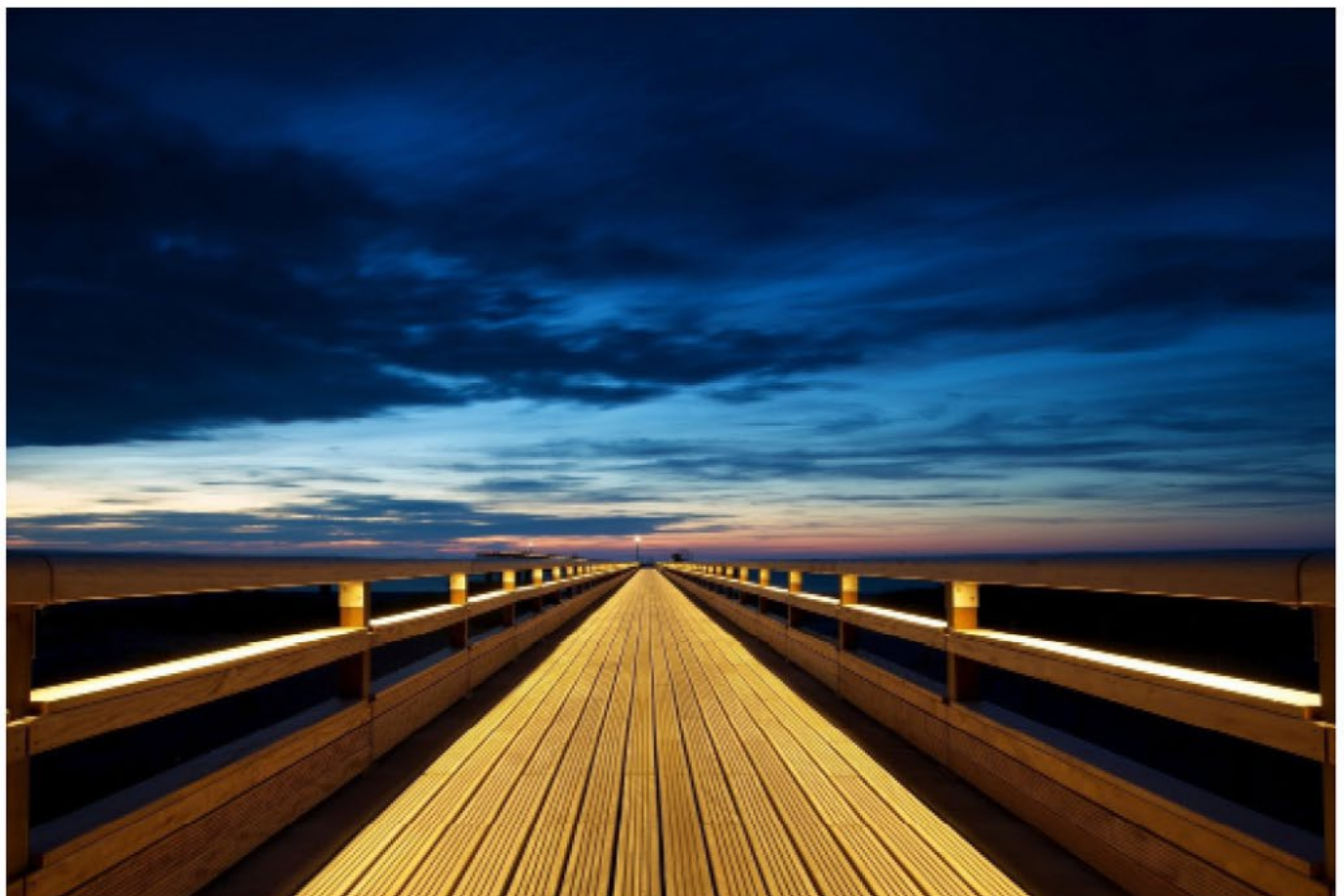
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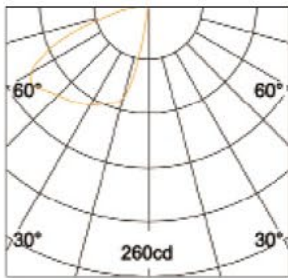
Features

- Minimalistic and compact appearance design.
- High strength die cast aluminum housing.
- Optical dark-free zone design for seamless splicing of light.
- Accurate asymmetric optical design.
- The surface is treated with anti-corrosion by electroplating.



Bright Silver

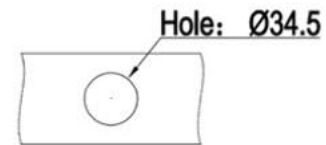
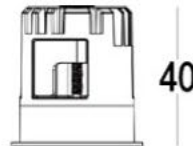
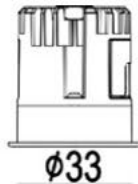
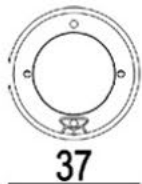




H (m)	E (lx)	D (m)	
		Co	Co0
		70°	55°
1	135	1.40	1.04
2	34	2.80	2.08
3	15	4.20	3.12
4	8	5.60	4.16
5	5	7.00	5.21



Dimensions



Specifications

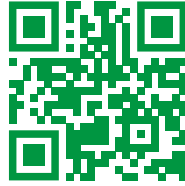
Power Consumption	1.8W
Luminous Flux	130 lm @4000K
Color Temperature	2700K/3000K/4000K/5000K/5700K/6500K
Beam Angle (50%Imax)	55*70°
LED Brand	CREE / NICHIA / OSRAM / LUMILEDS
Input Voltage	DC24V
Protection Class IEC	III
Control	DMX / ON-OFF
Finish	Powder coating/Anodizing
Housing	Die cast aluminum ADC12
Cover	PC
IP Rating	IP66
IK Rating	IK08
Mounting	Embedded
Operating Temperature	-35° C ~ 60° C (-31° F ~ 140° F)
Storage Temperature	-40° C ~ 70° C (-40° F ~ 158° F)
Lifespan	>50,000Hrs (Ta=35° C@L70)
Certificate	CE / RoHS





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