



# Lighting

PRODUCT CATALOG

2 0 2 3 - 2 0 2 4

Facade and Landscape Lighting

**A GATEWAY**

**To The**

**Light**



We aim to be the leader LED lighting company in India, we not only provide excellent LED products, but also lighting solutions and related services. We want to exceed our clients' expectations in terms of quality, innovation and reliability.

To be the best one-stop service product solution provider for our customers, we adhere to the client-oriented, high-efficient work processes, build and smooth interaction between the client platform.



# Beamer DS1310U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 11700
Efficacy (lm/W)	32.5
LED Channels	RGBW

### Electrical

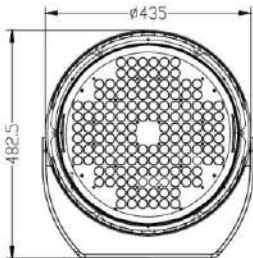
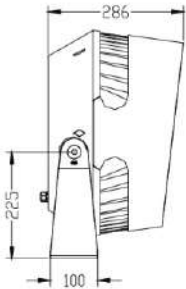
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	360 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



Polar Diagram



### Physical

Dimensions (Height x Width x Depth)	482.5X435X286 (mm)
Weight	12.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	3

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Integrated die casting & phase change liquid cooling

#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield



# Beamer DS1311U

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 7820
Efficacy (lm/W)	32.5
LED Channels	RGBW

### Electrical

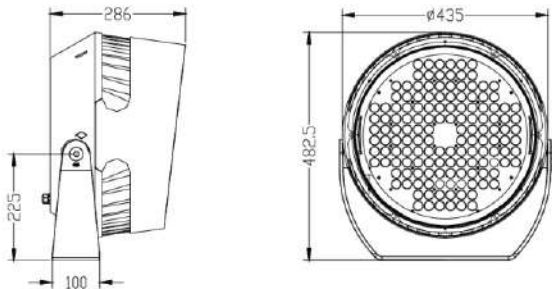
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	240 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



Polar Diagram



### Physical

Dimensions (Height x Width x Depth)	400X360X253 (mm)
Weight	10.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	5

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Integrated die casting & phase change liquid cooling

#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Beamer DS1312U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4, 5, 8, 12, 20, 30, 45, 60
Lumens	Min 7720
Efficacy (lm/W)	37.5
LED Channels	RGBW

### Electrical

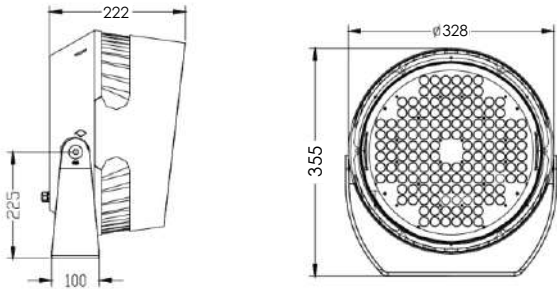
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	200 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	355X328X222 (mm)
Weight	9.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	5

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



Integrated die casting & phase change liquid cooling

#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Beamer DS1313U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4, 5, 8, 12, 20, 30, 45, 60
Lumens	Min 5988
Efficacy (lm/W)	39.9
LED Channels	RGBW

### Electrical

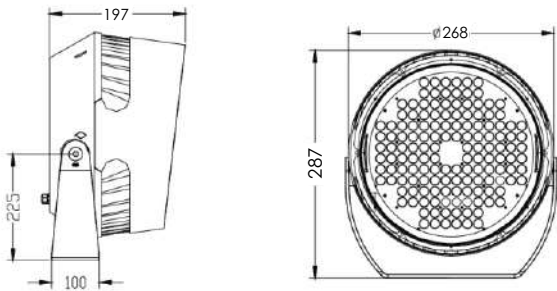
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses:	Inhouse DMX 512 Protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	287X268X197 (mm)
Weight	5.95 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	8

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Integrated die casting & phase change liquid cooling

#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Beamer DS1314U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4.5, 8,12, 20, 30, 45, 60
Lumens	Min 3683
Efficacy (lm/W)	36.8
LED Channels	RGBW

### Electrical

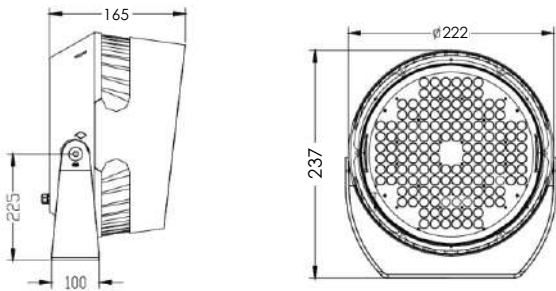
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	237X222X165 (mm)
Weight	3.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	12

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Integrated die casting & phase change liquid cooling

#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield



# Beamer DS1315U

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 2423
Efficacy (lm/W)	40.3
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

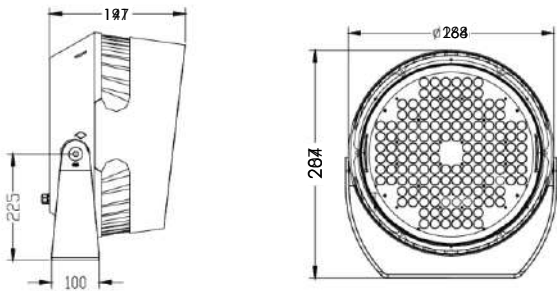
### Physical

Dimensions (Height x Width x Depth)	204X184X141 (mm)
Weight	2.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	20

### Certification and Safety





Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Integrated die casting & phase change liquid cooling

#### Accessories:

			
Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Beamer DS1316U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4, 5, 8, 12, 20, 30, 45, 60
Lumens	Min 1865
Efficacy (lm/W)	62.1
LED Channels	RGBW

### Electrical

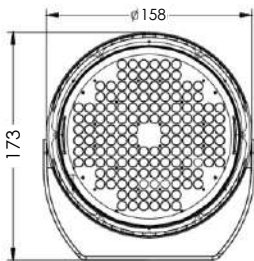
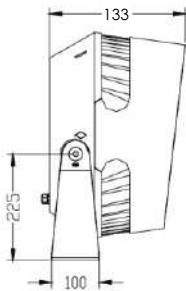
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses:	Inhouse DMX 512 Protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



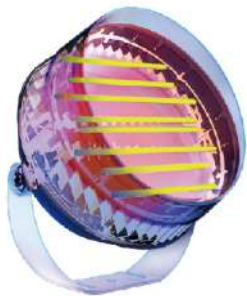
### Physical

Dimensions (Height x Width x Depth)	173X158X133 (mm)
Weight	1.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	42

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Integrated die casting & phase change liquid cooling

#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Beamer DS1317U

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 1219
Efficacy (lm/W)	60.95
LED Channels	RGBW

### Electrical

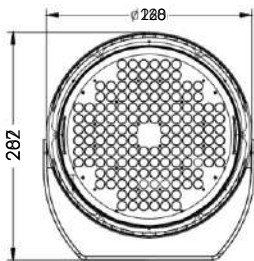
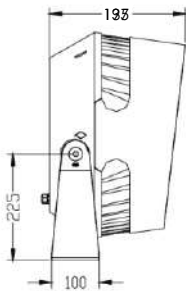
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	20 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



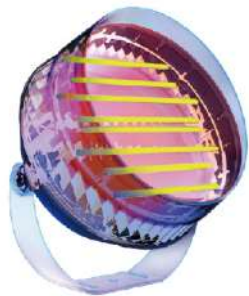
### Physical

Dimensions (Height x Width x Depth)	202X120X135 (mm)
Weight	1.05 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	88

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



Integrated die casting & phase change liquid cooling

#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Spot DS1150F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In°)	8,12, 20, 30 ,45, 60, 10*70 & 5*20
Lumens	Min 5170
Efficacy (lm/W)	51.7
LED Channels	3000K/4000K

### Electrical

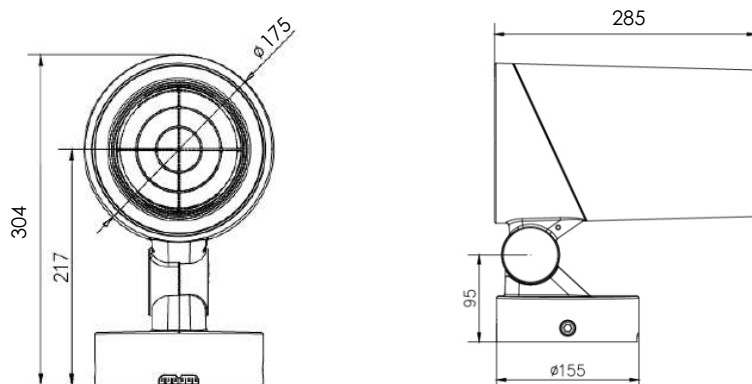
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	304X175X285 (mm)
Weight	3.85 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	28





### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

			
Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield



# Spot DS1151F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8 , 12 , 20, 30 ,45, 60,10*70 & 5*20
Lumens	Min 3875
Efficacy (lm/W)	51.7
LED Channels	3000K/4000K

### Electrical

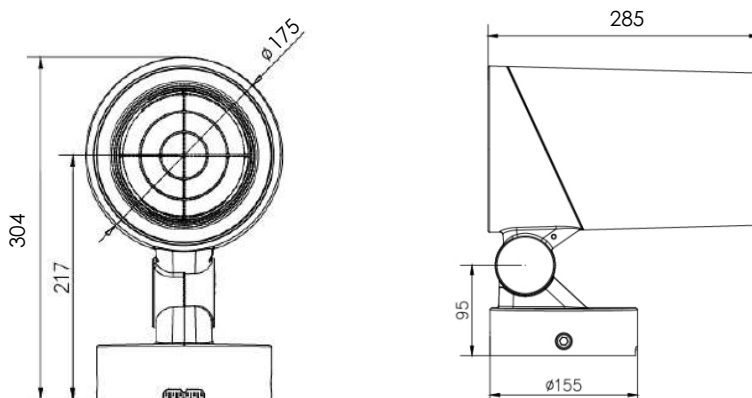
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	75 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	304X175X285 (mm)
Weight	3.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	28





### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

			
Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Spot DS1152F

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In°)	6,12, 20, 30,45, 60, 10*70 & 5*20
Lumens	Min 2574
Efficacy (lm/W)	57.2
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

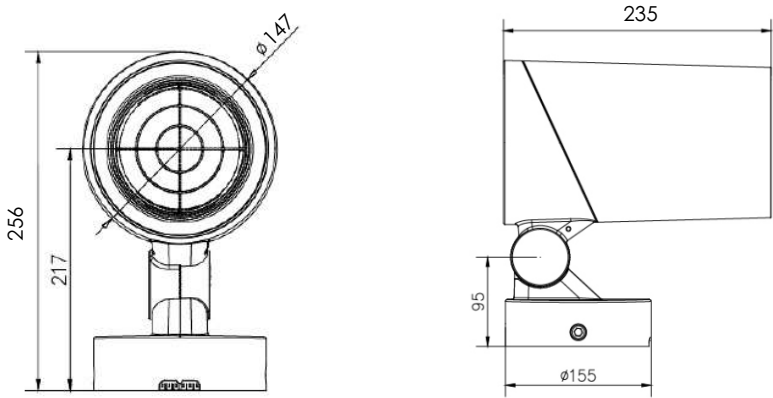
### Physical

Dimensions (Height x Width x Depth)	256X147X235 (mm)
Weight	3.15 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	28

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCe



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Spot DS1153F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6 , 12 , 20, 30 ,45, 60,10*70 & 5*20
Lumens	Min 2115
Efficacy (lm/W)	70.5
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

### Physical

Dimensions (Height x Width x Depth)	216X108X160 (mm)
Weight	21.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	88





### Certification and Safety

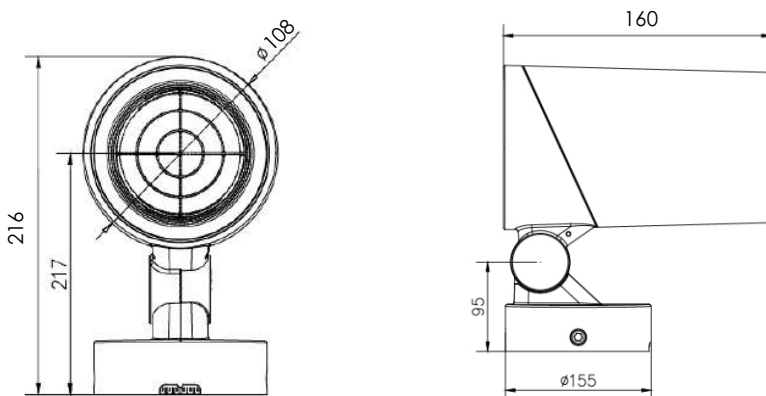
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

			
Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield



# Spot DS1154F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,12 , 20, 30 ,45, 60, 10*70 & 5*20
Lumens	Min 635
Efficacy (lm/W)	63.5
LED Channels	3000K/4000K

### Electrical

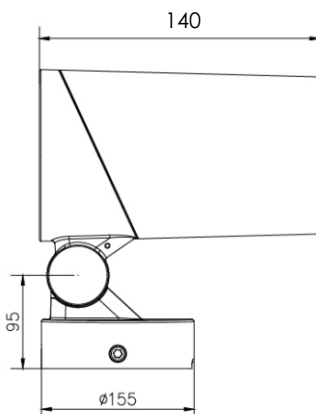
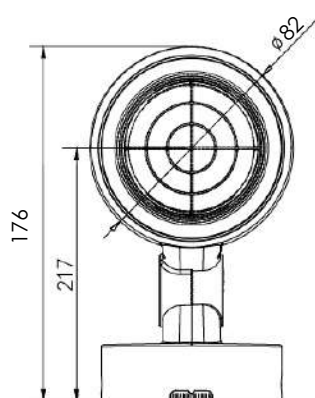
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	176X82X140 (mm)
Weight	1.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	130

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield



# Spot DS1155F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	12.5 , 20, 30 , 60, 15*30 & 10*60
Lumens	Min 551
Efficacy (lm/W)	91.83
LED Channels	3000K/4000K

### Electrical

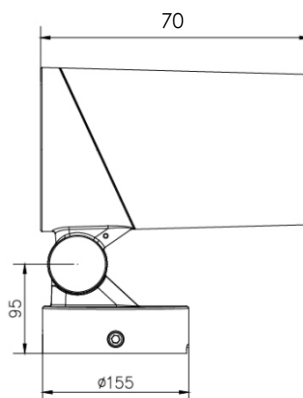
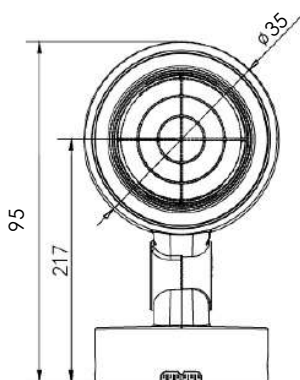
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	95X35X70 (mm)
Weight	1.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	120

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Spot DS1156F

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 30 , 45, 60, 25*45
Lumens	Min 233
Efficacy (lm/W)	77.66
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	3 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

### Physical

Dimensions (Height x Width x Depth)	81X61.5X25 (mm)
Weight	0.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	220





### Certification and Safety

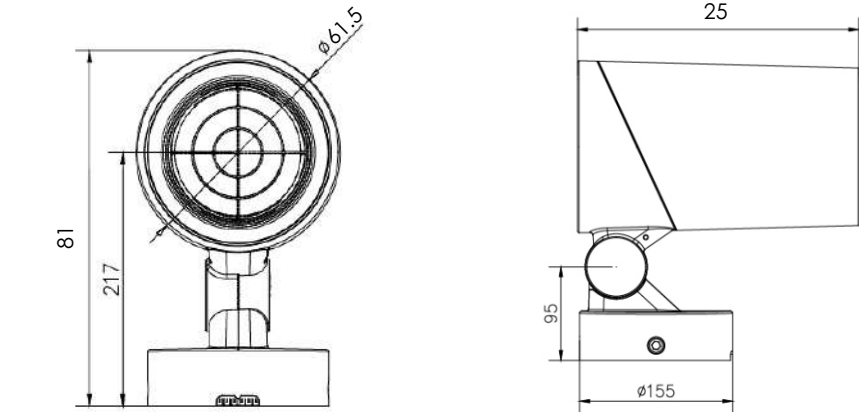
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE



#### Accessories:

			
Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield







# Inground DS2210S

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60
Lumens	Min 5988
Efficacy (lm/W)	39.9
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

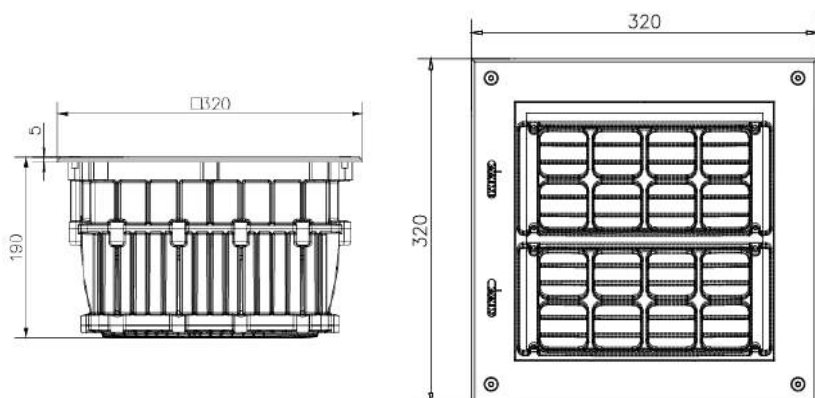
### Physical

Dimensions (Height x Width x Depth)	320X320X190 (mm)
Weight	15.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	40

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

# RoHS CE



#### Accessories:



Anti-Slip  
Glass



Honeycomb  
Grill



# Inground DS2211S

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60
Lumens	Min 3610
Efficacy (lm/W)	40.1
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	90 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

### Physical

Dimensions (Height x Width x Depth)	270X270X190 (mm)
Weight	13 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	40



### Certification and Safety

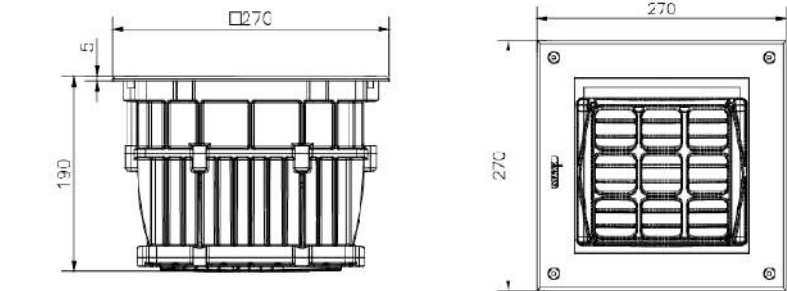
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



#### Accessories:

	
Anti-Slip Glass	Honeycomb Grill



# Inground DS2212S

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8, 15, 20, 30, 15*60
Lumens	Min 1600
Efficacy (lm/W)	40
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	40 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

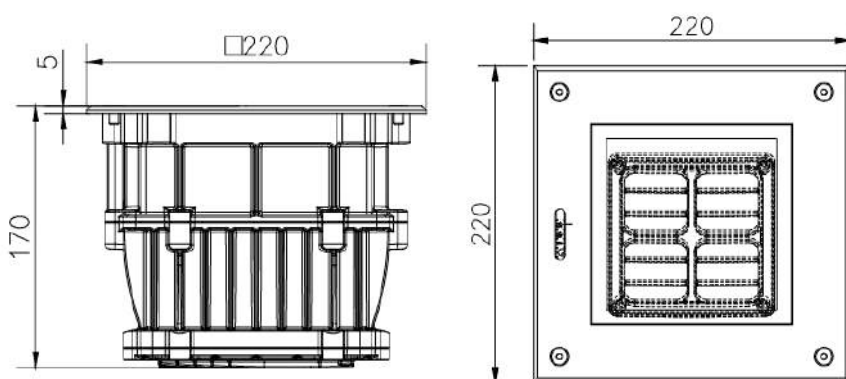
### Physical

Dimensions (Height x Width x Depth)	220X220X170 (mm)
Weight	8.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	40

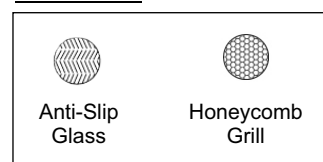
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

# RoHS CE



#### Accessories:



# Inground DS2213R

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60
Lumens	Min 3610
Efficacy (lm/W)	40.1
LED Channels	RGBW

### Electrical

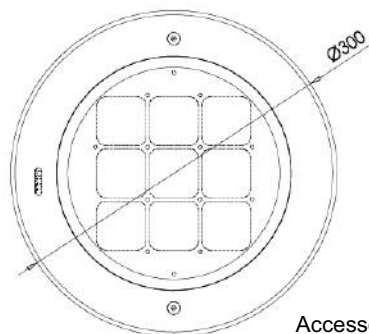
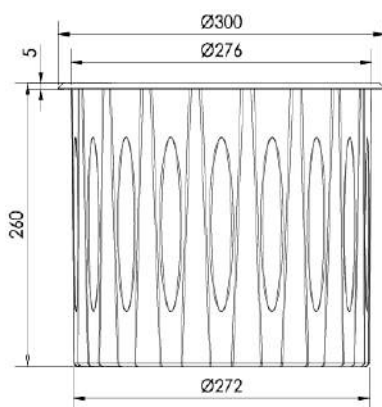
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	90 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	300X260 (mm)
Weight	12.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	14

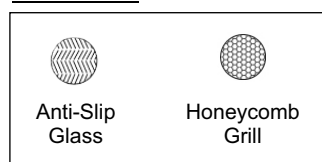
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



#### Accessories:



# Inground DS2214R

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8, 15, 20, 30, 15*60
Lumens	Min 2410
Efficacy (lm/W)	40.1
LED Channels	RGBW

### Electrical

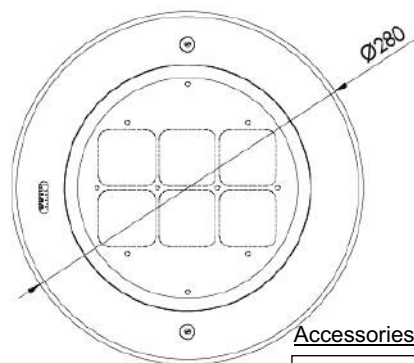
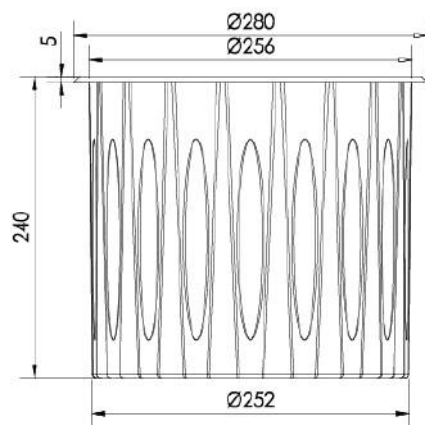
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

### Control Mode

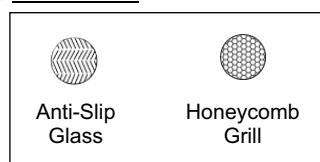
Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



#### Accessories:



### Physical

Dimensions (Height x Width x Depth)	280X240 (mm)
Weight	8.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	20

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

# RoHS CE



# Inground DS2215R

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60
Lumens	Min 1604
Efficacy (lm/W)	40.1
LED Channels	RGBW

### Electrical

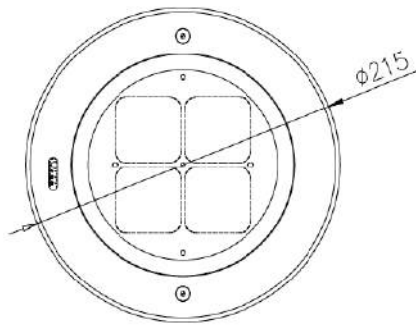
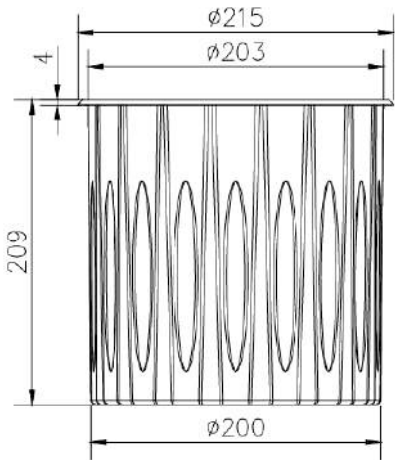
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	40 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	215X209 (mm)
Weight	5.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	30

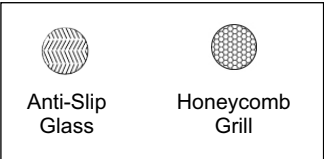
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



#### Accessories:





# Inground DS2216R

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8, 15, 20, 30, 15*60
Lumens	Min 802
Efficacy (lm/W)	40.1
LED Channels	RGBW

### Electrical

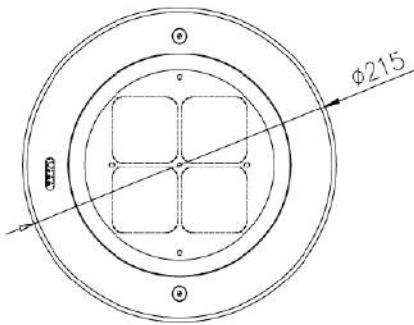
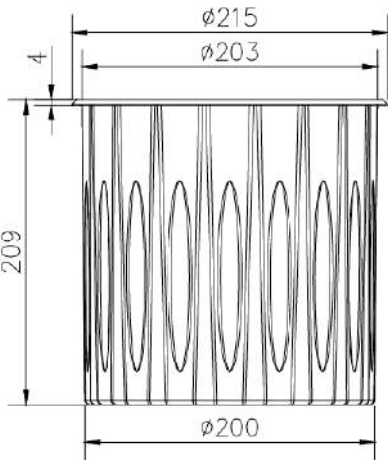
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	20 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	215X209 (mm)
Weight	4 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	60

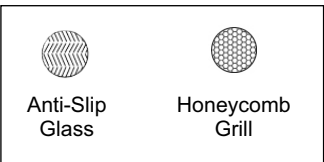
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



#### Accessories:



# Inground DS2217RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 6410
Efficacy (lm/W)	80.1
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	80 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

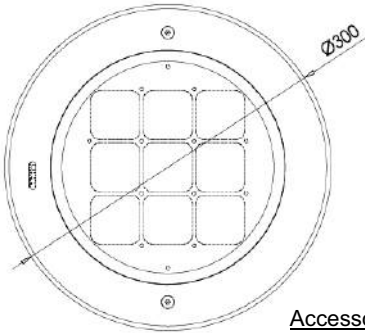
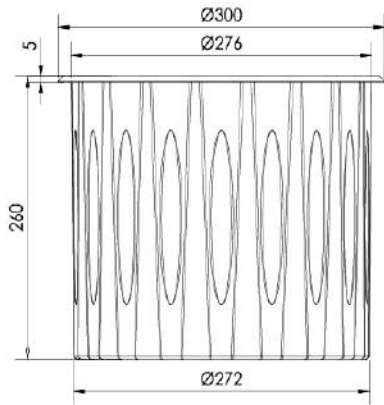
### Physical

Dimensions (Height x Width x Depth)	300X260 (mm)
Weight	12.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	14

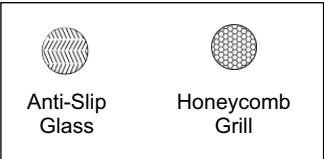
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



#### Accessories:



# Inground DS2218RM

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8, 15, 20, 30, 15*30, 10*60
Lumens	Min 3950
Efficacy (lm/W)	79
LED Channels	3000K/4000K

### Electrical

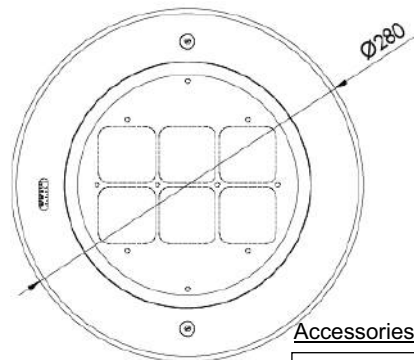
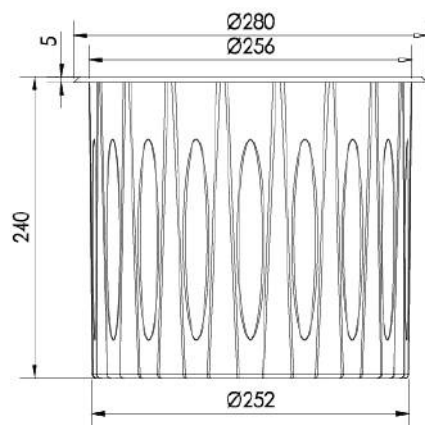
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	50 watts
Frequency Range	50/60Hz

### Control Mode

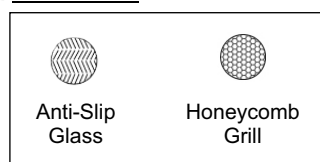
Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



Accessories:



### Physical

Dimensions (Height x Width x Depth)	280X240 (mm)
Weight	8.66 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	20

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

# RoHS CE



# Inground DS2219RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 2400
Efficacy (lm/W)	80
LED Channels	3000K/4000K

### Electrical

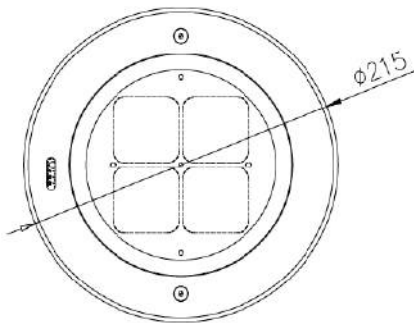
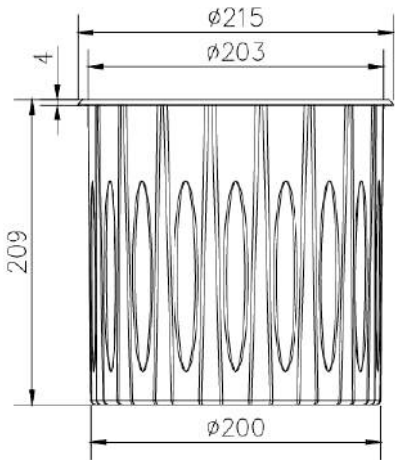
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	215X209 (mm)
Weight	5.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	30

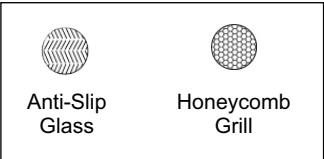
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



#### Accessories:



# Inground DS2220RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 1640
Efficacy (lm/W)	82
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	20 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

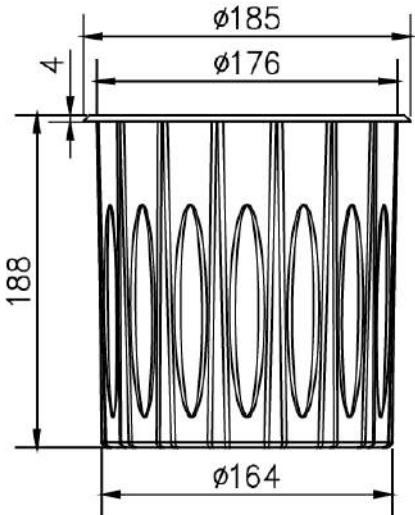
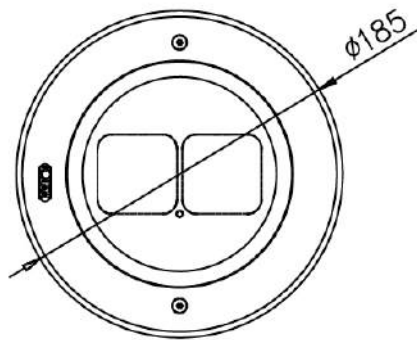
### Physical

Dimensions (Height x Width x Depth)	185X188 (mm)
Weight	4.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	60

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



#### Accessories:

Anti-Slip Glass	Honeycomb Grill



# Inground DS2221RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 850
Efficacy (lm/W)	85
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

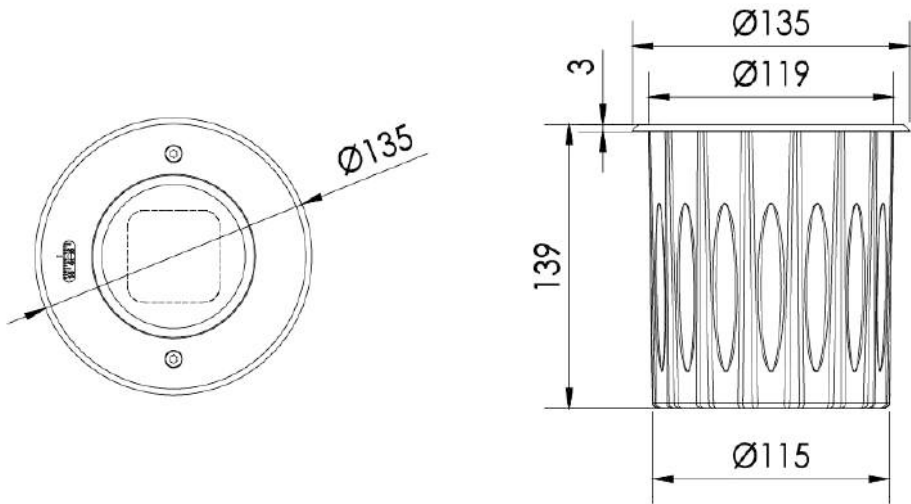
### Physical

Dimensions (Height x Width x Depth)	135X139 (mm)
Weight	1.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	120



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE



#### Accessories:

	
Anti-Slip Glass	Honeycomb Grill

# Inground DS2222RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8, 15, 20, 30, 10*70, 5*20
Lumens	Min 534
Efficacy (lm/W)	89
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

### Physical

Dimensions (Height x Width x Depth)	100X120 (mm)
Weight	1.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	60



### Certification and Safety

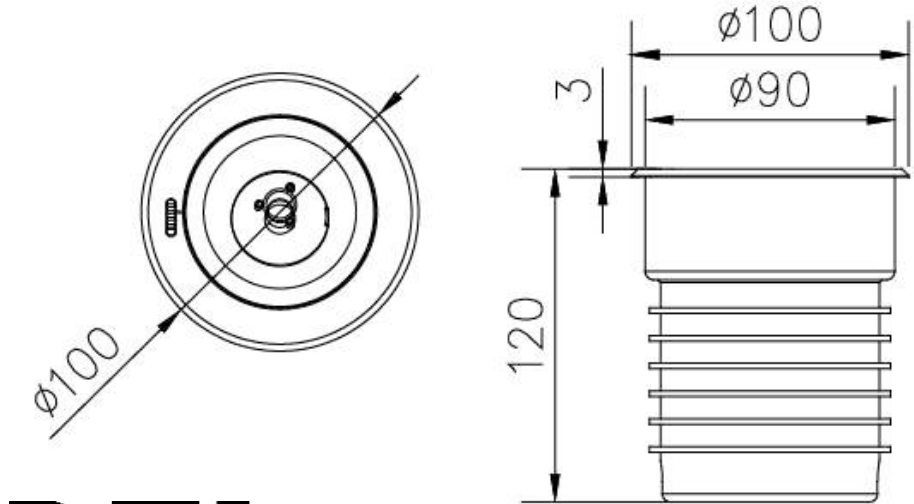
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



#### Accessories:

	
Anti-Slip Glass	Honeycomb Grill



# Inground DS2223RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,12.5, 30, 45, 60
Lumens	Min 350
Efficacy (lm/W)	100
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	3.5 watts
Frequency Range	50/60Hz

### Control Mode

Interface	PWM/CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

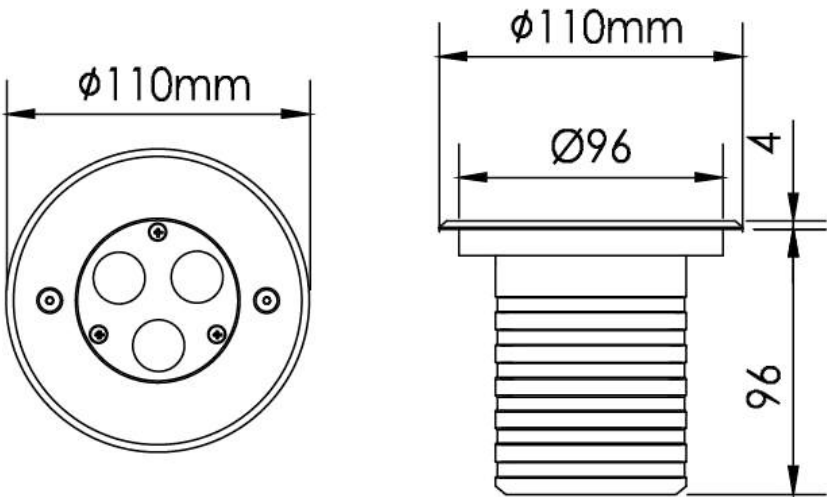
### Physical

Dimensions (Height x Width x Depth)	110X96 (mm)
Weight	1 Kg
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	300



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



#### Accessories:

	
Anti-Slip Glass	Honeycomb Grill

# Inground DS2224RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	25,120
Lumens	Min 162
Efficacy (lm/W)	108
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	1.5 watts
Frequency Range	50/60Hz

### Control Mode

Interface	PWM/CC
-----------	--------

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

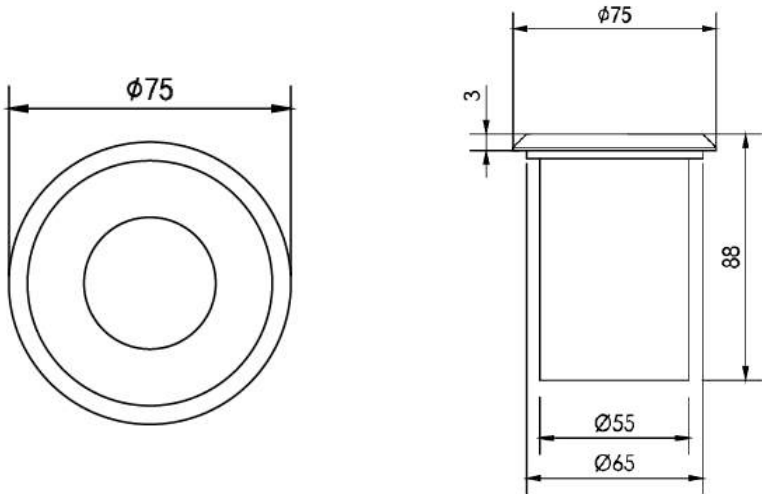
### Physical

Dimensions (Height x Width x Depth)	75X88 (mm)
Weight	0.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	260

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Inground DS2225RM

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 25
Efficacy (lm/W)	50
LED Channels	3000K/4000K

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	0.5 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

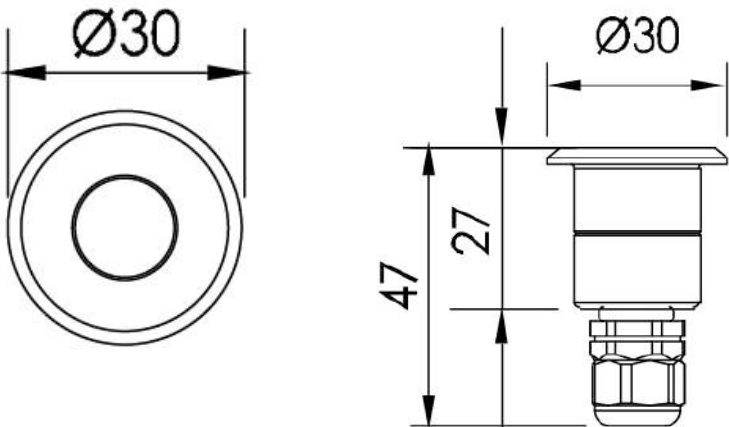
### Physical

Dimensions (Height x Width x Depth)	30X47 (mm)
Weight	0.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	160

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCe









# Linear DS1401L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 , 15 , 20, 30 , 45, 5*20
Lumens	Min 9350
Efficacy (lm/W)	46.75
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	200 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

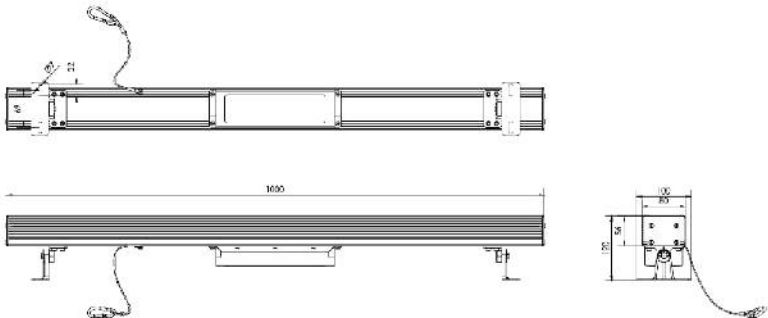
### Physical

Dimensions (Height x Width x Depth)	1000X120X80 (mm)
Weight	6.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	6



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Linear DS1402L

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 , 15 , 20, 30 , 45, 5*20
Lumens	Min 5173
Efficacy (lm/W)	51.73
LED Channels	RGBW

### Electrical

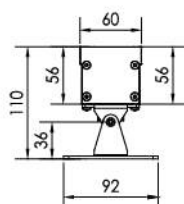
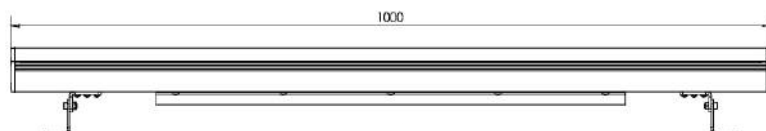
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	1000X110X60 (mm)
Weight	4.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	12

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:



Anti-Glare  
Shield



Honeycomb  
Grill



# Linear DS1403L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 45, 60, 15*60, 15 *25
Lumens	Min 1641
Efficacy (lm/W)	34.18
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	48 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

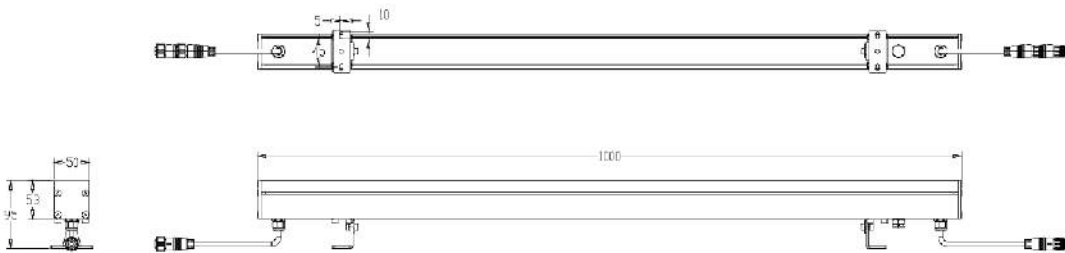
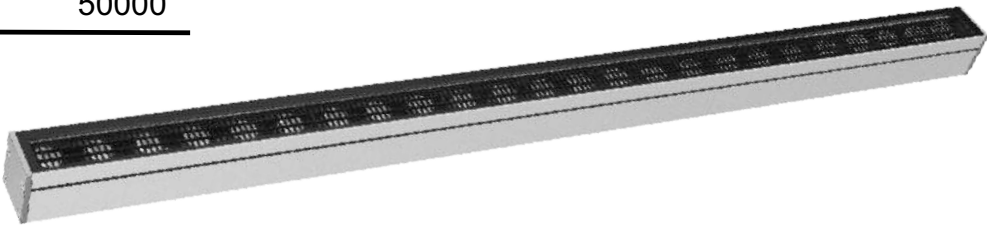
### Physical

Dimensions (Height x Width x Depth)	1000X95X50 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	5



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Linear DS1404L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	15, 20, 30,60, 15*60, 15 *30
Lumens	Min 1224
Efficacy (lm/W)	34
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	36 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

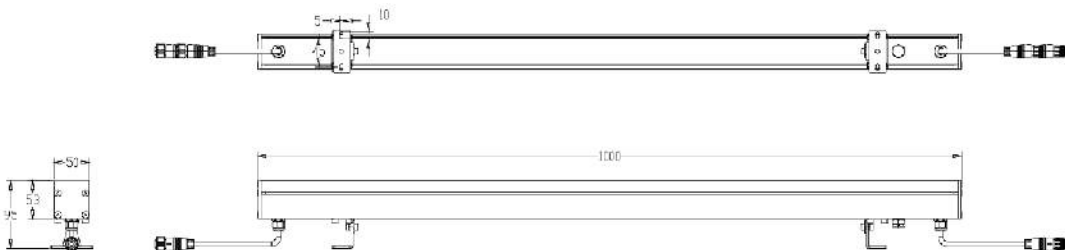
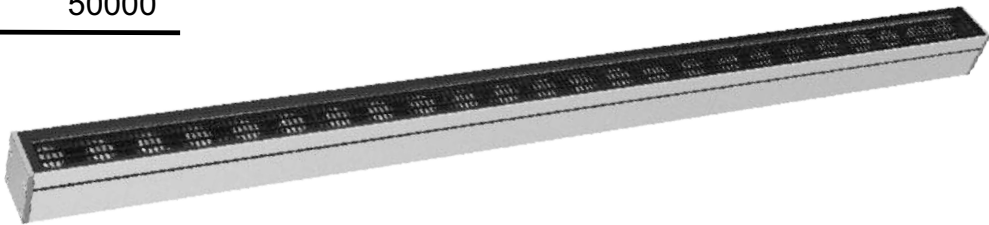
### Physical

Dimensions (Height x Width x Depth)	1000X95X50 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	6

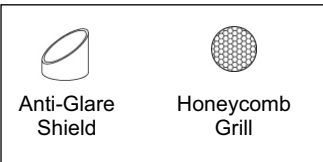
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE



#### Accessories:



# Linear DS1405L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 30 45,60, 25*45
Lumens	Min 852
Efficacy (lm/W)	35.5
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	24 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

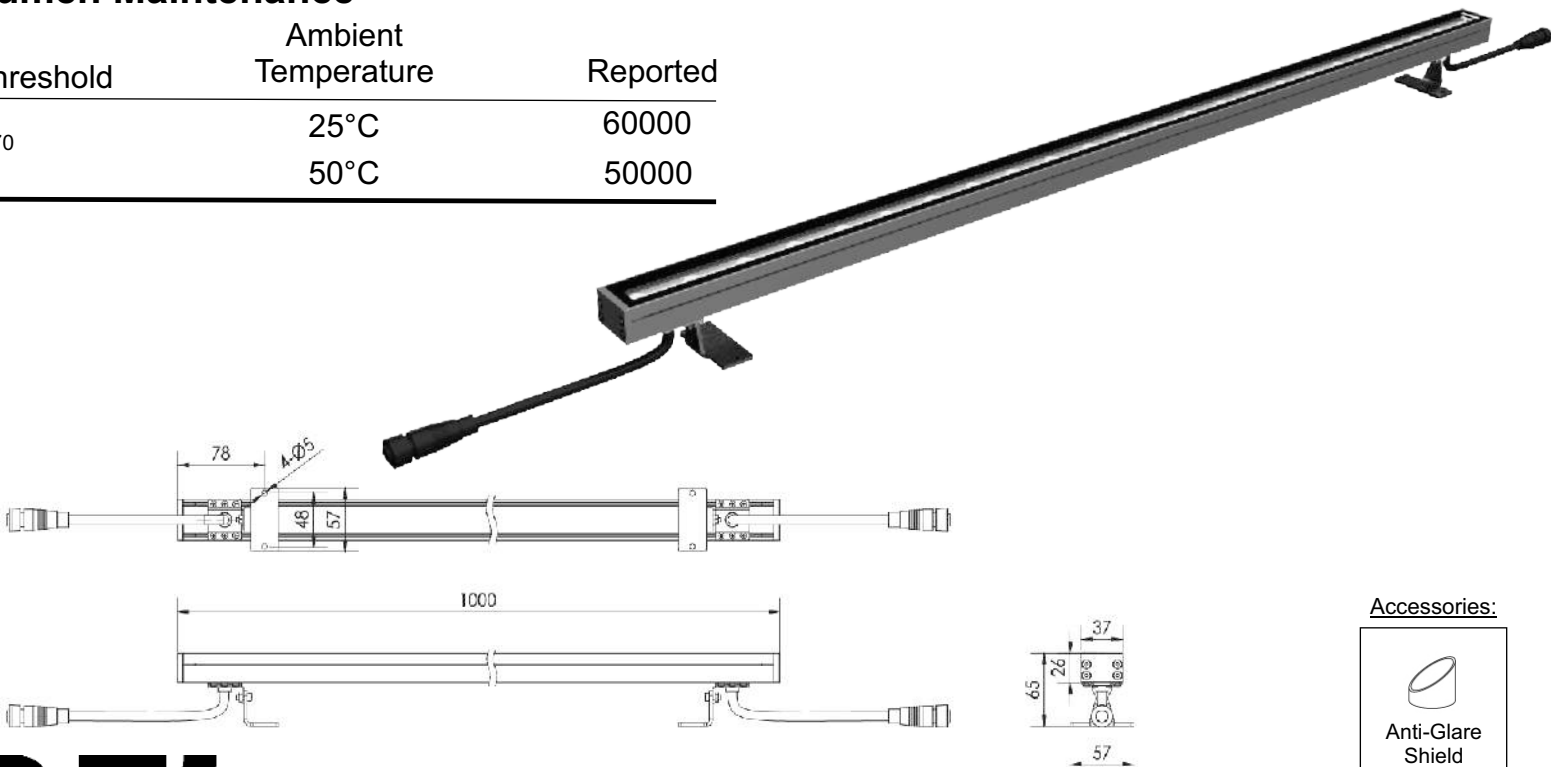
### Physical

Dimensions (Height x Width x Depth)	1000X65X37(mm)
Weight	1.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	6

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Accessories:



Anti-Glare  
Shield

# Linear DS1406L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 30 45,60, 25*45
Lumens	Min 593
Efficacy (lm/W)	49.4
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	12 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

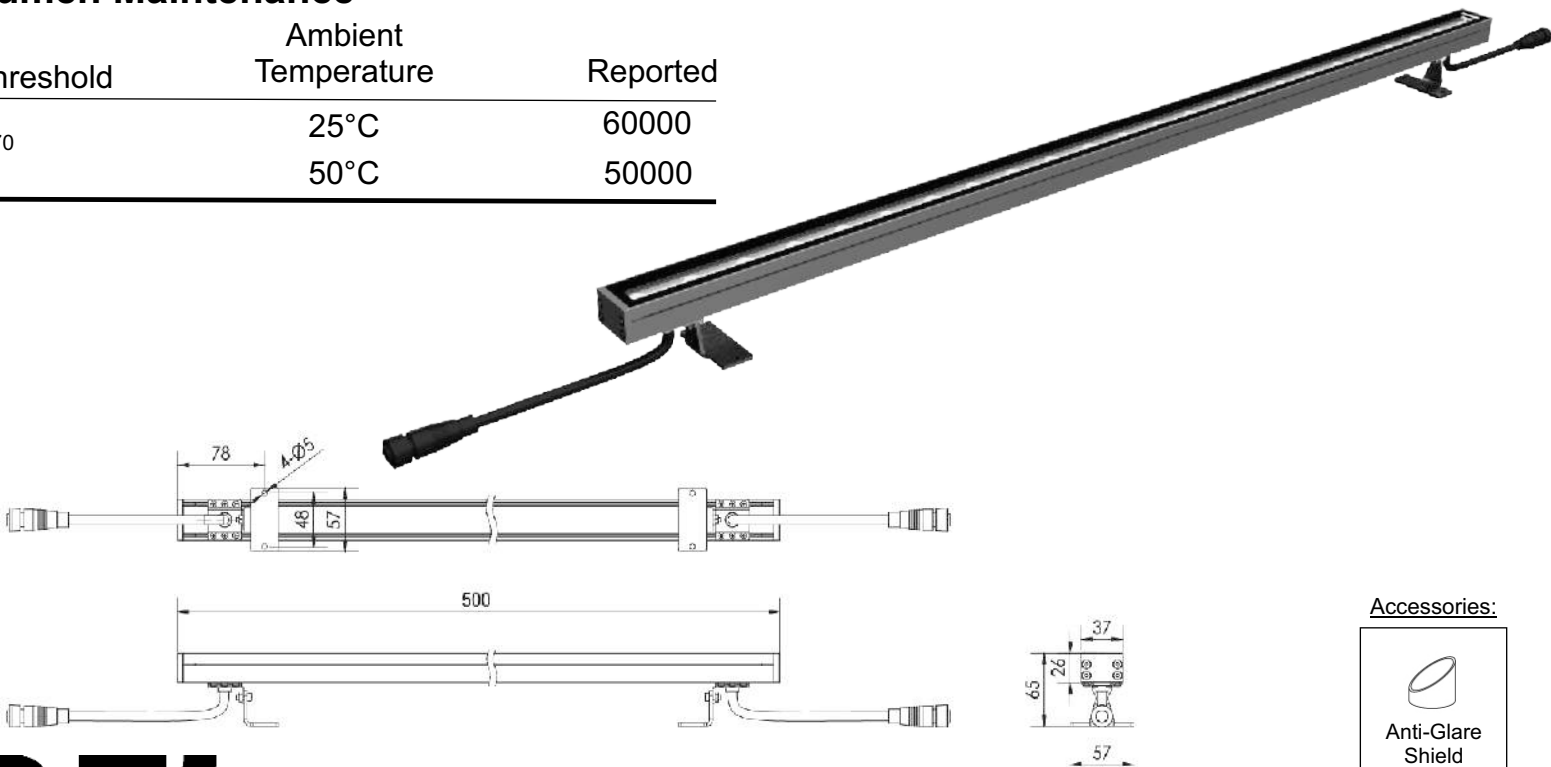
### Physical

Dimensions (Height x Width x Depth)	500X65X37(mm)
Weight	0.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	12

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Accessories:



Anti-Glare  
Shield

# Linear DS1407L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6, 12, 20, 30, 45, 60, 10*70, 5*20
Lumens	Min 16800
Efficacy (lm/W)	84
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	200 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

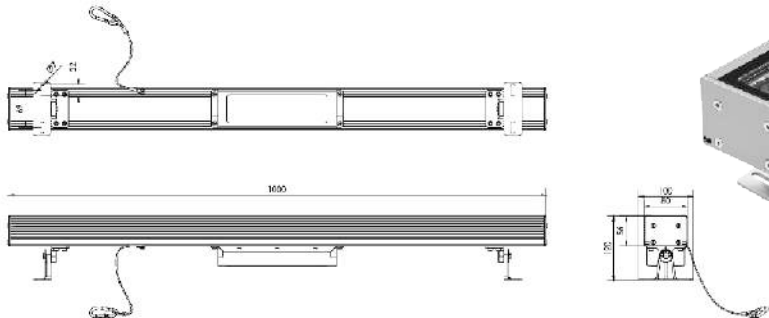
### Physical

Dimensions (Height x Width x Depth)	1000X120X80 (mm)
Weight	6.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	6



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill



# Linear DS1408L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6, 12, 20, 30, 45, 60, 10*70, 5*20
Lumens	Min 8265
Efficacy (lm/W)	87
LED Channels	3000K/4000K

### Electrical

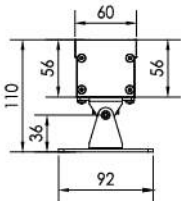
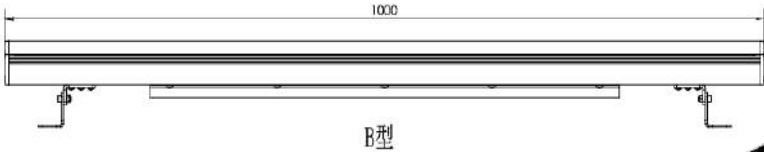
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	95 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	1000X110X60 (mm)
Weight	4.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	6



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Linear DS1409L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6, 12, 20, 30, 45, 60, 10*70, 5*20
Lumens	Min 4284
Efficacy (lm/W)	89.2
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	48 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

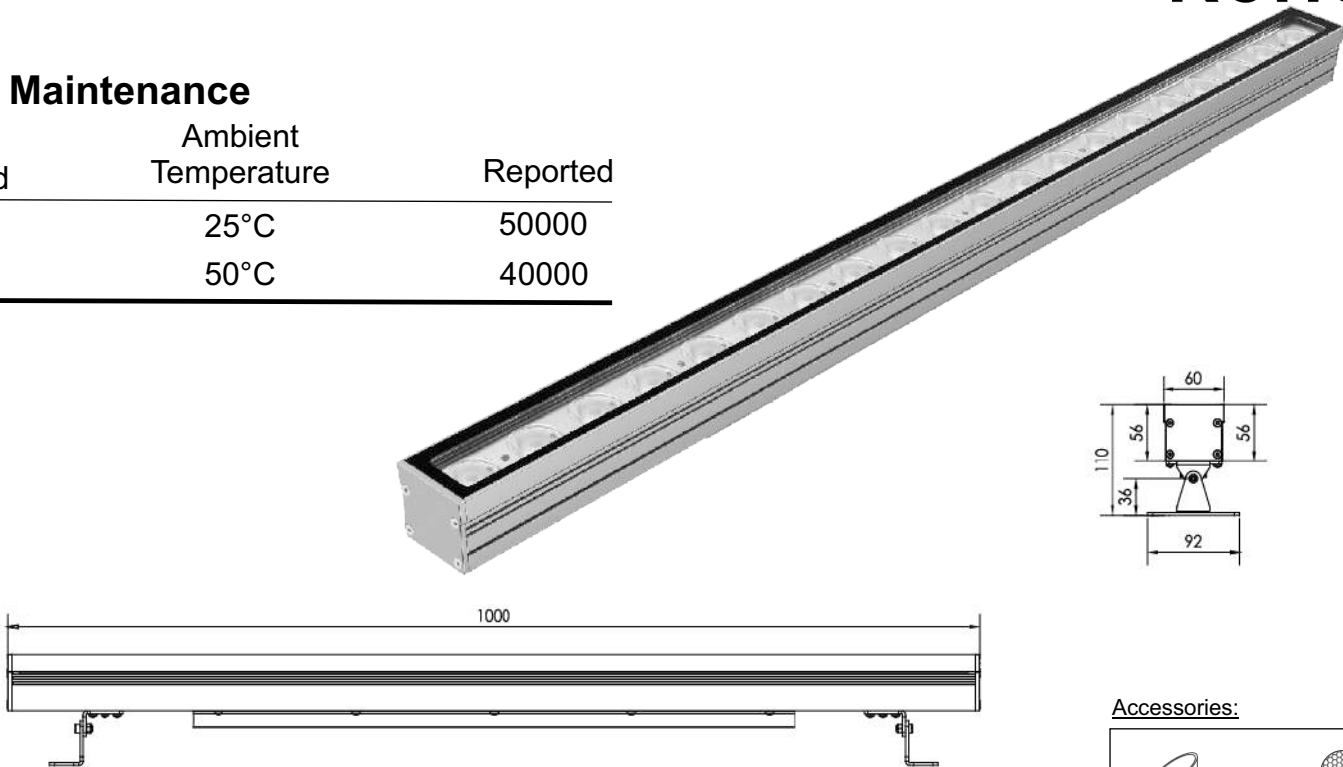
### Physical

Dimensions (Height x Width x Depth)	1000X110X60 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	12



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCe



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Linear DS1410L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	15, 20, 30, 60, 15*30, 15*60
Lumens	Min 3258
Efficacy (lm/W)	90.5
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	36 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

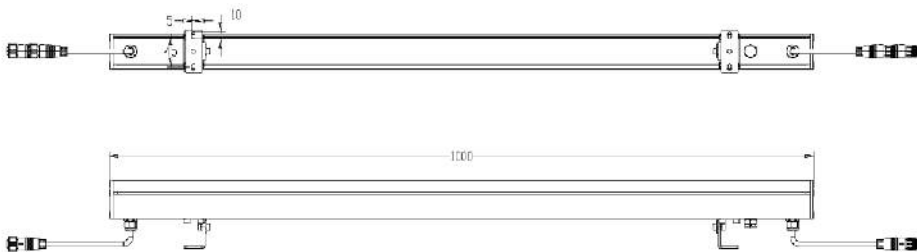
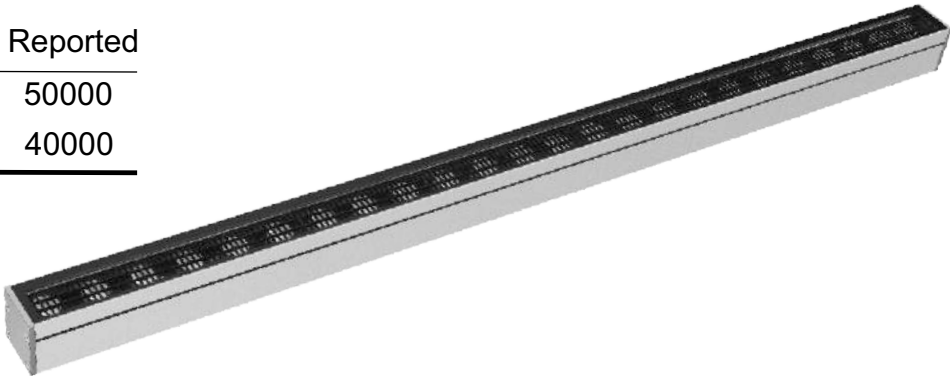
### Physical

Dimensions (Height x Width x Depth)	1000X95X50 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	60

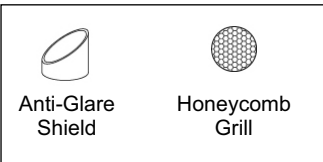
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



#### Accessories:



# Linear DS1411L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 1754
Efficacy (lm/W)	73
LED Channels	3000K/4000K

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	24 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Physical

Dimensions (Height x Width x Depth)	1000X65X37 (mm)
Weight	1.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	90

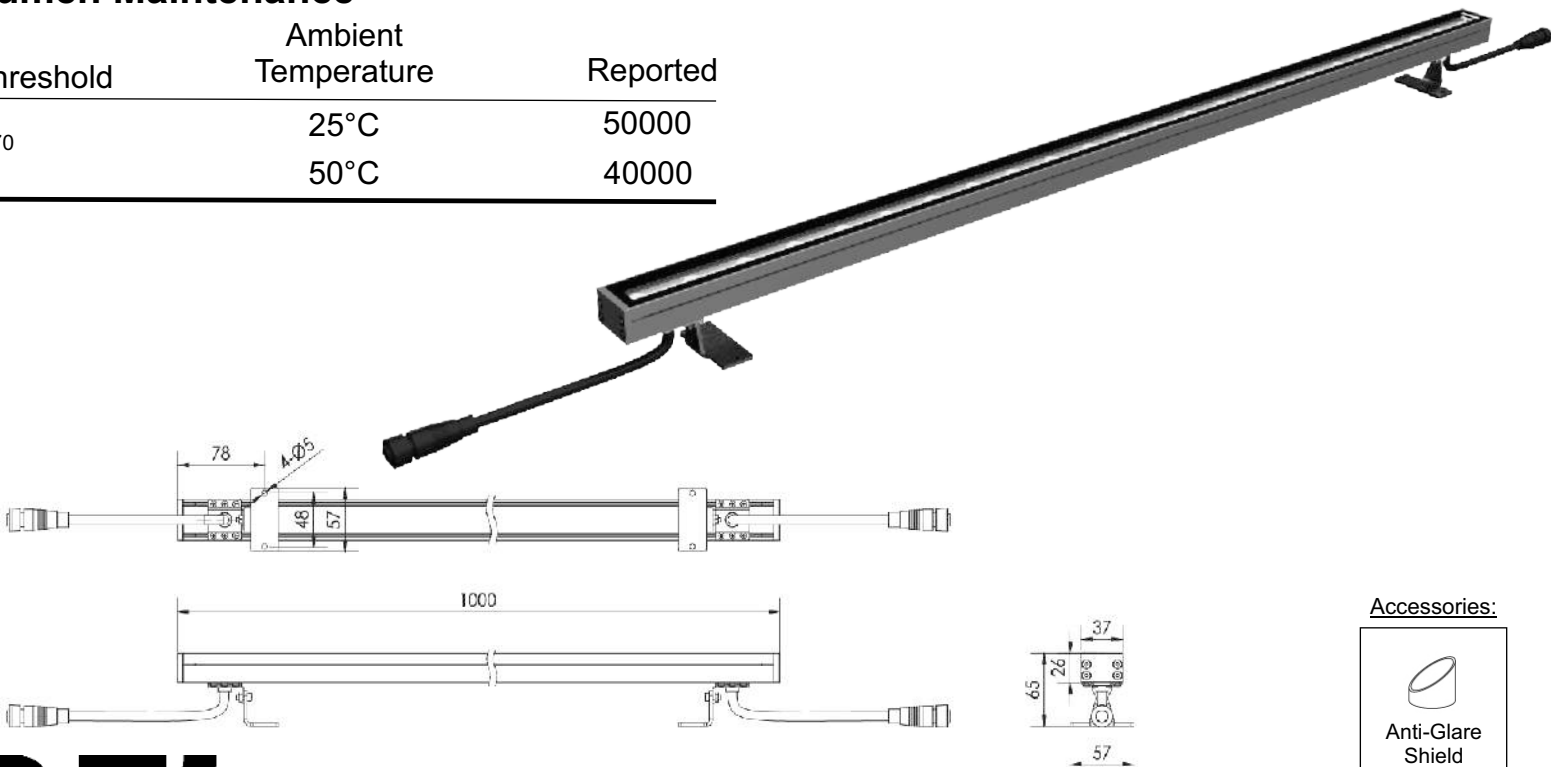
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



Accessories:



Anti-Glare  
Shield

# Linear DS1412L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 840
Efficacy (lm/W)	70
LED Channels	3000K/4000K

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	12 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Physical

Dimensions (Height x Width x Depth)	500X65X37 (mm)
Weight	0.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	12

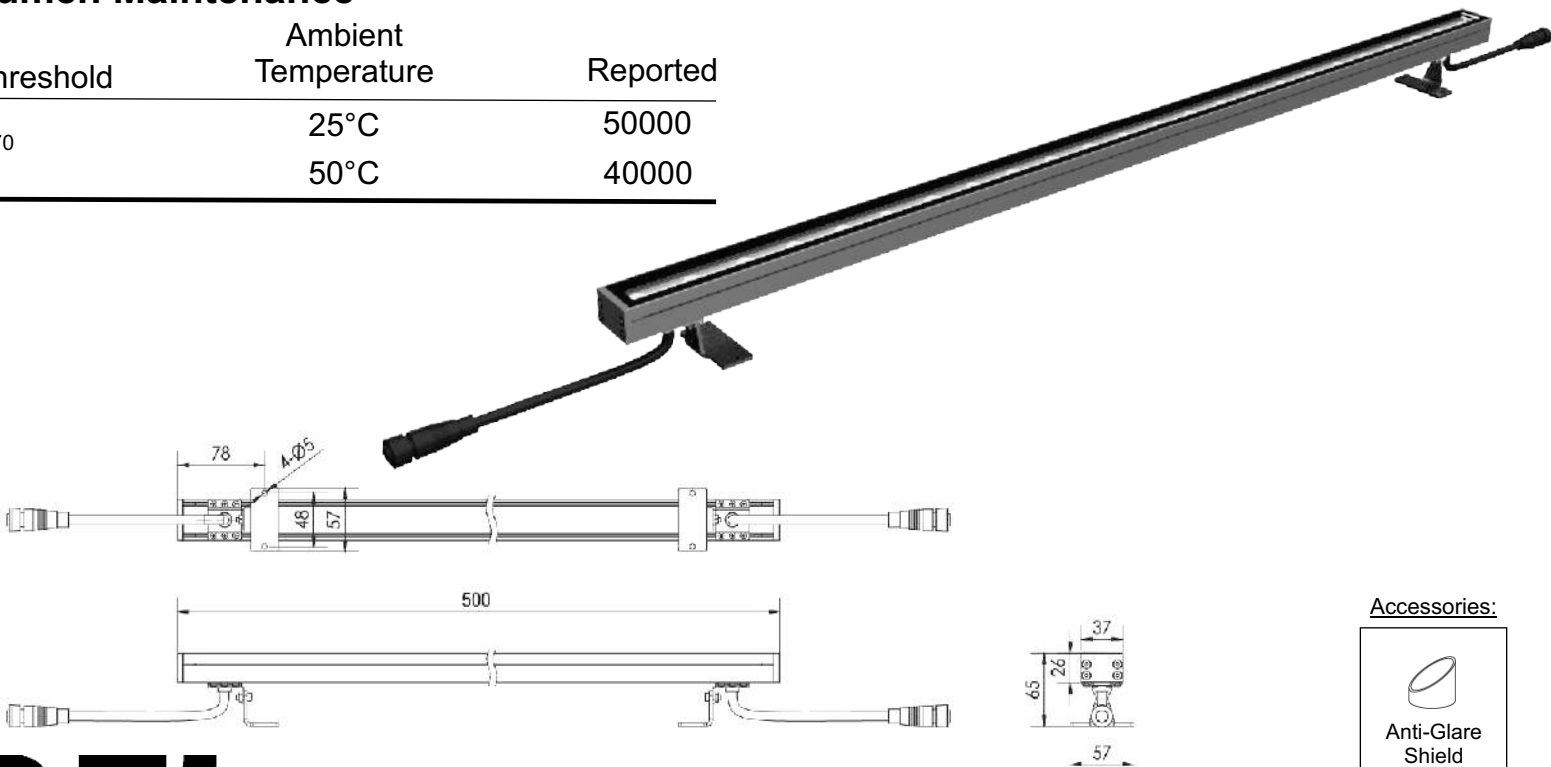
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



#### Accessories:





# Linear DS1413L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 840
Efficacy (lm/W)	70
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	9 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses: Inhouse protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

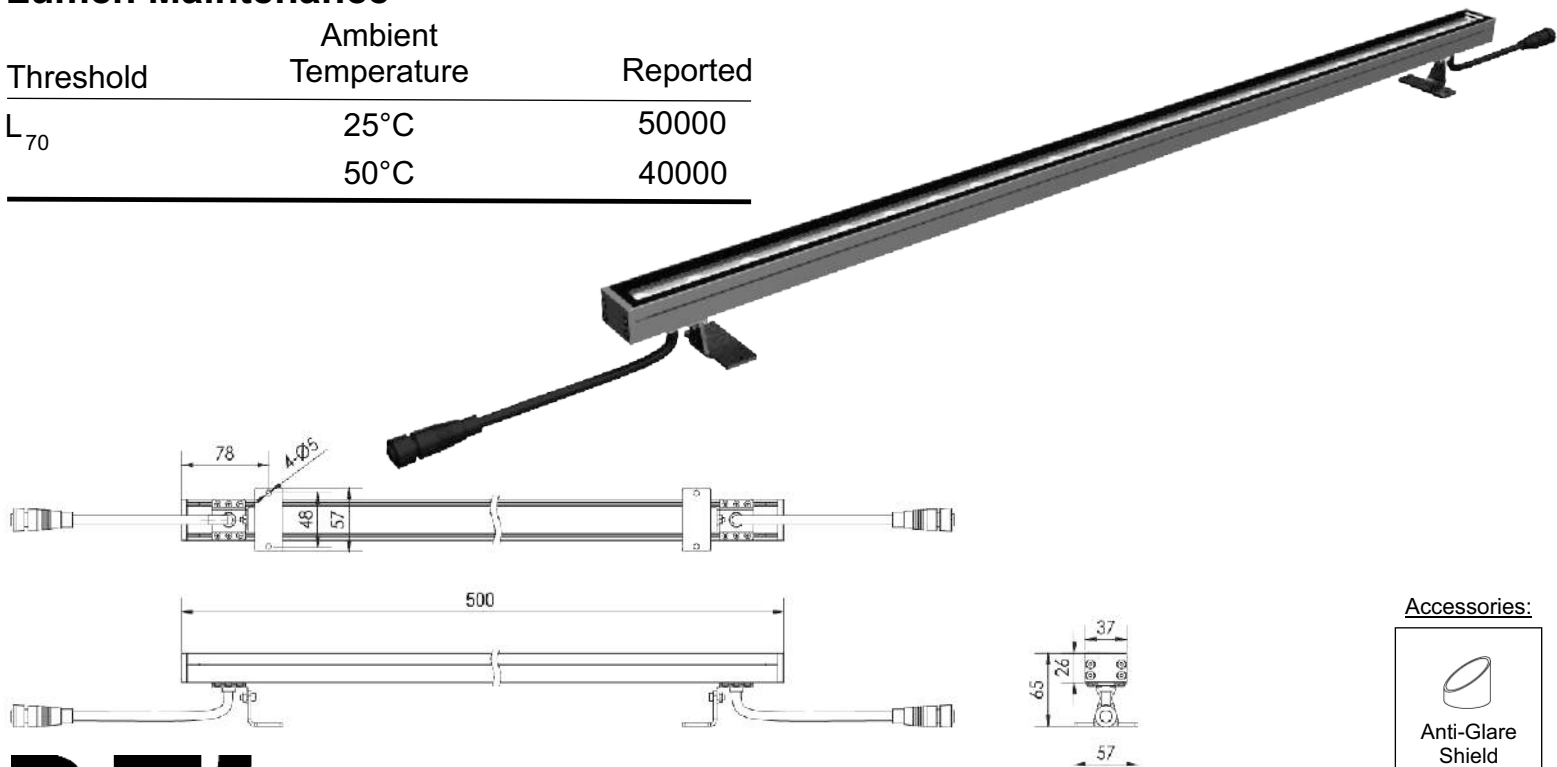
### Physical

Dimensions (Height x Width x Depth)	500X65X37 (mm)
Weight	0.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	16

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Accessories:



# Linear DS1414L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 390
Efficacy (lm/W)	65
LED Channels	3000K/4000K

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

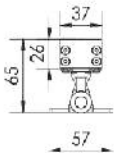
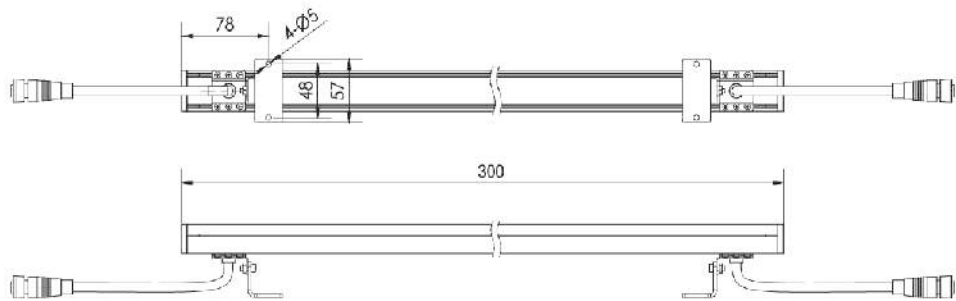
### Physical

Dimensions (Height x Width x Depth)	300X65X37 (mm)
Weight	0.66 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	24

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE



#### Accessories:



# Square DS1210F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 2964
Efficacy (lm/W)	24.7
LED Channels	RGBW

### Electrical

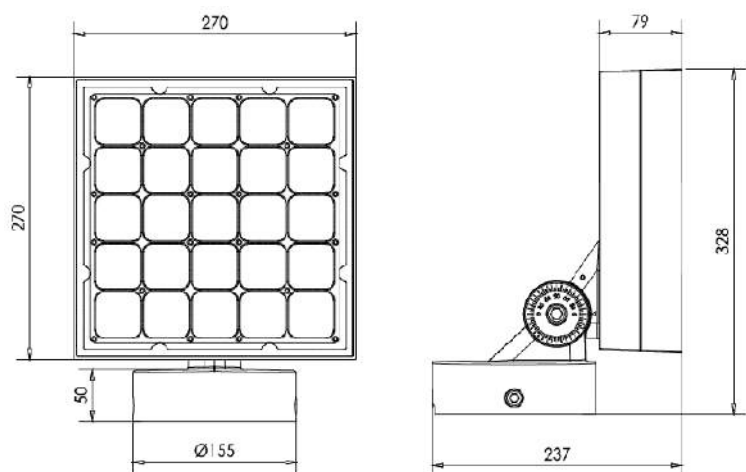
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	120 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



**DARK**  
SPACE

### Physical

Dimensions (Height x Width x Depth)	270X270X79 (mm)
Weight	8.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	13




### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

		
Round-Meshed Grill	Honeycomb Grill	Anti-Glare Shield

# Square DS1211F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 1850
Efficacy (lm/W)	24.6
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	75 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

### Physical

Dimensions (Height x Width x Depth)	220X220X74 (mm)
Weight	4.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	13




### Certification and Safety

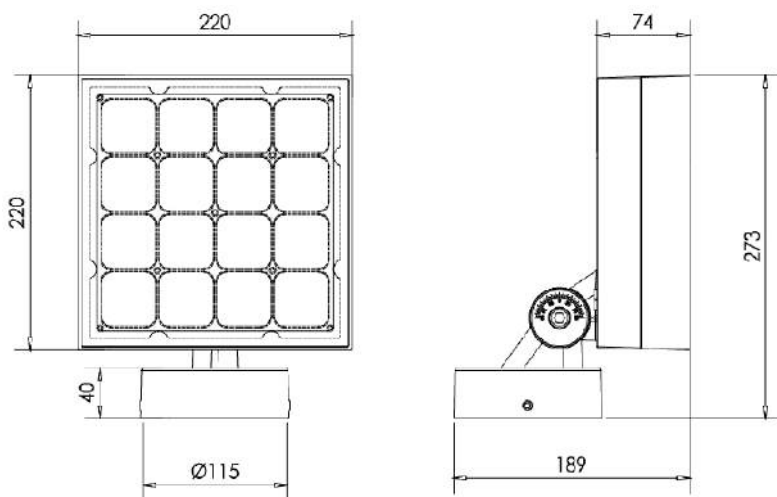
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

		
Round-Meshed Grill	Honeycomb Grill	Anti-Glare Shield



# Square DS1212F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 1652
Efficacy (lm/W)	41.3
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

### Physical

Dimensions (Height x Width x Depth)	172X172X69 (mm)
Weight	2.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	22




### Certification and Safety

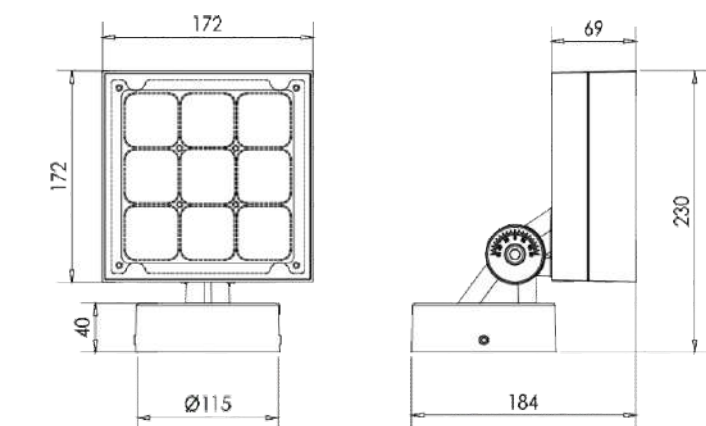
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

		
Round-Meshed Grill	Honeycomb Grill	Anti-Glare Shield





# Square DS1213F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 800
Efficacy (lm/W)	40
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	20 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

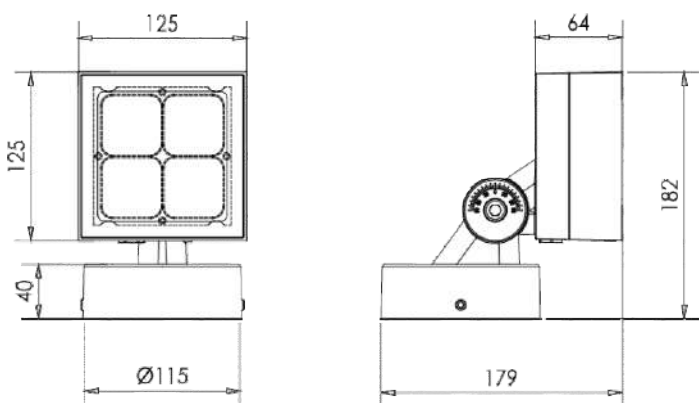
### Physical

Dimensions (Height x Width x Depth)	125X125X64 (mm)
Weight	2.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	66




### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

		
Round-Meshed Grill	Honeycomb Grill	Anti-Glare Shield

# Square DS1214F

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8, 15, 20, 30 , 15*60
Lumens	Min 390
Efficacy (lm/W)	39
LED Channels	RGBW

### Electrical

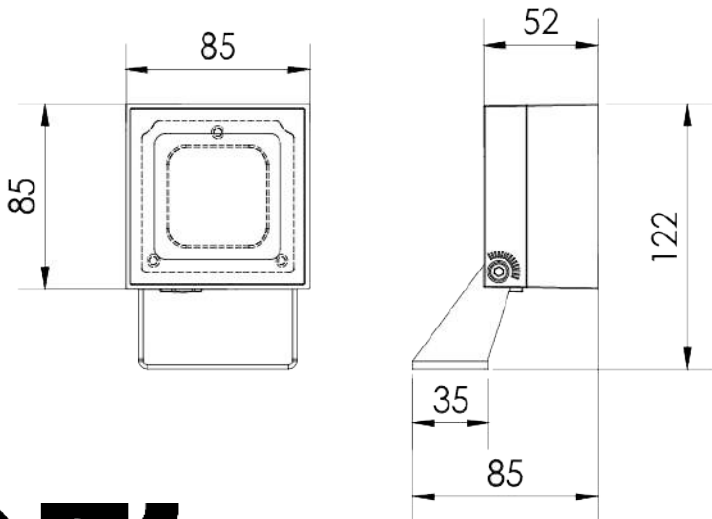
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	85X85X122 (mm)
Weight	0.35 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	60




### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

		
Round-Meshed Grill	Honeycomb Grill	Anti-Glare Shield

# Square DS1215F

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	20, 45 ,60, 15*25, 15*60
Lumens	Min 240
Efficacy (lm/W)	40
LED Channels	RGBW

### Electrical

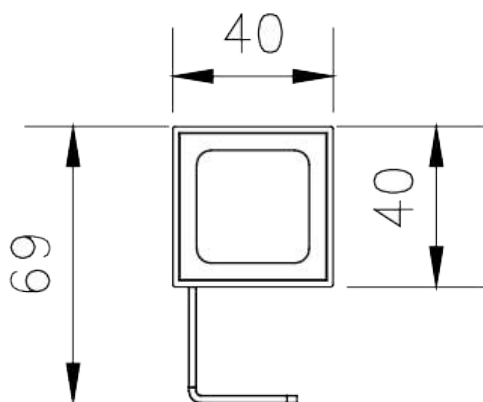
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	40X40X69 (mm)
Weight	0.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	60




### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

		
Round-Meshed Grill	Honeycomb Grill	Anti-Glare Shield

# Rectangle DS1510U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4.5, 8, 12, 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 27360
Efficacy (lm/W)	34.2
LED Channels	RGBW

### Electrical

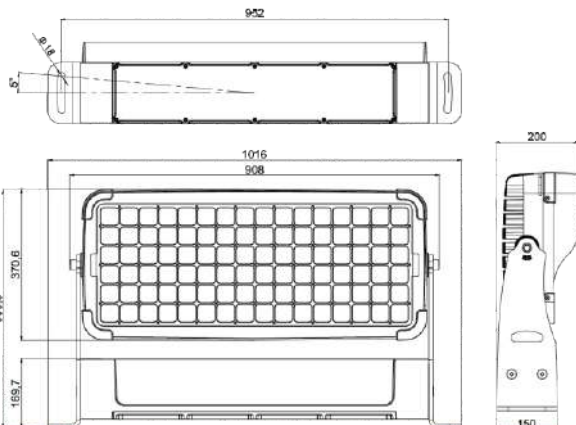
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	800 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses:	Inhouse DMX 512 Protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	585X908X200 (mm)
Weight	44.65 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	1

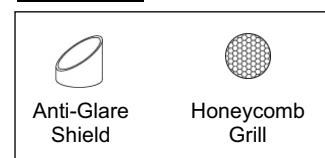
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:



# Rectangle DS1511U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2.6, 6, 12, 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 14658
Efficacy (lm/W)	34.9
LED Channels	RGBW

### Electrical

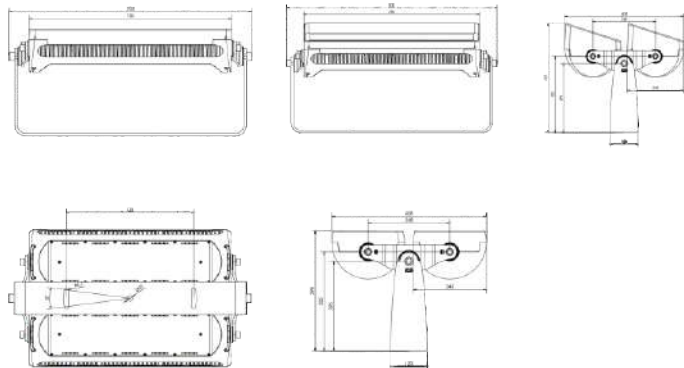
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	420 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	585X908X200 (mm)
Weight	42.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	2



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill



# Rectangle DS1512U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2.6, 6, 12, 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 7644
Efficacy (lm/W)	36.4
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	210 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

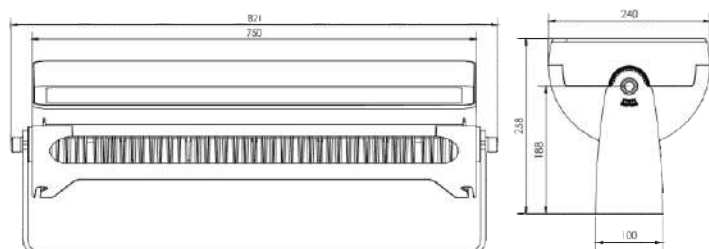
### Physical

Dimensions (Height x Width x Depth)	258X821X240 (mm)
Weight	20.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	4



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Rectangle DS1513U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2.6, 6, 12, 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 5235
Efficacy (lm/W)	34.9
LED Channels	RGBW

### Electrical

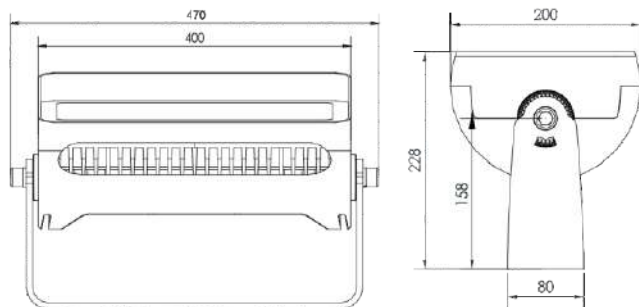
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses:	Inhouse DMX 512 Protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	228X400X200 (mm)
Weight	9.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	8



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Rectangle DS1514U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2.6, 6, 12, 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 3650
Efficacy (lm/W)	50.7
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	72 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000

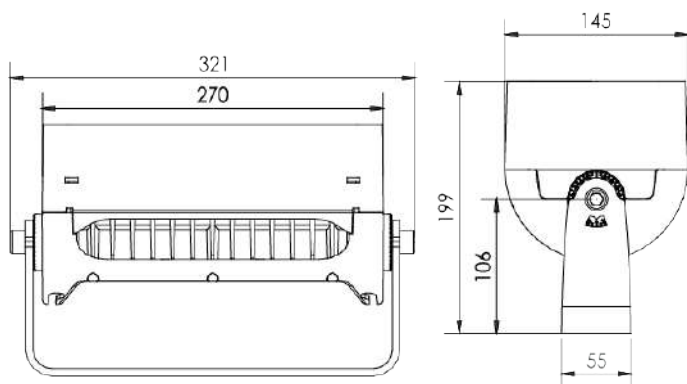
### Physical

Dimensions (Height x Width x Depth)	199X270X145 (mm)
Weight	4.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	12



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Chain DS1810C

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 ,15 , 20, 30 ,45, 15* 60
Lumens	Min 4665
Efficacy (lm/W)	32.4
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	144 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

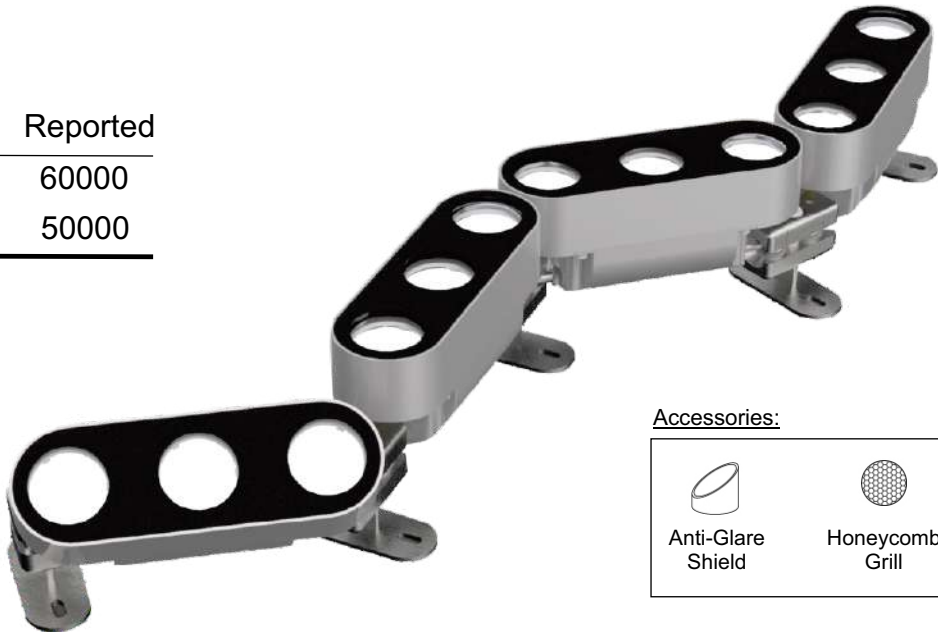
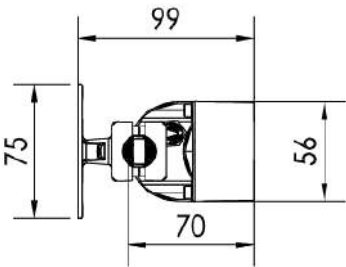
### Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	6.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	1

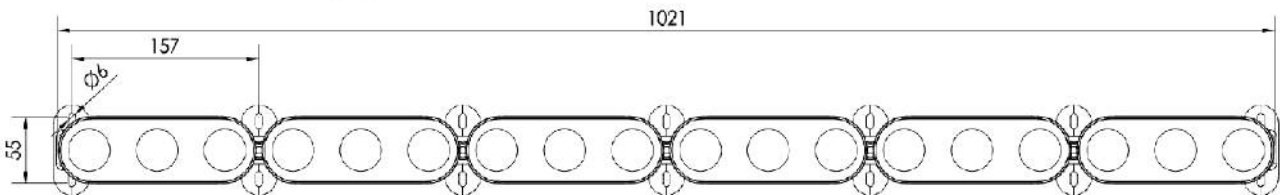
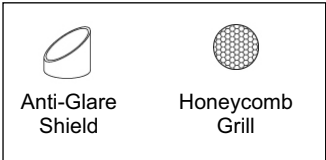
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



#### Accessories:



# Chain DS1811C

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 ,15 , 20, 30 ,45, 15* 60
Lumens	Min 2332
Efficacy (lm/W)	32.3
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	72 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

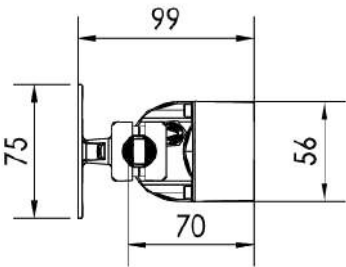
### Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	2.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	2

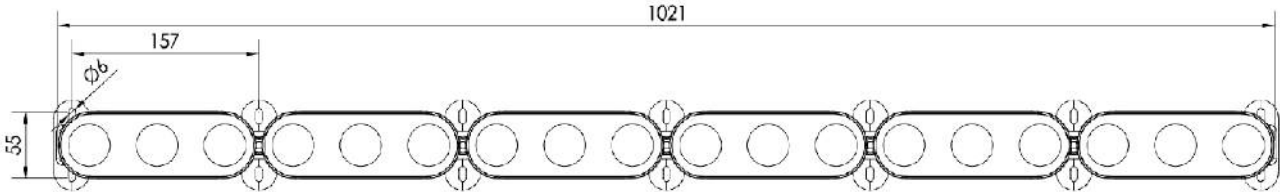
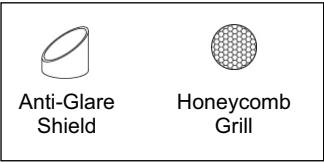
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCe



#### Accessories:





# Chain DS1812C

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	10, 20, 30 , 15* 60
Lumens	Min 1260
Efficacy (lm/W)	35
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	36 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

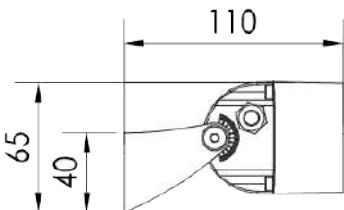
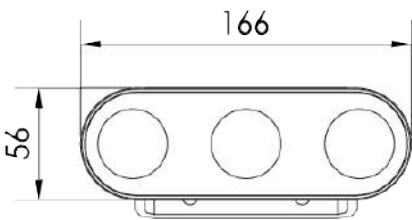
### Physical

Dimensions (Height x Width x Depth)	508X110X56 (mm)
Weight	3.09 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	4

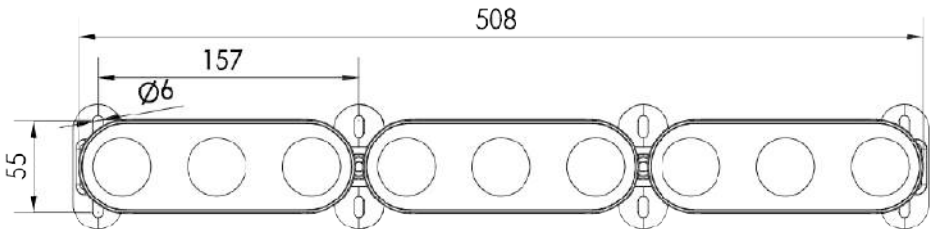
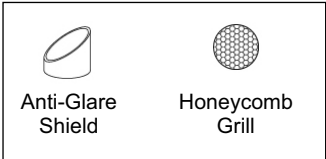
### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



Accessories:



# Chain DS1813C

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	10, 20, 30 , 15* 60
Lumens	Min 432
Efficacy (lm/W)	36
LED Channels	RGBW

### Electrical

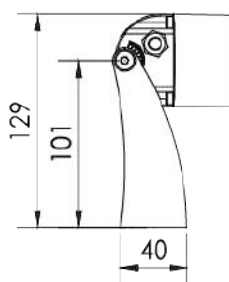
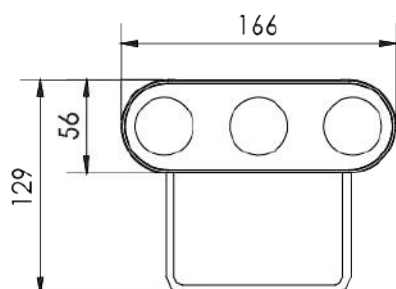
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	12 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	166X129X56 (mm)
Weight	0.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	12



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Chain DS1814C

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6,12, 20, 30, 45 , 60, 10* 70 , 5*20
Lumens	Min 5698
Efficacy (lm/W)	73.3
LED Channels	3000K/4000K

### Electrical

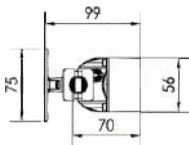
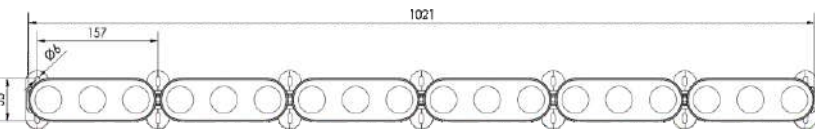
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	90 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



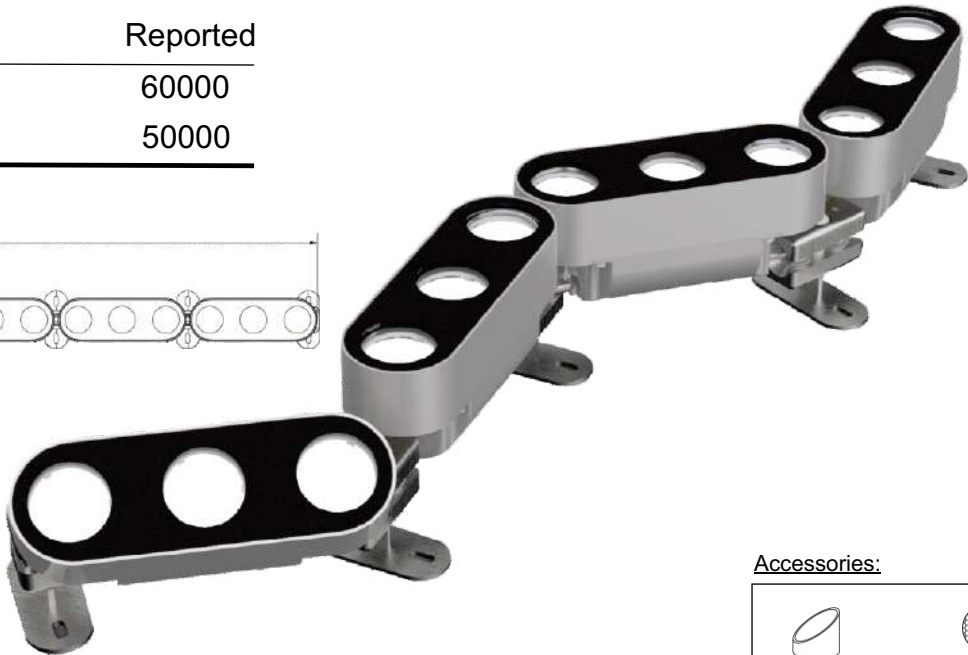
### Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	5.55 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	14



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Chain DS1815C

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6,12, 20, 30 , 45 , 60,10* 70, 5*20
Lumens	Min 4320
Efficacy (lm/W)	72
LED Channels	3000K/4000K

### Electrical

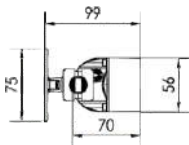
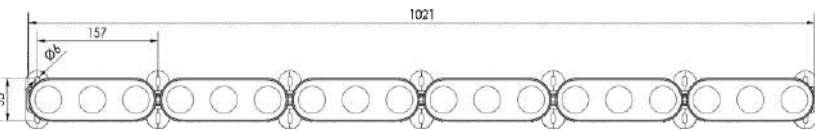
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



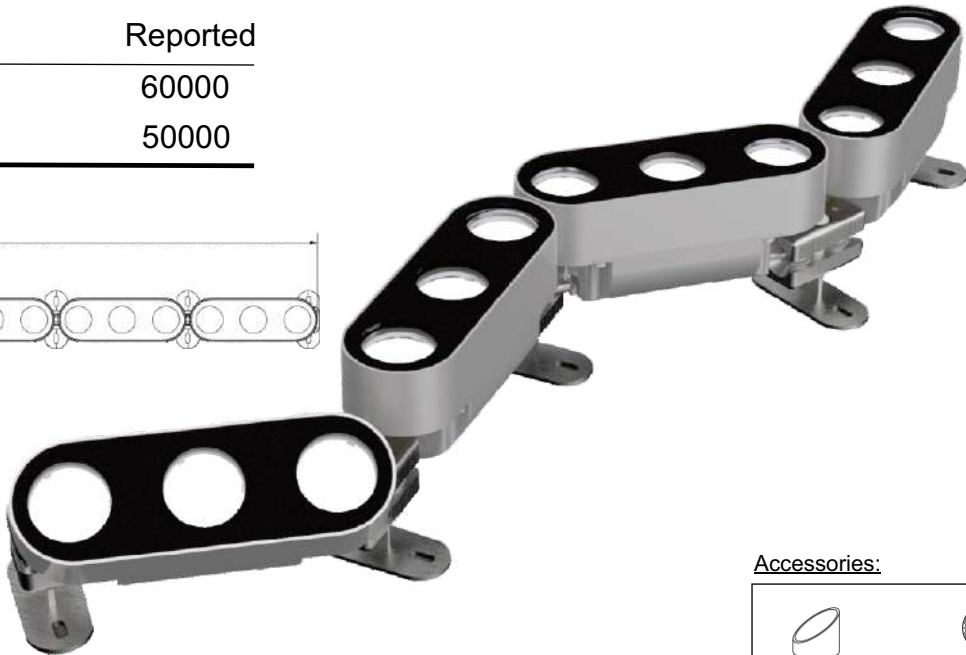
### Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	5.15 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	22



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill

# Chain DS1816C

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6,12, 20, 30,45 , 60, 10* 70 , 5*20
Lumens	Min 1820
Efficacy (lm/W)	75.8
LED Channels	3000K/4000K

### Electrical

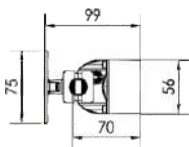
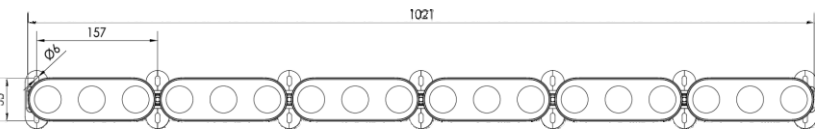
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	24 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



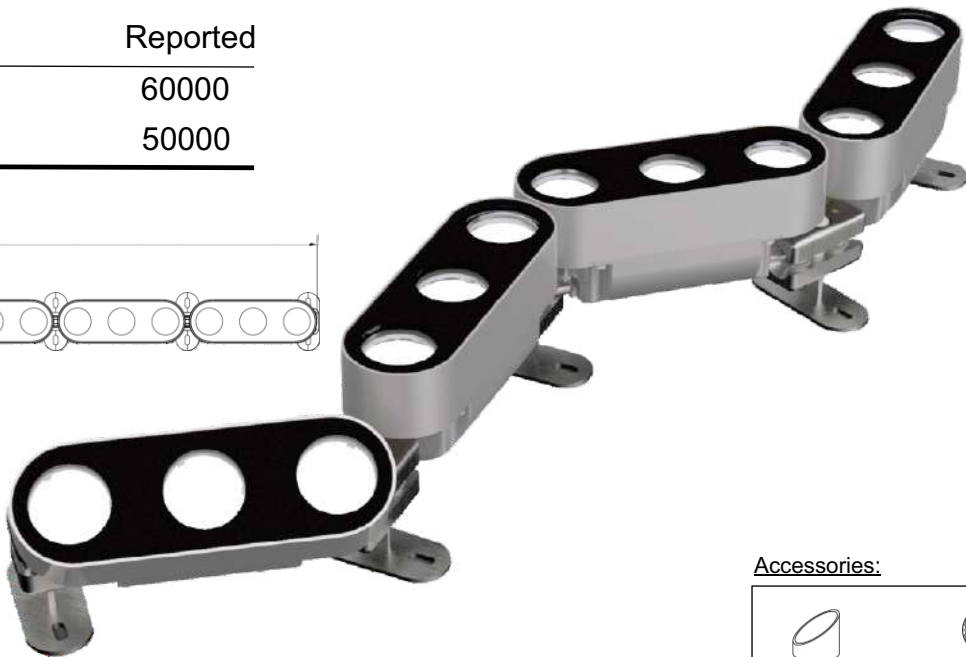
### Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	1.65 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	55



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

	
Anti-Glare Shield	Honeycomb Grill







# Tree DS1010T

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	5,8 , 12.5 , 30 , 10* 60
Lumens	Min 5900
Efficacy (lm/W)	39.3
LED Channels	RGBW

### Electrical

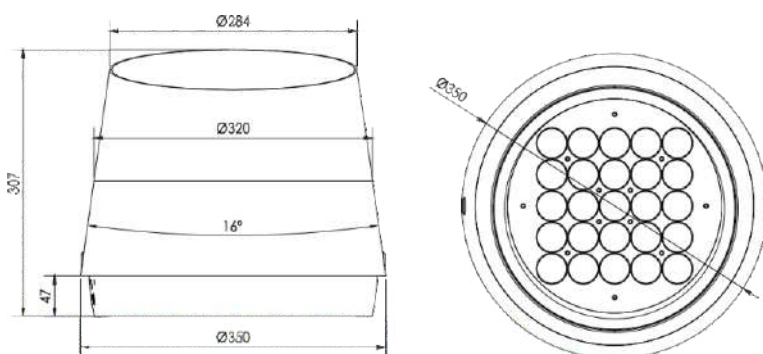
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	350X307 (mm)
Weight	9.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	6

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Tree DS1011T

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	5,8 , 12.5 , 30 , 10* 60
Lumens	Min 4000
Efficacy (lm/W)	40
LED Channels	RGBW

### Electrical

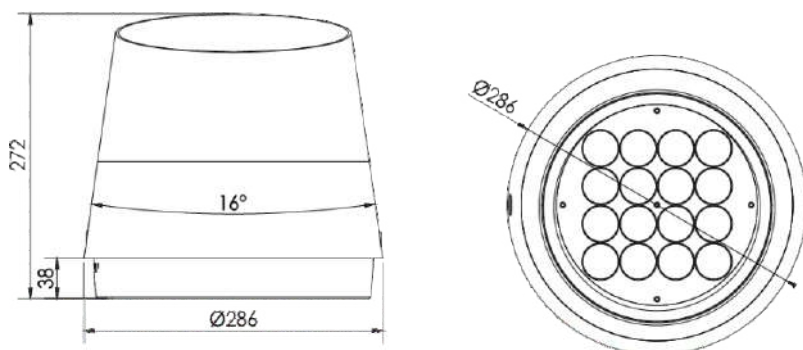
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	286X272 (mm)
Weight	6.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	12

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Tree DS1012T

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	5,8 , 12.5 , 30 , 10* 60
Lumens	Min 2520
Efficacy (lm/W)	42
LED Channels	RGBW

### Electrical

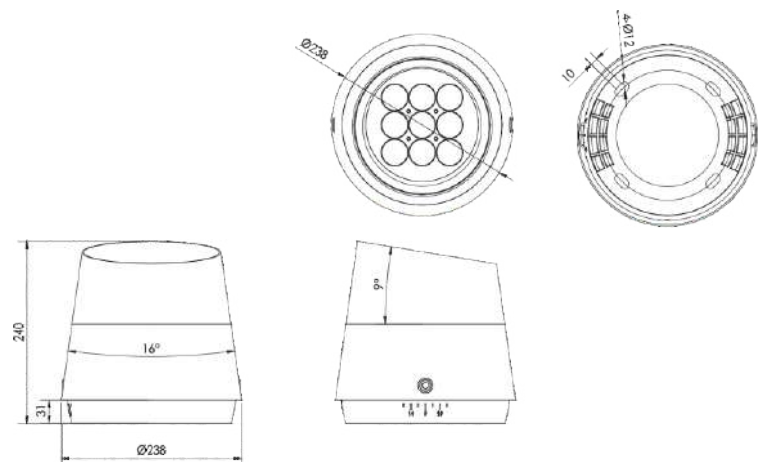
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	238X240 (mm)
Weight	4.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	22

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Tree DS1013T

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6, 12 ,20, 30 ,45, 60, 10* 70* 5*20
Lumens	Min 11880
Efficacy (lm/W)	99
LED Channels	3000K/4000K

### Electrical

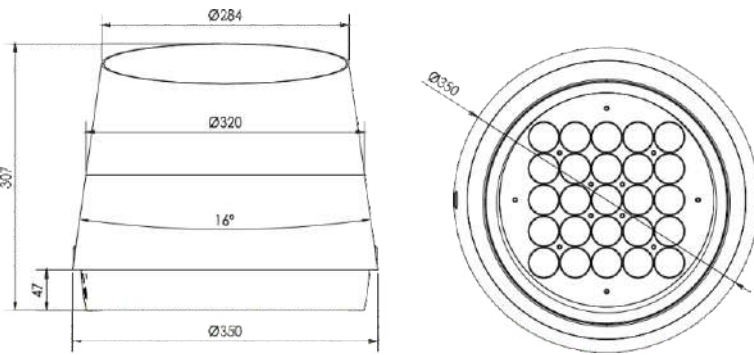
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	120 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse Protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	350X307 (mm)
Weight	9.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	12

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Tree DS1014T

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6, 12 ,20, 30 ,45, 60, 10* 70* 5*20
Lumens	Min 6750
Efficacy (lm/W)	90
LED Channels	3000K/4000K

### Electrical

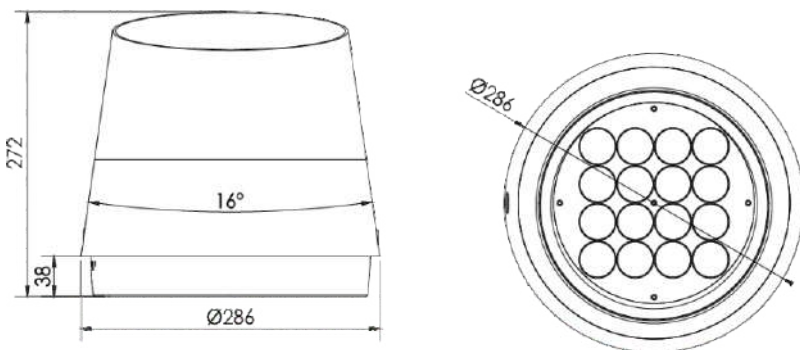
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	75 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	Uses: Inhouse Protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	80000
	50°C	60000



### Physical

Dimensions (Height x Width x Depth)	286X272 (mm)
Weight	5.95 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	16

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield

# Tree DS1015T

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	6, 12, 20, 30, 45, 60, 10* 70* 5*20
Lumens	Min 4275
Efficacy (lm/W)	95
LED Channels	3000K/4000K

### Electrical

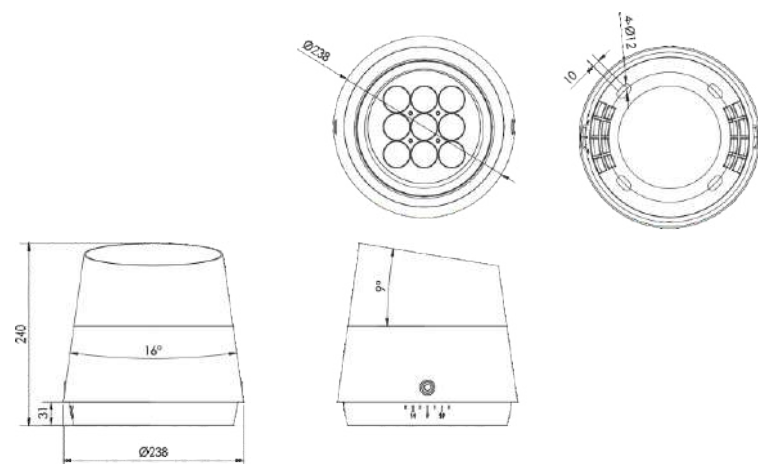
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse Protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



**DARK**  
SPACE

### Physical

Dimensions (Height x Width x Depth)	238X240 (mm)
Weight	3.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik07
Humidity	10 to 95%
Luminaire in series	28

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

**RoHS CE**



#### Accessories:

Round-Meshed Grill	Honeycomb Grill	Honeycomb Glass	Anti-Glare Shield



# Linear Inground DS1601LI

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 , 15 , 20, 30 , 45, 5*20
Lumens	Min 4675
Efficacy (lm/W)	46.75
LED Channels	RGBW

### Electrical

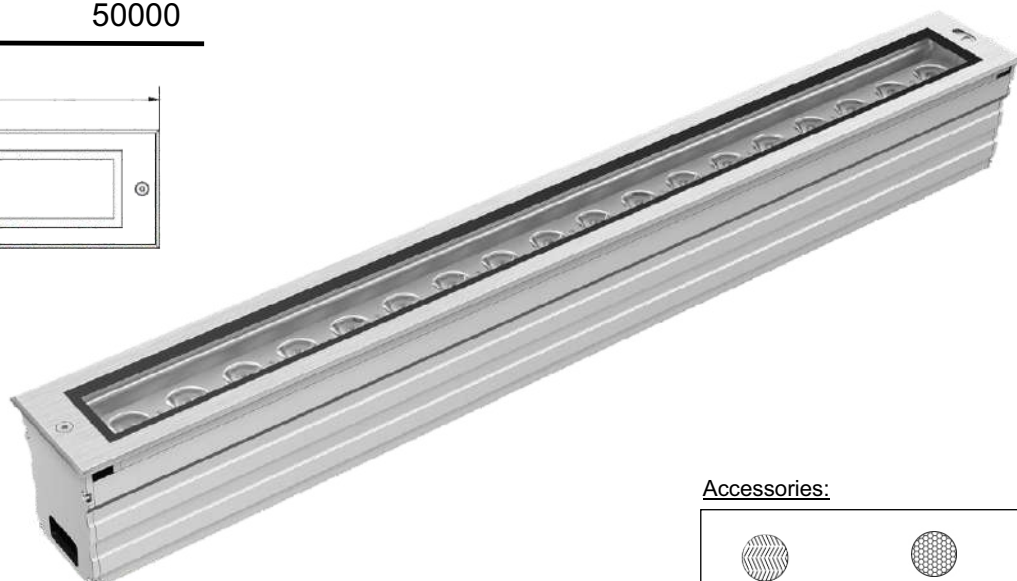
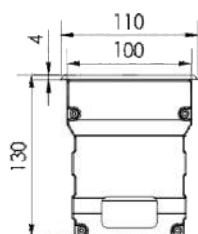
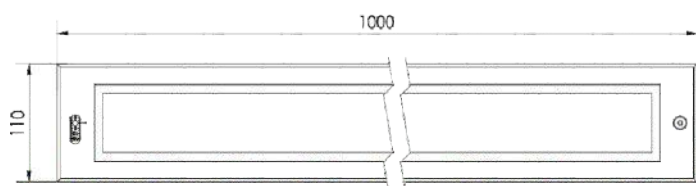
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	1000X130X110 (mm)
Weight	10.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	12

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE

#### Accessories:



Anti-Slip  
Glass



Honeycomb  
Grill

# Linear Inground DS1602LI

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 , 15 , 20, 30 , 45, 5*20
Lumens	Min 2250
Efficacy (lm/W)	45
LED Channels	RGBW

### Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	50 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000

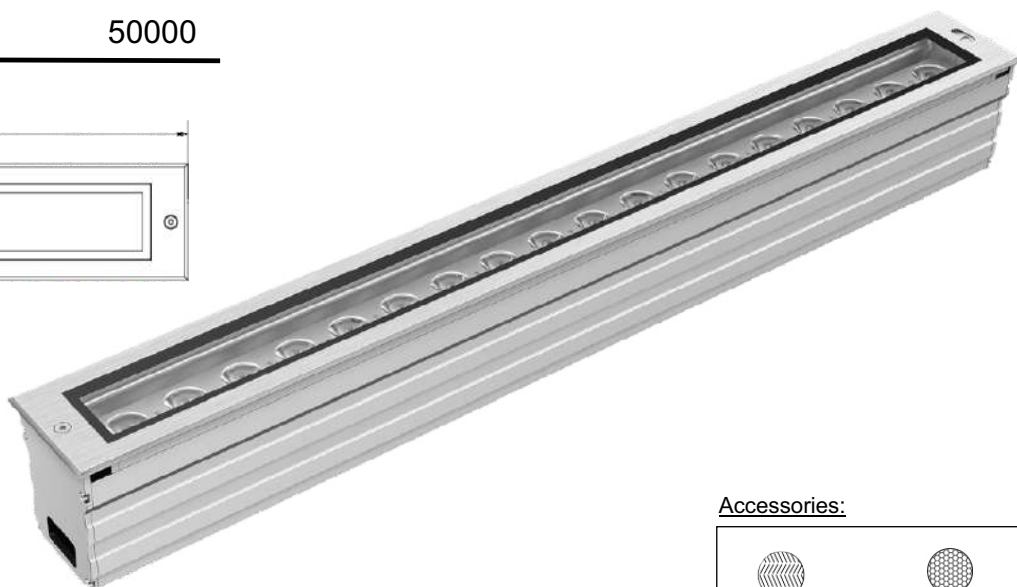
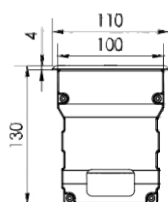
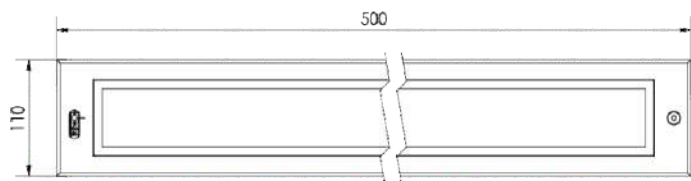
### Physical

Dimensions (Height x Width x Depth)	500X130X110 (mm)
Weight	4.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	
-25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	26

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:



Anti-Slip  
Glass



Honeycomb  
Grill

# Linear Inground DS1603LI

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 , 15 , 20, 30 , 45, 5*20
Lumens	Min 1215
Efficacy (lm/W)	40.5
LED Channels	RGBW

### Electrical

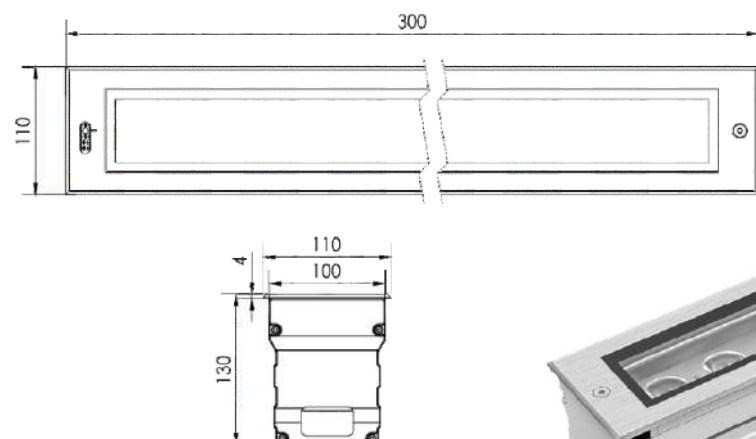
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



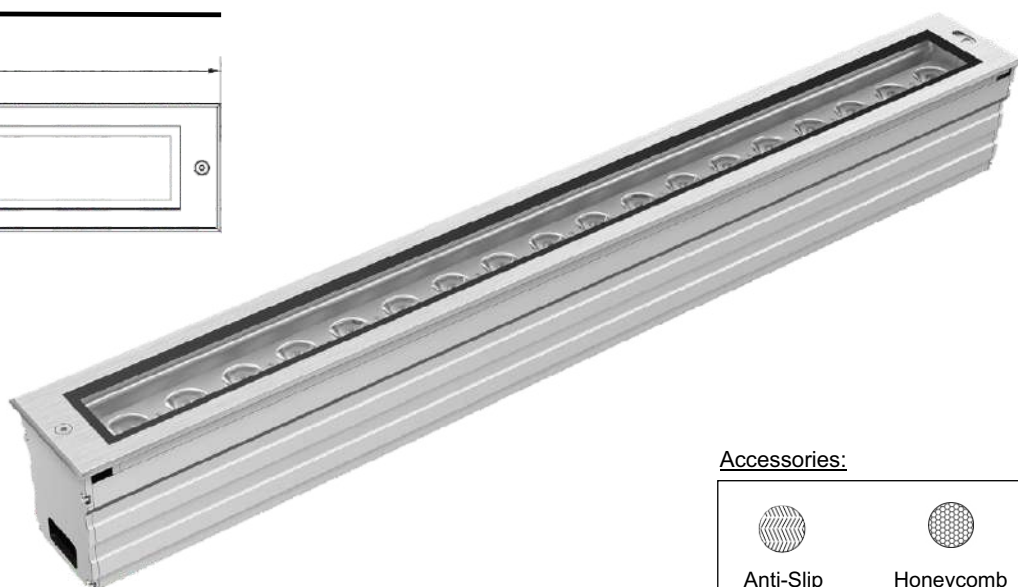
### Physical

Dimensions (Height x Width x Depth)	300X130X110 (mm)
Weight	2.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	40

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:



Anti-Slip  
Glass



Honeycomb  
Grill

# Linear Inground DS1604LI

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 , 15 , 20, 30 , 45, 5*20
Lumens	Min 3240
Efficacy (lm/W)	72
LED Channels	3000K/4000K

### Electrical

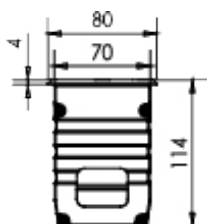
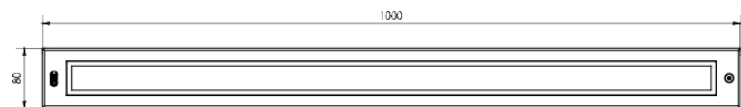
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



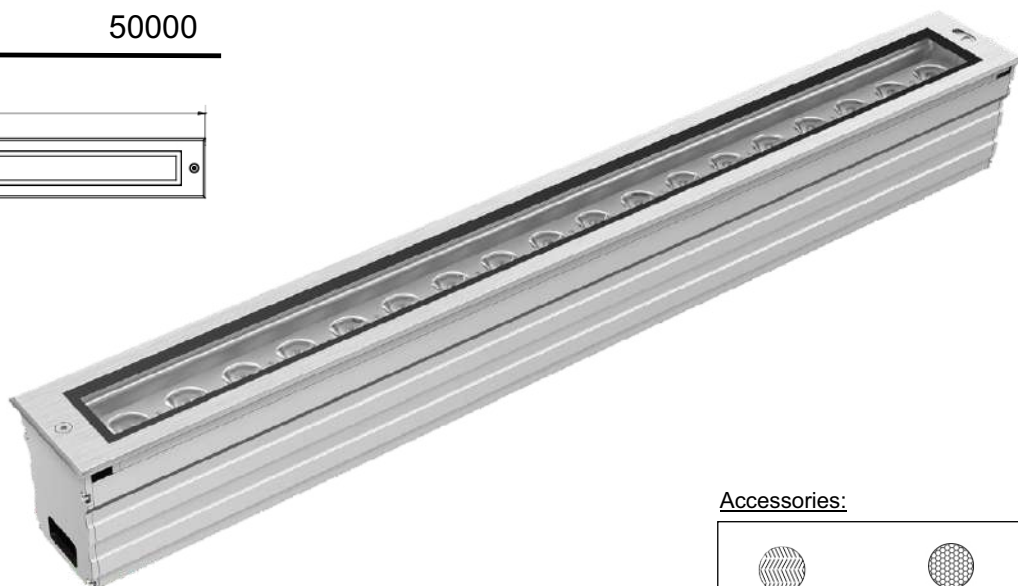
### Physical

Dimensions (Height x Width x Depth)	1000X114X80 (mm)
Weight	7.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	
Humidity	10 to 95%
Luminaire in series	20

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

# RoHS CE



#### Accessories:



Anti-Slip  
Glass



Honeycomb  
Grill

# Linear Inground DS1605LI

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	9 , 15 , 20, 30 , 45, 5*20
Lumens	Min 1960
Efficacy (lm/W)	70
LED Channels	3000K/4000K

### Electrical

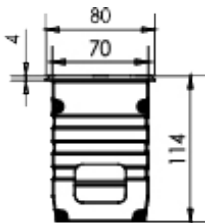
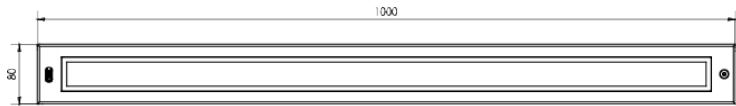
Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	28 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC/DALI/0-10V
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	60000
	50°C	50000



### Physical

Dimensions (Height x Width x Depth)	500X114X80 (mm)
Weight	4.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	46



### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS CE



#### Accessories:

	
Anti-Slip Glass	Honeycomb Grill







# Line Inground DS2301N

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 305
Efficacy (lm/W)	30.5
LED Channels	RGB

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

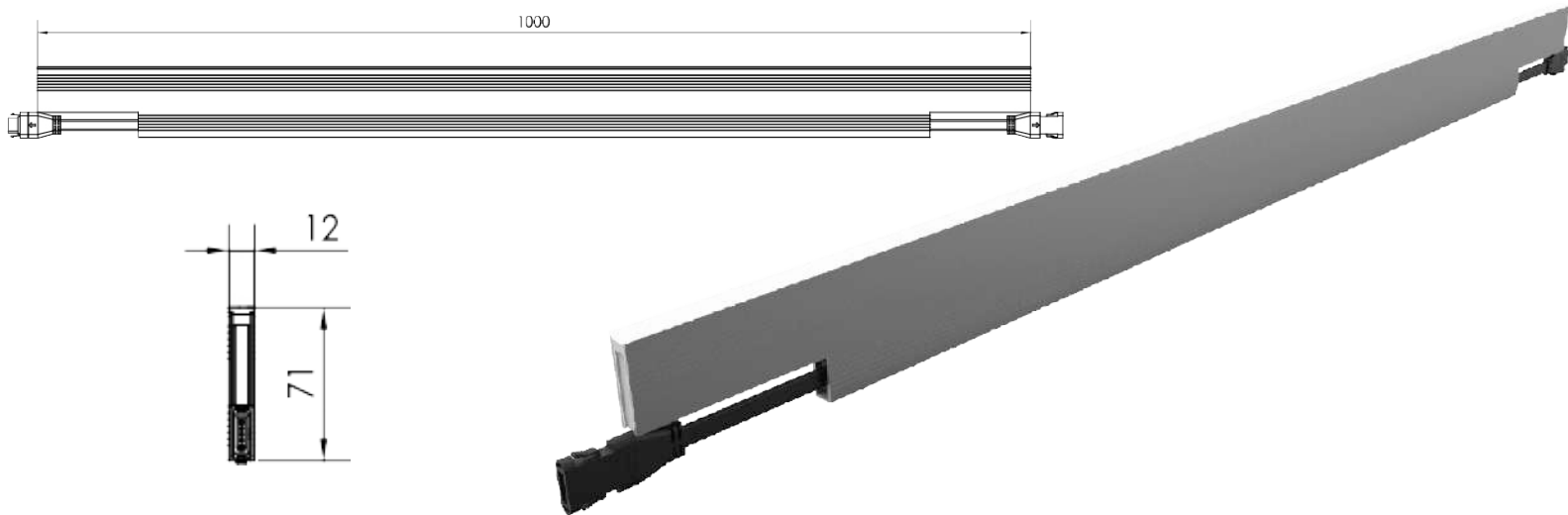
### Physical

Dimensions (Height x Width x Depth)	1000X71X12 (mm)
Weight	1.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCe



# Line Inground DS2302W

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 350
Efficacy (lm/W)	35
LED Channels	RGB

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

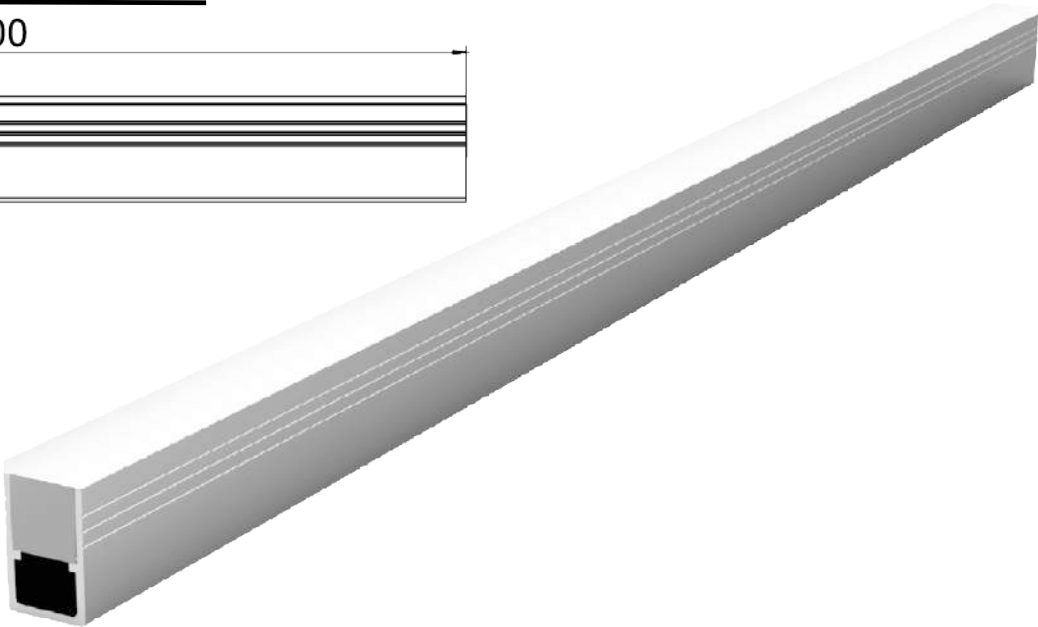
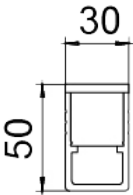
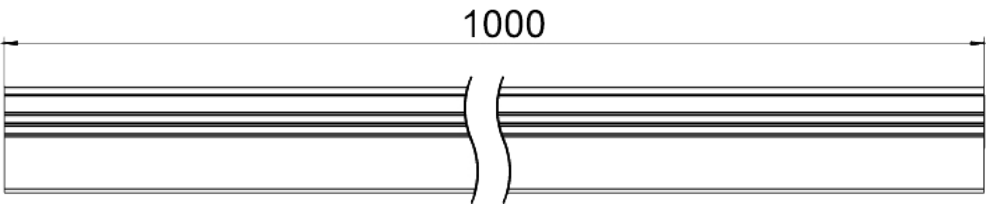
### Physical

Dimensions (Height x Width x Depth)	1000X50X30 (mm)
Weight	1.4 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE



# Line Inground DS2303N

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 750
Efficacy (lm/W)	50
LED Channels	3000K/4000K

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	15 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

### Physical

Dimensions (Height x Width x Depth)	1000X71X12 (mm)
Weight	1.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

### Temperature Ranges

-25 to 50°C Operating

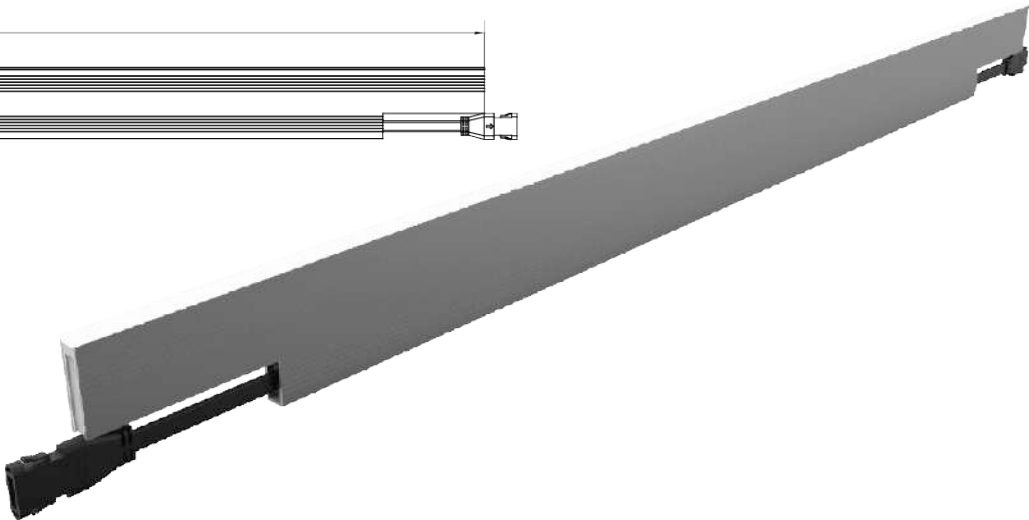
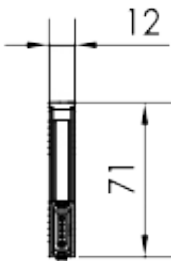
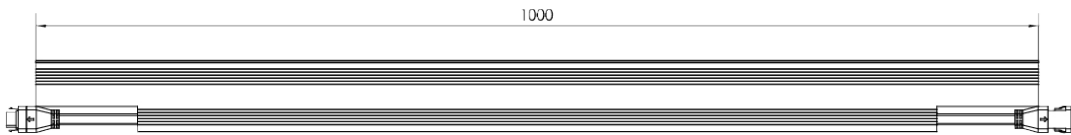
### Vibration Resistance

Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Line Inground DS2304W

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 825
Efficacy (lm/W)	55
LED Channels	3000K/4000K

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	15 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

### Physical

Dimensions (Height x Width x Depth)	1000X50X30 (mm)
Weight	1.4 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

### Temperature Ranges

-25 to 50°C Operating

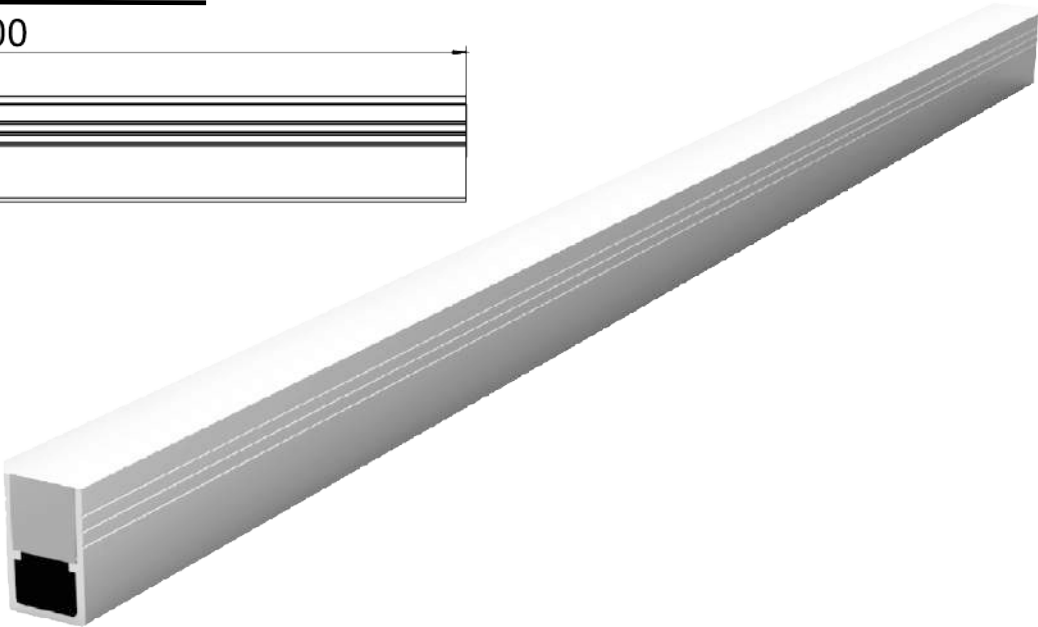
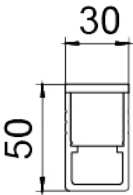
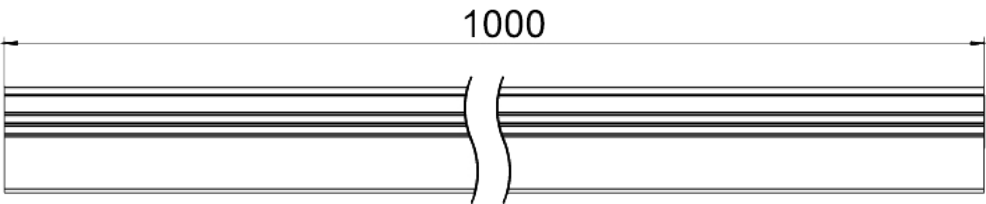
### Vibration Resistance

Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Pathway Inground DS2305(1)

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	5,15,30,60
Lumens	Min 650
Efficacy (lm/W)	65
LED Channels	3000K/4000K

### Electrical

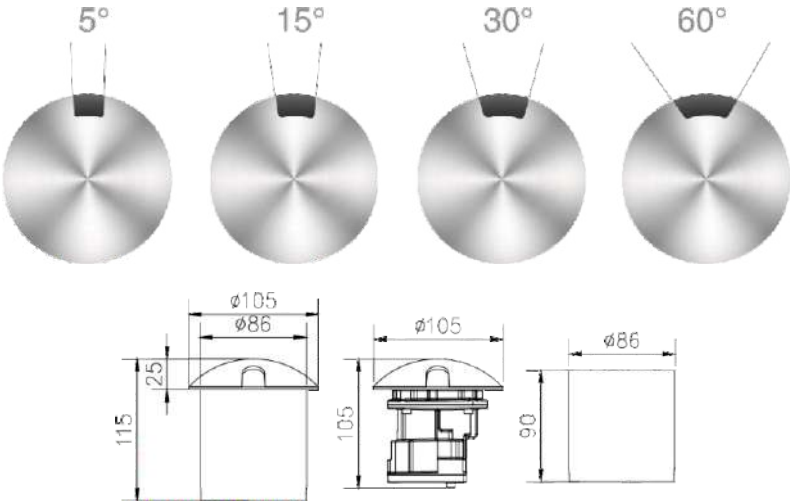
Input Voltage	100-240 V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	115X105 (mm)
Weight	0.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



# Pathway Inground DS2306(2)

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2*5,2*15,2*30,2*60
Lumens	Min 650
Efficacy (lm/W)	65
LED Channels	3000K/4000K

### Electrical

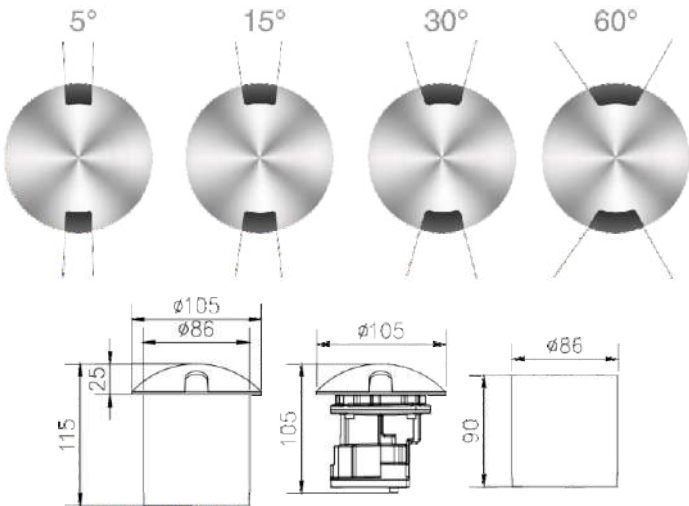
Input Voltage	100-240 V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	115X105 (mm)
Weight	0.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE





# Pathway Inground DS2307(4)

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	4*60
Lumens	Min 260
Efficacy (lm/W)	65
LED Channels	3000K/4000K

### Electrical

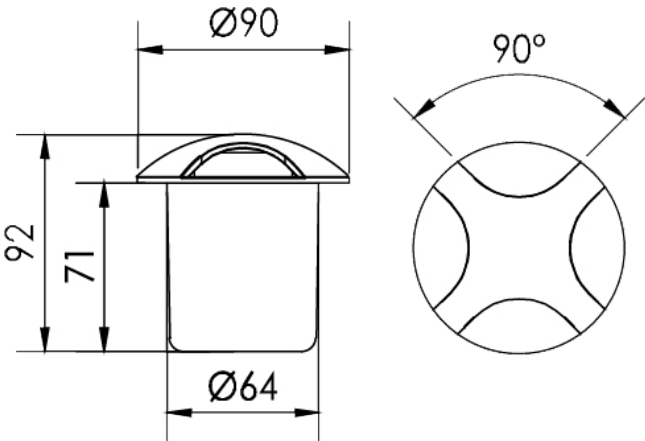
Input Voltage	100-240 V AC
Power Consumption (Maximum at full output, steady state)	4 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	92X90 (mm)
Weight	0.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



# Pathway Inground DS2308(M)

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	12*15
Lumens	Min 260
Efficacy (lm/W)	65
LED Channels	3000K/4000K

### Electrical

Input Voltage	100-240 V AC
Power Consumption (Maximum at full output, steady state)	4 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
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### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

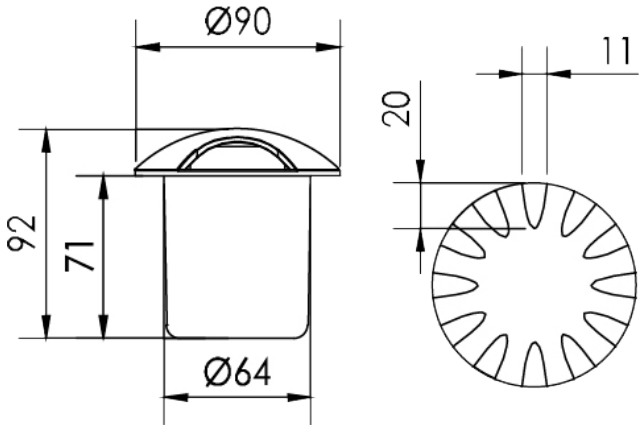
### Physical

Dimensions (Height x Width x Depth)	92X90 (mm)
Weight	0.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE



# Direct View DS3301S

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	160
Lumens	Min 180
Efficacy (lm/W)	12
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	15 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

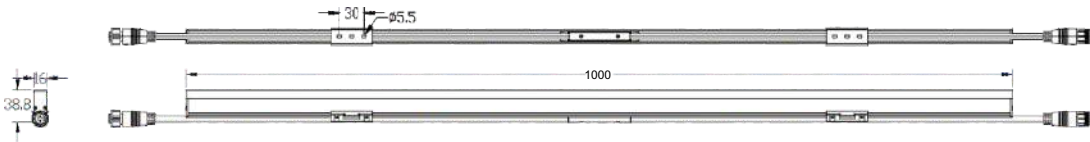
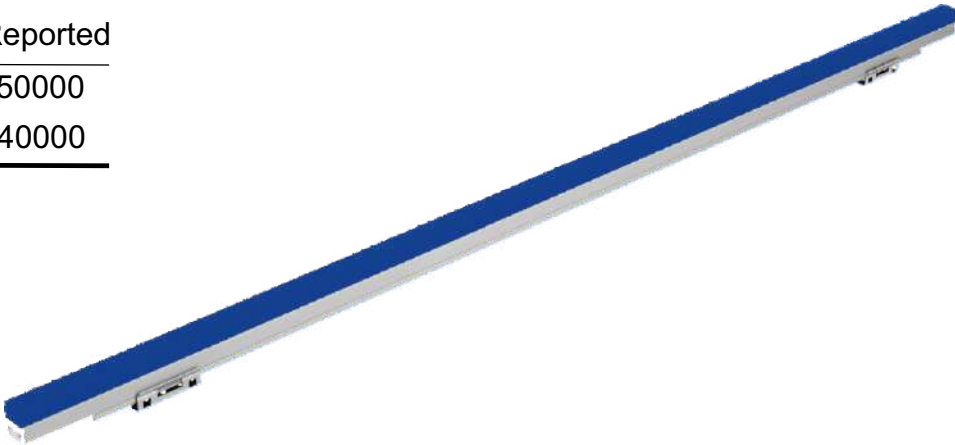
### Physical

Dimensions (Height x Width x Depth)	1000X38.8X16 (mm)
Weight	0.85 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	10

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Direct View DS3302S

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	160
Lumens	Min 96
Efficacy (lm/W)	12
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	8 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

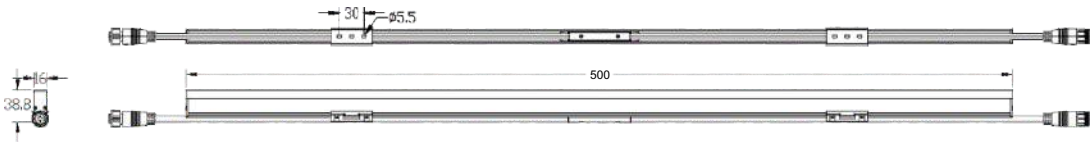
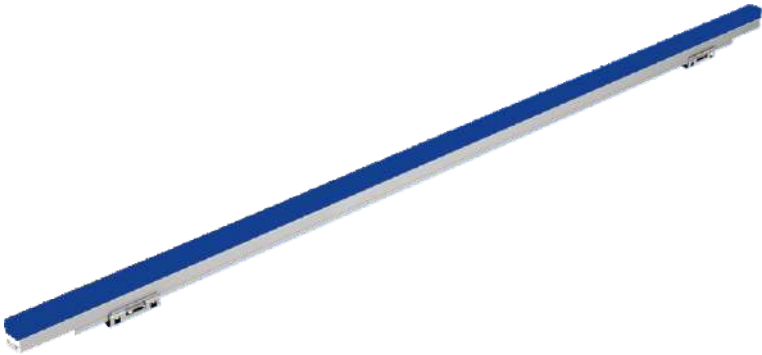
### Physical

Dimensions (Height x Width x Depth)	500X38.8X16 (mm)
Weight	0.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	10

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Direct View DS3303S

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	160
Lumens	Min 60
Efficacy (lm/W)	12
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	5 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

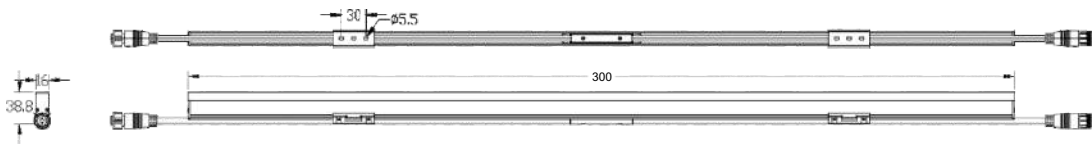
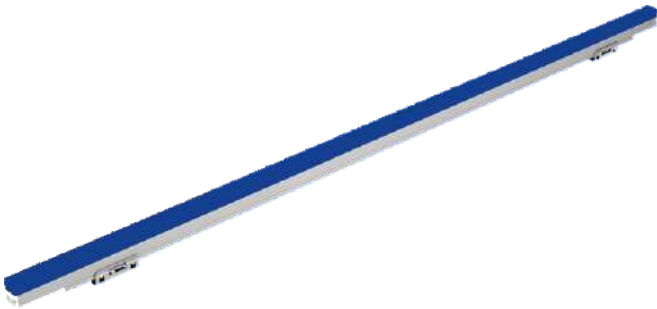
### Physical

Dimensions (Height x Width x Depth)	300X38.8X16 (mm)
Weight	0.15 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	10

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Direct View DS3304R

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	180
Lumens	Min 195
Efficacy (lm/W)	13
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	15 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

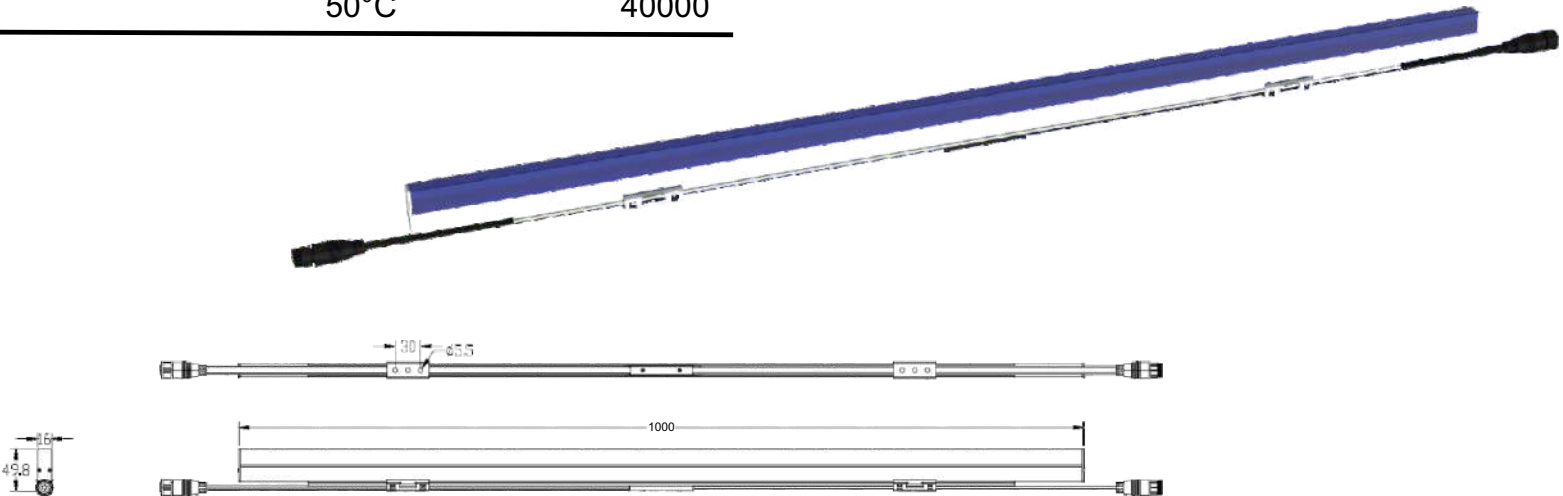
### Physical

Dimensions (Height x Width x Depth)	1000X38.8X16 (mm)
Weight	0.85 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	10

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE





# Direct View DS3305R

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	180
Lumens	Min 104
Efficacy (lm/W)	13
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	8 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

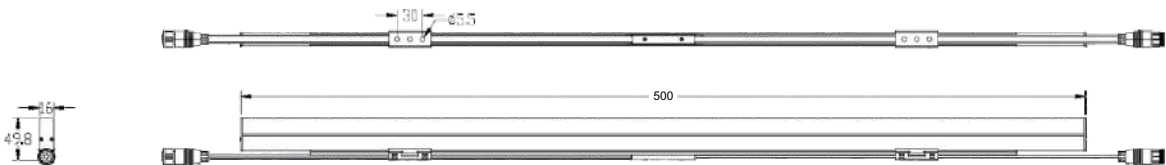
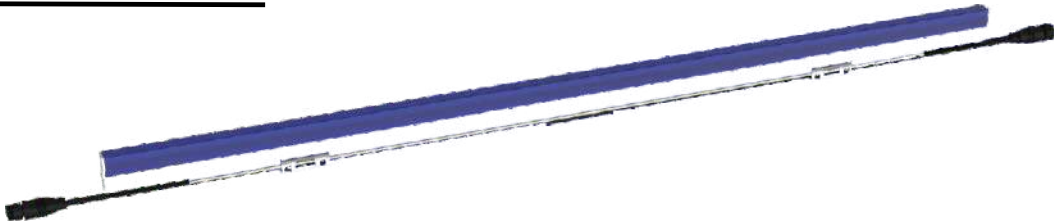
### Physical

Dimensions (Height x Width x Depth)	500X38.8X16 (mm)
Weight	0.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	10

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Direct View DS3306S

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	180
Lumens	Min 65
Efficacy (lm/W)	13
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	5 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

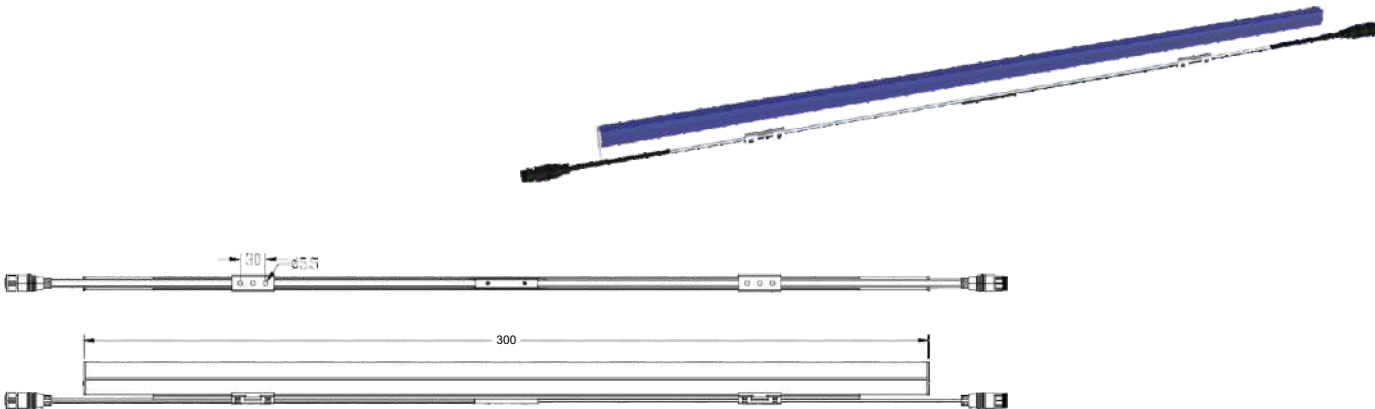
### Physical

Dimensions (Height x Width x Depth)	300X38.8X16 (mm)
Weight	0.15 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	10

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCe



# DOT DS3307D

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 96
Efficacy (lm/W)	32
LED Channels	RGBW

### Electrical

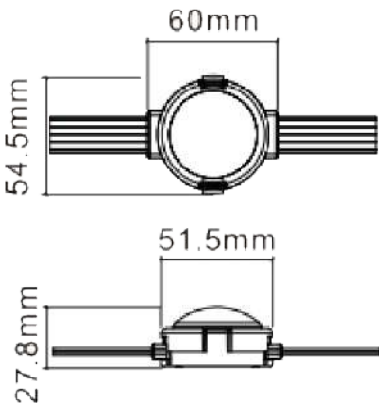
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	3 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	27.8X51.5 (mm)
Weight	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik06
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



# DOT DS3308D

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 58
Efficacy (lm/W)	32.2
LED Channels	RGBW

### Electrical

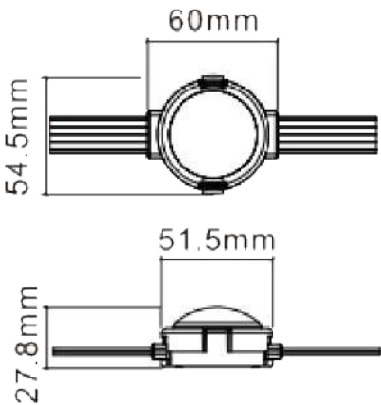
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	1.8 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	27.8X51.5 (mm)
Weight	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik06
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



# DOT DS3309D

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 30
Efficacy (lm/W)	30
LED Channels	RGBW

### Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	1 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

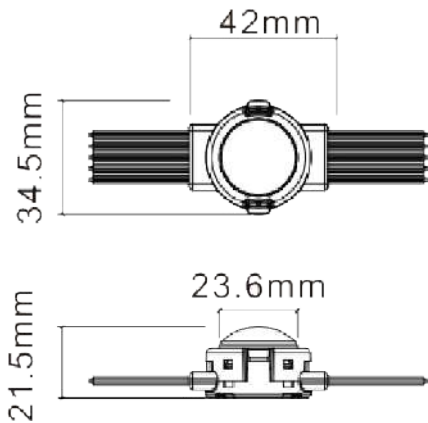
### Physical

Dimensions (Height x Width x Depth)	21.5X23.6 (mm)
Weight	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik06
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE



# DOT DS3310D

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 270
Efficacy (lm/W)	45
LED Channels	RGBW

### Electrical

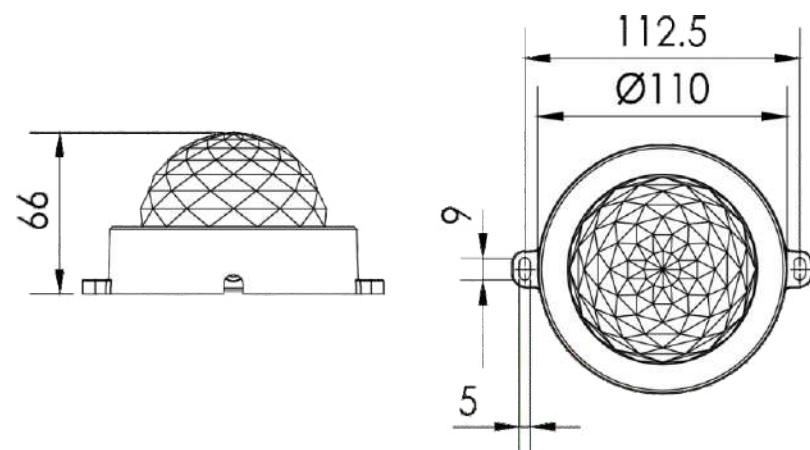
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	66X112 (mm)
Weight	0.35 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik06
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

# RoHS CE





# DOT DS3311D

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	120
Lumens	Min 158
Efficacy (lm/W)	45.14
LED Channels	RGBW

### Electrical

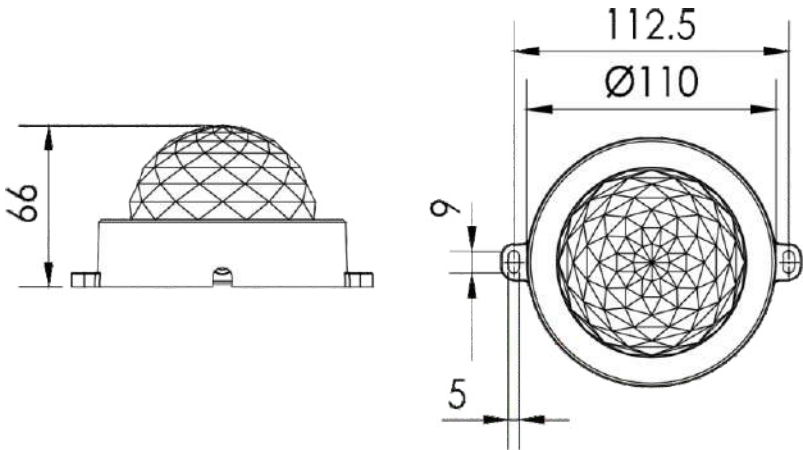
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	3.5 watts
Frequency Range	50/60Hz

### Control Mode

Interface	DMX 512
Control System	
Uses: Inhouse DMX 512 Protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	500X38.8X16 (mm)
Weight	0.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges	-25 to 50°C Operating
Vibration Resistance	
Mechanical Impact	Ik06
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**







# Marker DS4101S

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2,20,30, 60
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K

### Electrical

Input Voltage	240V AC
Power Consumption (Maximum at full output, steady state)	8 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses: Inhouse protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

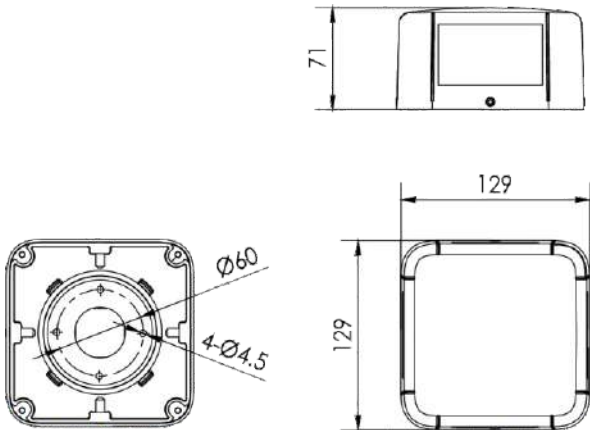
### Physical

Dimensions (Height x Width x Depth)	71X129 (mm)
Weight	1.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Marker DS4102L

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2*120
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K

### Electrical

Input Voltage	240V AC
Power Consumption (Maximum at full output, steady state)	36 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses: Inhouse protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

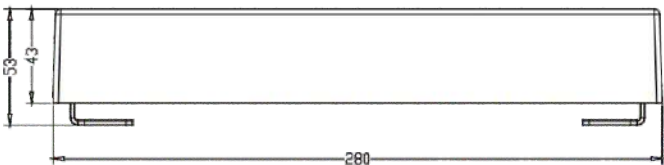
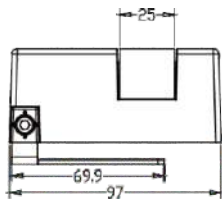
### Physical

Dimensions (Height x Width x Depth)	280X43X97 (mm)
Weight	0.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE



# Marker DS4103V

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8*120
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K

### Electrical

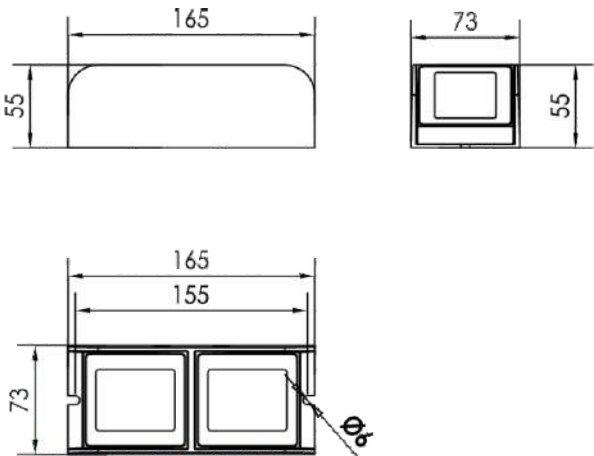
Input Voltage	240V AC
Power Consumption (Maximum at full output, steady state)	20 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses: Inhouse protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	165X55X73 (mm)
Weight	0.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



# Marker DS4104C

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	2*120
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K

### Electrical

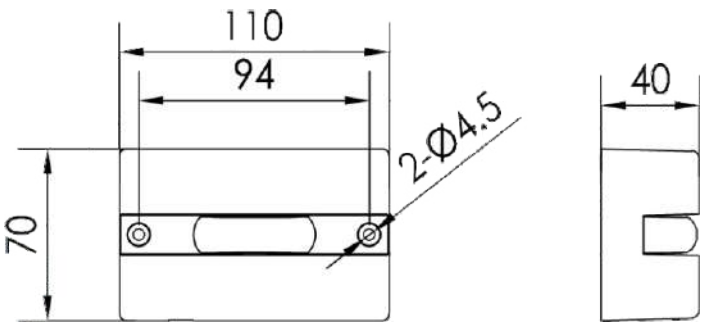
Input Voltage	240V AC
Power Consumption (Maximum at full output, steady state)	3 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	110X40X70 (mm)
Weight	0.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE





# UnderPool DS5101U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,12,5,20,30,45
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K/4000K

### Electrical

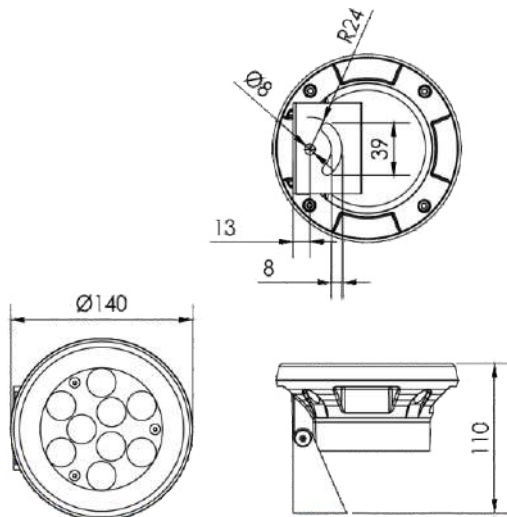
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	16 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	110X140 (mm)
Weight	2.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

**RoHS CE**



# UnderPool DS5102U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,12,5,20,30,45
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K/4000K

### Electrical

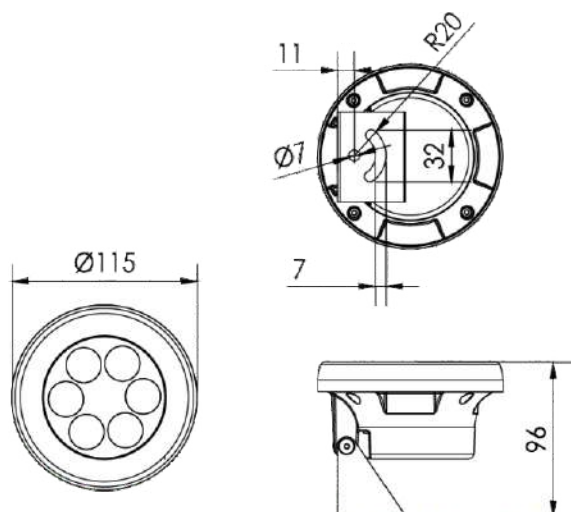
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	12 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	96X115 (mm)
Weight	1.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

# RoHS CE



# UnderPool DS5103U

## Technical Specifications

Due to continuous improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	8,12,5,20,30,45
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K/4000K

### Electrical

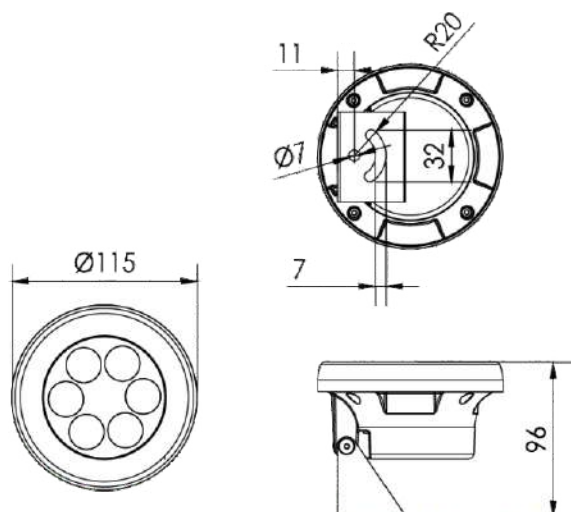
Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	7 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses:	Inhouse protocol or any other third party.

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000



### Physical

Dimensions (Height x Width x Depth)	96X115 (mm)
Weight	1.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik10
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

# RoHS CE







# Surface DS6110

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	15,24,36,60
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K

### Electrical

Input Voltage	240V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses: Inhouse protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

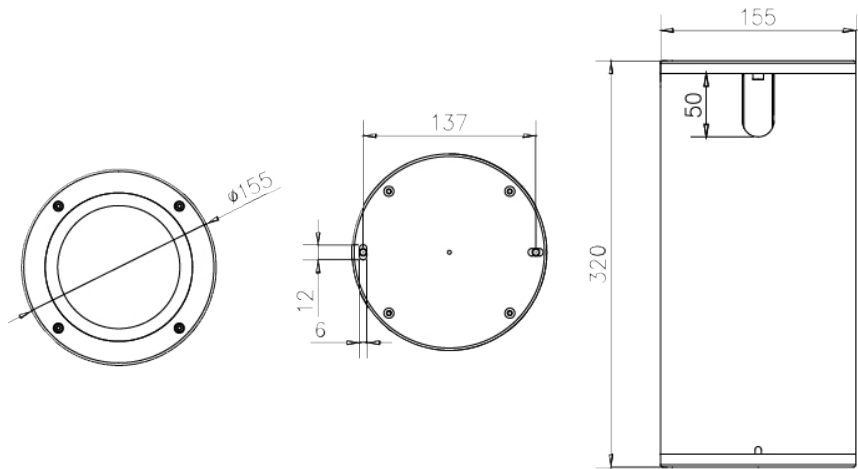
### Physical

Dimensions (Height x Width x Depth)	155X320 (mm)
Weight	3.15 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS CE





# Surface DS6111

## Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

### Output

Beam Angle (In °)	15,24,36,60
Lumens	NA
Efficacy (lm/W)	NA
LED Channels	3000K

### Electrical

Input Voltage	240V AC
Power Consumption (Maximum at full output, steady state)	16 watts
Frequency Range	50/60Hz

### Control Mode

Interface	CC
Control System	
Uses: Inhouse protocol or any other third party.	

### Lumen Maintenance

Threshold	Ambient Temperature	Reported
L <sub>70</sub>	25°C	50000
	50°C	40000

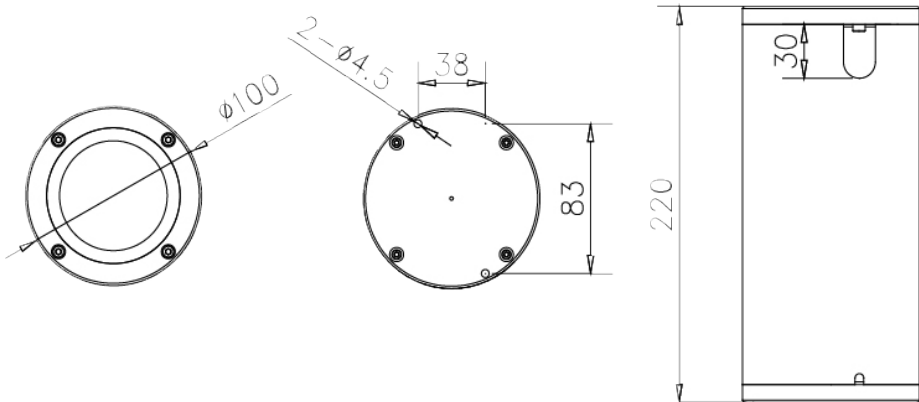
### Physical

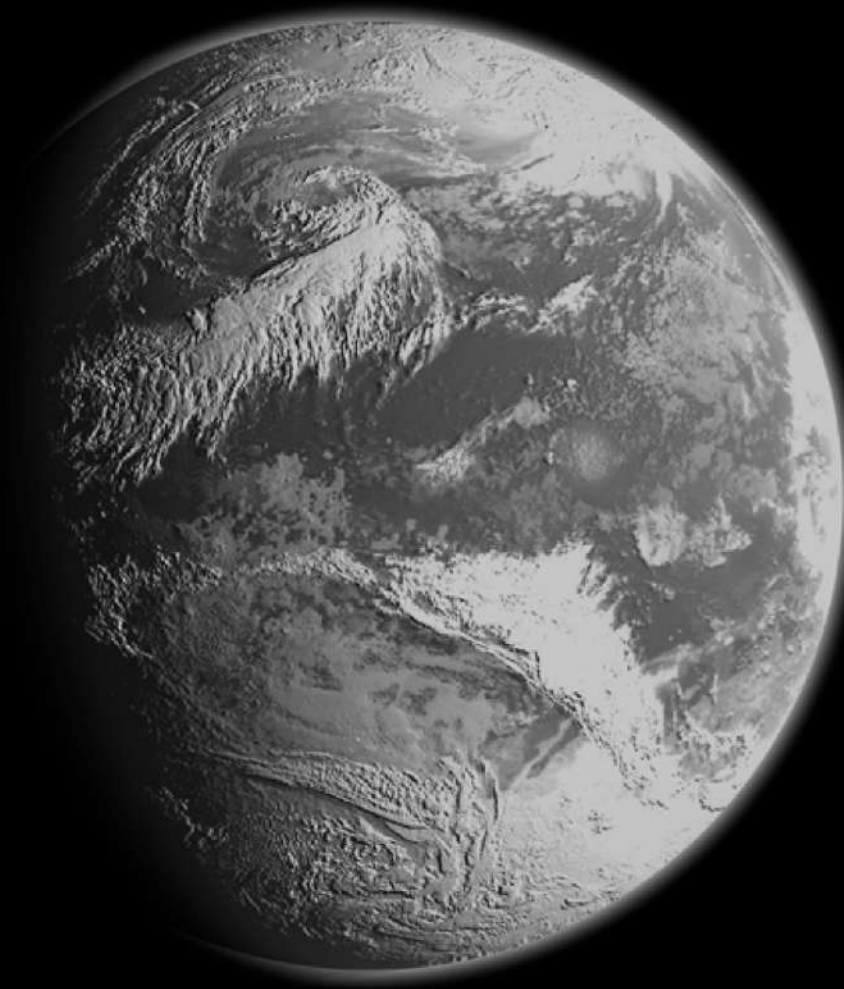
Dimensions (Height x Width x Depth)	100X220 (mm)
Weight	2.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranges -25 to 50°C Operating	
Vibration Resistance	
Mechanical Impact	Ik08
Humidity	10 to 95%
Luminaire in series	9

### Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE





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