

ARCHITECTURAL LIGHTING



About us



Omnitech Lighting Private Limited (OLT) is an ISO 9001:2015 quality certified LED luminaires manufacturing company specializing in outdoor Flood and Architectural lights that are 100% designed and made in India conforming to the latest Indian and international lighting standards. OLT LED lights have high reliability built into the design through years of R&D and experience.

Omnitech Lighting also undertakes custom design and Manufacturing of project based LED lighting fixtures to suit special applications.

Omnitech Lighting has a modern manufacturing unit located at Greater Noida in Delhi NCR, India. We ensure. All OLT lighting fixtures are tested in-house as well as at NABL accredited labs like UL, Intertek and undergo rigorous testing for extreme temperature and humidity conditions to ensure reliability in all operating conditions.

Photometric design IES files for all OLT luminaires are available to enable customers and architects for design and selection of appropriate type and number of luminaires in any design software like DIALUX, RELUX or AGi 32.



ARCHITECTURAL LIGHTING

Luminaires that Merge with the Architecture

Architetural Lighting



State-of-the-art LED Lights, 100% Designed, Toolled and Manufactured in India





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ONE LIGHT ■ ONE INDIA ■ ONE QUBIK

Aeroflood-QUBIK-I

IP66 IK08



Energy Label A++

LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast Aluminium alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 3mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral / Non integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, provided with brass PG7 cable gland

LEDs

- High efficacy (>140Lm/W) outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low Lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- High colour rendering : CRI - 70/80/90
- Various CCT : 3000K/ 4000K/ 5700K

ELECTRICAL SYSTEM

- Outdoor rated >90% efficiency constant current drivers with Over voltage (440V AC)/Undervoltage, Short circuit & Open circuit protection 4KV / 5KV / 6KV inbuilt surge protection.
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Area Lighting, Tunnel Lighting
- Structured on high performance optical grade Lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

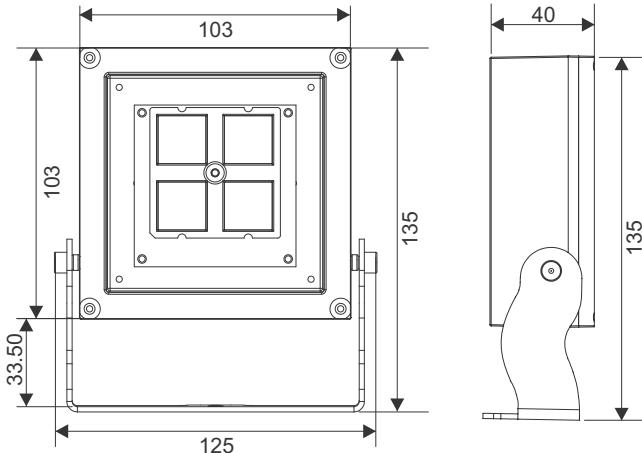
- As Per IS 10322 (Part5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



Aeroflood-QUBIK-I

IP66 IK08

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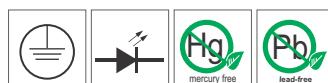
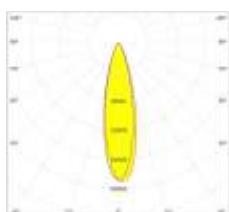
Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : >100 Lumens/Watt
 CCT (K) : 3000K / 4000K / 5700K / Single Colour R/G/B/A
 Optics : Symmetric : 10° / 25° / 60° / 90°
 Asymmetric : 15°x 45° Elliptical / FN - Forward Asymmetric 45°

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
QUBIK-I	OLFL-0010-740-10-00	10	0.044	1000	Symm 10° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-I	OLFL-0010-740-25-00	10	0.044	1000	Symm 25° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-I	OLFL-0010-740-60-00	10	0.044	1000	Symm 60° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-I	OLFL-0010-740-FN-00	10	0.044	1000	Asymm FN <10%	0.95	0.95	4 KV	4000K	70
QUBIK-I	OLFL-0018-740-33-00	18	0.079	1800	Symm 33° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-I	OLFL-0018-740-60-00	18	0.079	1800	Symm 60° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-I	OLFL-0018-740-FN-00	18	0.079	1800	Asymm FN <10%	0.95	0.95	4 KV	4000K	70
QUBIK-I	OLFL-0018-740-90-00	18	0.079	1800	Symm 90° <10%	0.95	0.95	4 KV	4000K	70

25° - 33° Medium Beam



Aeroflood-QUBIK- 9

IP66 IK08



Energy Label A++



LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast Aluminium alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 3mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral driver compartment for thermal isolation & not to affect LED Compartment during Maintenance, Provided with brass PG7 cable gland

LEDs

- High efficacy (>140Lm/W) Outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low Lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- High colour rendering : CRI - 70/80/90
- Various CCT : 3000K/ 4000K/ 5700K

ELECTRICAL SYSTEM

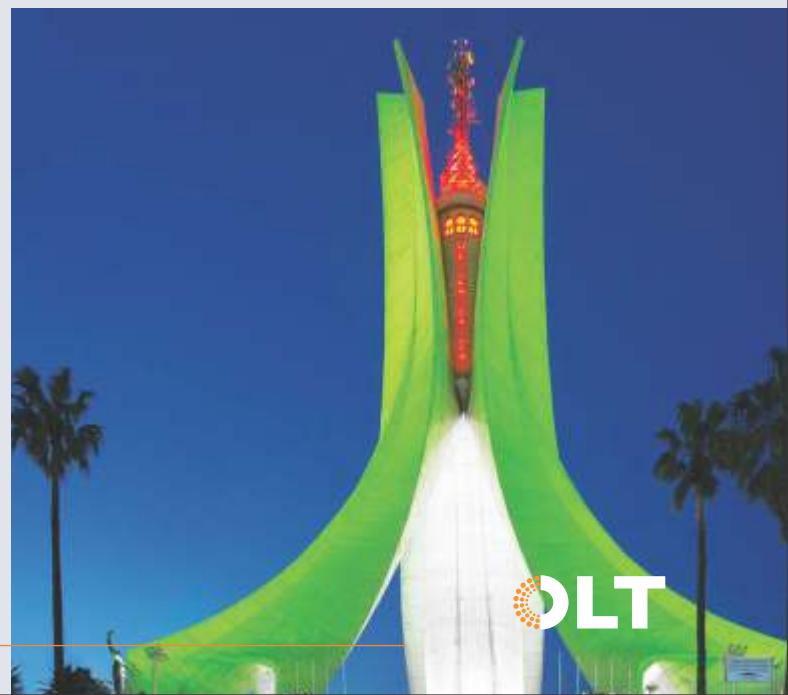
- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & Open circuit protection 4KV / 5KV / 6KV inbuilt surge protection
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Area Lighting, Tunnel Lighting.
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all Optics available

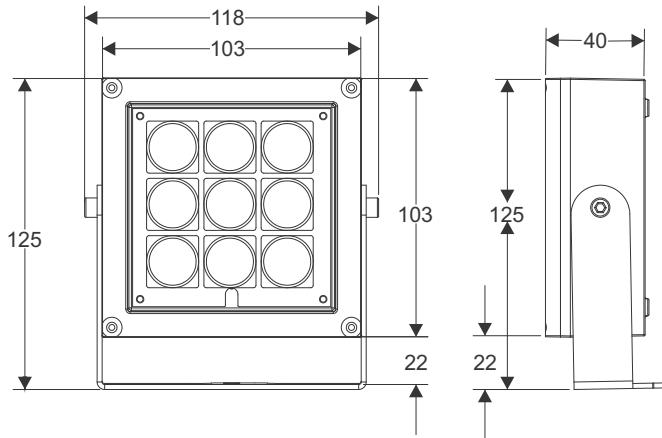
COMPLIANCES - LUMINAIRE

- As Per IS 10322 (Part5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



Aeroflood-QUBIK- 9

IP66 IK08



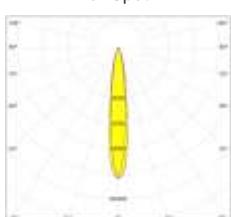
Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : >100 Lumens/Watt
 CCT (K) : 3000K / 4000K / 5700K / Single Colour R/G/B/A
 Optics : Symmetric : 9° / 25°
 Asymmetric : 15°x 45° / 10° x 60° Elliptical

Technical Specifications

ITEM CODE	SYSTEM WATTAGE	INPUT CURRENT	DELIVERED LUMENS	LIGHT BEAM	THD	PF	SURGE PROTECTION	CCT	CRI
SERIES									
QUBIK-9	OLFL-0020-730-09-00	20	0.084	2200	Symm 9°	<10%	0.95	4 KV	3000K 70
QUBIK-9	OLFL-0020-730-25-00	20	0.084	2200	Symm 25°	<10%	0.95	4 KV	3000K 70
QUBIK-9	OLFL-0020-730-15x45	20	0.084	2200	15° x 45°	<10%	0.95	4 KV	3000K 70
QUBIK-9	OLFL-0020-740-09-00	20	0.084	2200	Symm 9°	<10%	0.95	4 KV	4000K 70
QUBIK-9	OLFL-0020-740-25-00	20	0.084	2200	Symm 25°	<10%	0.95	4 KV	4000K 70
QUBIK-9	OLFL-0020-740-15x45	20	0.084	2200	15° x 45°	<10%	0.95	4 KV	4000K 70
QUBIK-9	OLFL-0030-740-09-00	30	0.127	3300	Symm 9°	<10%	0.95	4 KV	4000K 70
QUBIK-9	OLFL-0030-740-25-00	30	0.127	3300	Symm 25°	<10%	0.95	4 KV	4000K 70
QUBIK-9	OLFL-0030-740-15x45	30	0.127	3300	15° x 45°	<10%	0.95	4 KV	4000K 70

9° Spot



Aeroflood-QUBIK-12

IP66 IK08



Energy Label A++

LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast Aluminium alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 3mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, provided with Brass PG7 cable gland

LEDs

- High efficacy (>140Lm/W) outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low Lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- High color rendering : CRI - 70/80/90
- Various CCT : 3000K/ 4000K/ 5700K

ELECTRICAL SYSTEM

- Outdoor rated >90% efficiency constant current drivers with Over voltage (440V AC)/Undervoltage, Short circuit & open circuit protection 4KV / 5KV / 6KV inbuilt surge protection.
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Area Lighting, Tunnel Lighting.
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

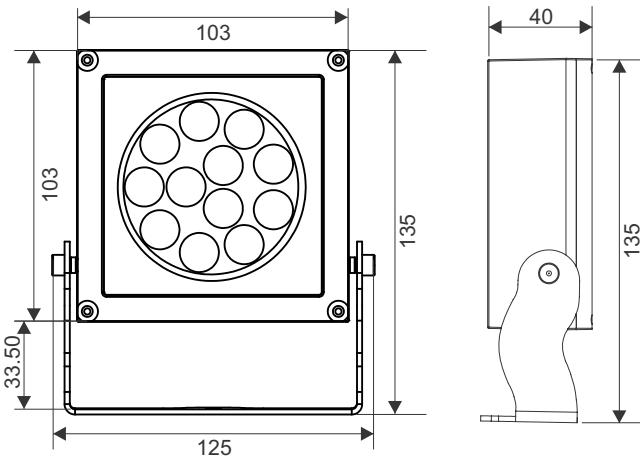
- As Per IS 10322 (Part5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



Aeroflood-QUBIK-12

IP66 IK08

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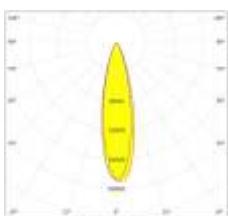
Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : >100 Lumens/Watt
 CCT (K) : 3000K / 4000K / 5700K / RGB / Single colour R/G/B/A
 Optics : Symmetric : 14° / 28° / 35°
 Asymmetric : 19°x 42° Elliptical

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
QUBIK-12	OLFL-0014-740-14-00	14	0.061	1400	Symm 14° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-12	OLFL-0014-740-28-00	14	0.061	1400	Symm 28° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-12	OLFL-0014-740-31-00	14	0.061	1400	Symm 31° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-12	OLFL-0014-740-42x19	14	0.061	1400	42°x19° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-12	OLFL-0028-740-14-00	28	0.123	2800	Symm 14° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-12	OLFL-0028-740-28-00	28	0.123	2800	Symm 28° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-12	OLFL-0028-740-31-00	28	0.123	2800	Symm 31° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-12	OLFL-0028-740-42x19	28	0.123	2800	42°x19° <10%	0.95	0.95	4 KV	4000K	70

25° - 33° Medium Beam



Aeroflood-QUBIK-25

IP66 IK08



Energy Label A++

LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast aluminium Alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 3mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper Air convection
- Separate integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, provided with Brass PG7 cable gland

LEDs

- High efficacy (>140Lm/W) outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- High color rendering : CRI - 70/80/90
- Various CCT : 3000K/ 4000K/ 5700K

ELECTRICAL SYSTEM

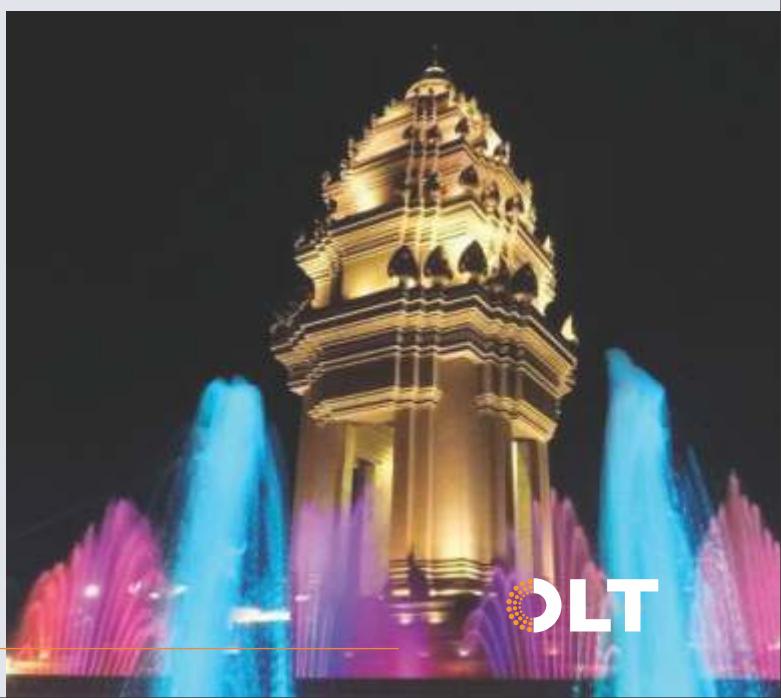
- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & open circuit protection 4KV / 5KV / 6KV inbuilt surge protection.
- Low current harmonics : THD < 10%
- Low Flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Area Lighting, Tunnel Lighting.
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

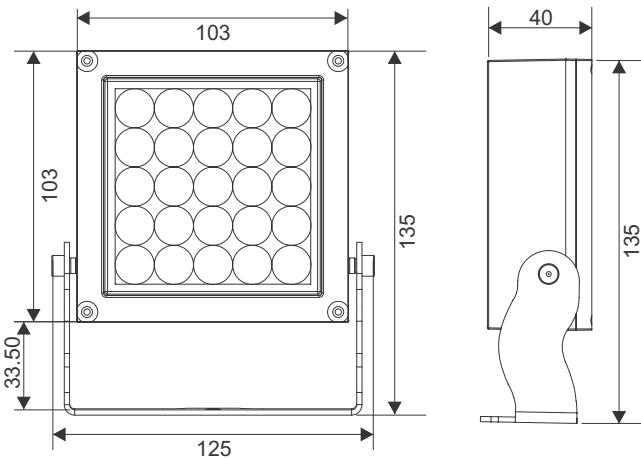
COMPLIANCES - LUMINAIRE

- As Per IS 10322 (Part5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt Spray tests pursuant to Standard UNI EN ISO 9227.



Aeroflood-QUBIK-25

IP66 IK08



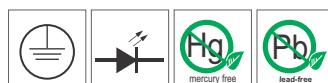
Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : >100 Lumens/Watt
 CCT (K) : 3000K / 4000K / 5700K / RGB / Single colour R/G/B/A
 Optics : Symmetric : 15° / 30° / 45°

Technical Specifications

SERIES	ITEM CODE	SYSTEM WATTAGE	INPUT CURRENT	DELIVERED LUMENS	LIGHT BEAM	THD	PF	SURGE PROTECTION	CCT	CRI
QUBIK-25	OLFL-0025-740-15-00	20	0.087	2000	Symm 15° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-25	OLFL-0025-740-30-00	20	0.087	2000	Symm 30° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-25	OLFL-0025-740-45-00	20	0.087	2000	Symm 45° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-25	OLFL-0040-740-15-00	40	0.175	4000	Symm 15° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-25	OLFL-0040-740-30-00	40	0.175	4000	Symm 30° <10%	0.95	0.95	4 KV	4000K	70
QUBIK-25	OLFL-0040-740-45-00	40	0.175	4000	Symm 45° <10%	0.95	0.95	4 KV	4000K	70

25° - 33° Medium Beam



Aeroflood-QUBIK DUO

IP66 IK08



Energy Label A++

LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast aluminium Alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 3mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- Separate integral driver compartment IP 66
- All Stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper Air convection
- Separate integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, provided with brass PG7 cable gland

LEDs

- High efficacy (>140Lm/W) outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- High color rendering : CRI - 70/80/90
- Various CCT : 3000K/ 4000K/ 5700K

ELECTRICAL SYSTEM

- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & open circuit protection 4KV / 5KV / 6KV inbuilt surge protection.
- Low current harmonics : THD < 10%
- Low Flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Area Lighting, Facade Lighting, Tunnel Lighting, Sports Arenas
- structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

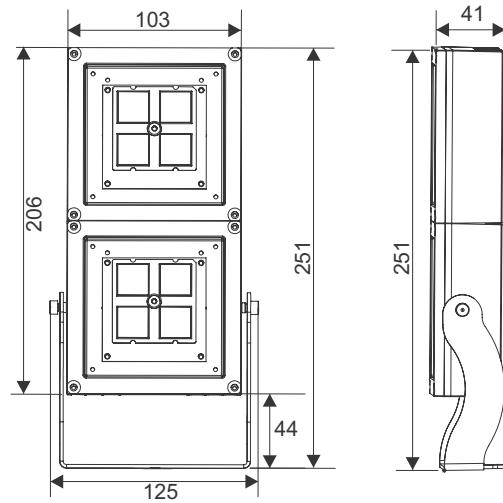
- As Per IS 10322 (Part5/ Sec.5) 2012 & 2015
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Application image for reference purpose only →

Aeroflood-QUBIK DUO

IP66 IK08



ARCHITECTURAL
LIGHTING

Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : >100 Lumens/Watt
 CCT (K) : 3000K / 4000K / 5700K / RGBW / Single colour R/G/B/A
 Optics : Symmetric : 10° / 15° / 25° / 60° / 90°
 Asymmetric : 11°x 38° Elliptical
 FN - Forward Asymmetric 45°

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
AERO FLOOD QUBIK DUO	OLFL-0020-740-10-00	20	0.87	2000	Symm 10° <10%	0.95	0.95	4 KV	4000K	70
AERO FLOOD QUBIK DUO	OLFL-0020-740-15-00	20	0.87	2000	Symm 15° <10%	0.95	0.95	4 KV	4000K	70
AERO FLOOD QUBIK DUO	OLFL-0036-740-25-00	36	0.157	3600	Symm 25° <10%	0.95	0.95	4 KV	4000K	70
AERO FLOOD QUBIK DUO	OLFL-0036-740-60-00	36	0.157	3600	Symm 60° <10%	0.95	0.95	4 KV	4000K	70
AERO FLOOD QUBIK DUO	OLFL-0050-740-FN-00	50	0.219	5000	Asymm 45° <10%	0.95	0.95	4 KV	4000K	70
AERO FLOOD QUBIK DUO	OLFL-0050-740-90-00	50	0.219	5000	Symm 90° <10%	0.95	0.95	4 KV	4000K	70

25° - 33° Medium Beam



Aeroflood-QUBIK-ULTRA SPOT

IP66 IK08



Energy Label A++

LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 6mm Thick extra clear toughened glass
- Silicon moulded gaskets and sealed glass for IP66 rating
- All Stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral driver compartment for thermal isolation & not to affect led compartment during maintenance, provided with brass PG7 cable gland

LEDs

- High efficacy (>140Lm/W) Outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- High colour rendering : CRI - 70/80/90
- Various CCT : 3000K/ 4000K/ 5700K

ELECTRICAL SYSTEM

- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & open circuit protection 4KV / 5KV / 6KV inbuilt Surge protection.
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Ultra narrow spot 3° / 5x20°. Beam options for - Column Facade Lighting.
- Beam throw up to 150 Mtrs.
- Photometric design data for all optics available

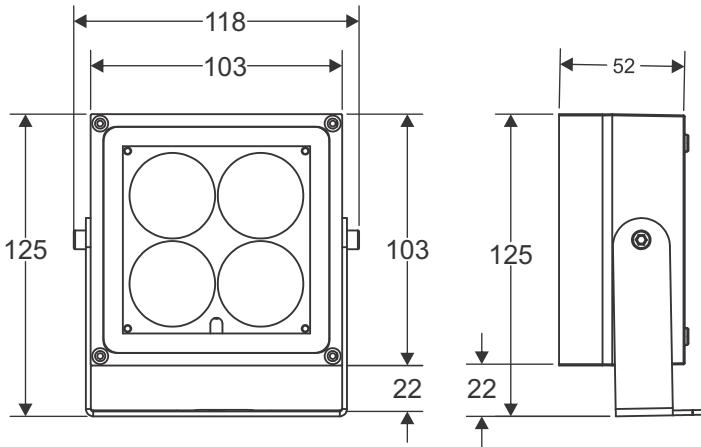
COMPLIANCES - LUMINAIRE

- As per IS 10322 (Part5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



Aeroflood-QUBIK-ULTRA SPOT

IP66 IK08



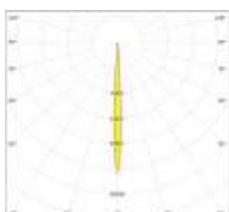
Technical Parameters

Input AC Voltage : 140 to 277V AC
Frequency : 50 / 60 Hz
Luminous Efficacy : 100 Lumens/Watt
CCT (K) : 3000K / 4000K / 5700K / R/G/B/A
Optics : Symmetric : 3° Super spot / 5°x20° Column wash

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
QUBIK-US	OLFL-0010-740-03-00	10	0.044	1000	Spot 3°	<10%	0.95	4 KV	4000K	70
QUBIK-US	OLFL-0010-740-05x20	10	0.044	1000	5°x 20°	<10%	0.95	4 KV	4000K	70
QUBIK-US	OLFL-0020-740-03-00	20	0.088	2000	Spot 3°	<10%	0.95	4 KV	4000K	70
QUBIK-US	OLFL-0020-740-05x20	20	0.088	2000	5°x 20°	<10%	0.95	4 KV	4000K	70

3° Spot

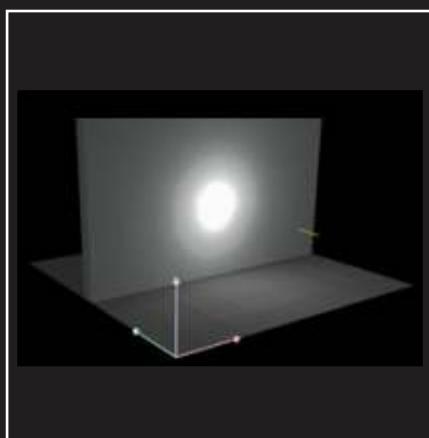
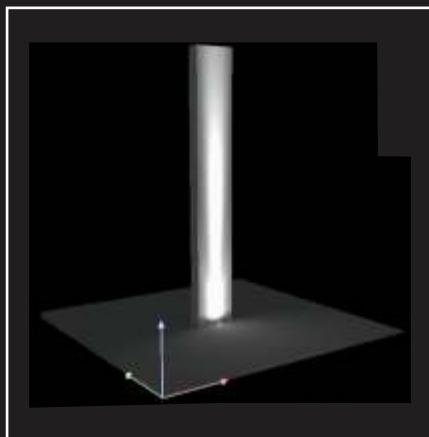




QUBIK 3°
Ultra Narrow Beam



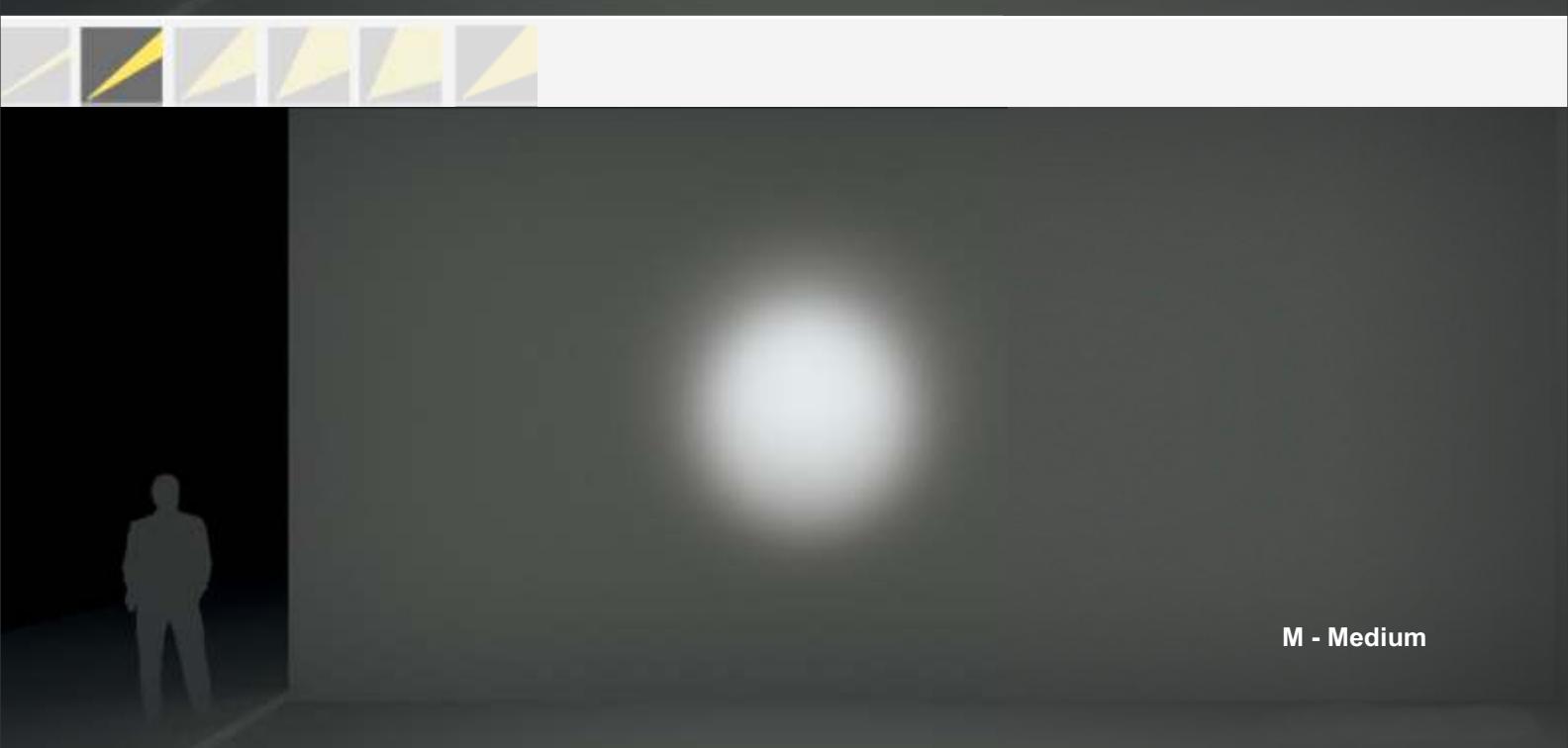
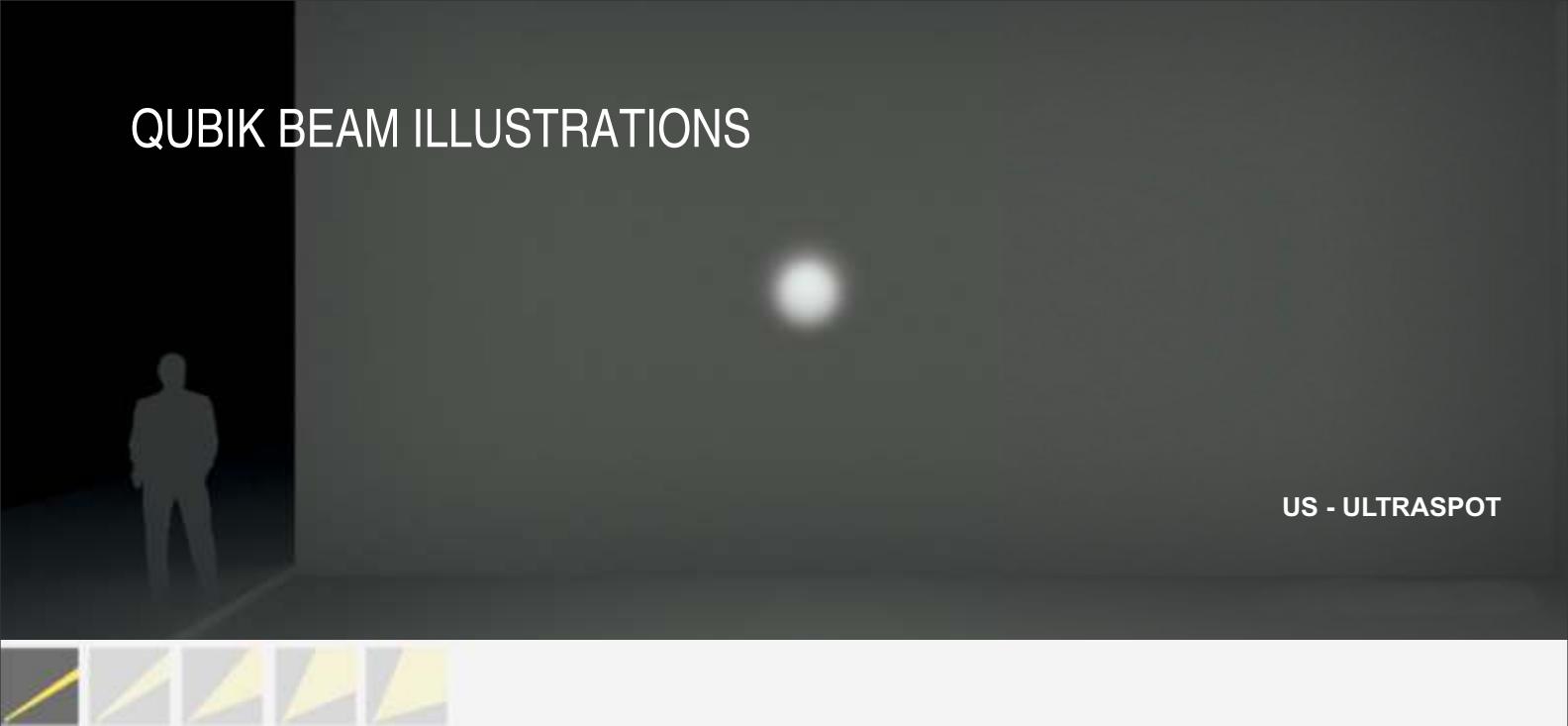
**20W QUBIK 3° Focused
on 28th Floor building top.
Beam distance 135 Mtr.**

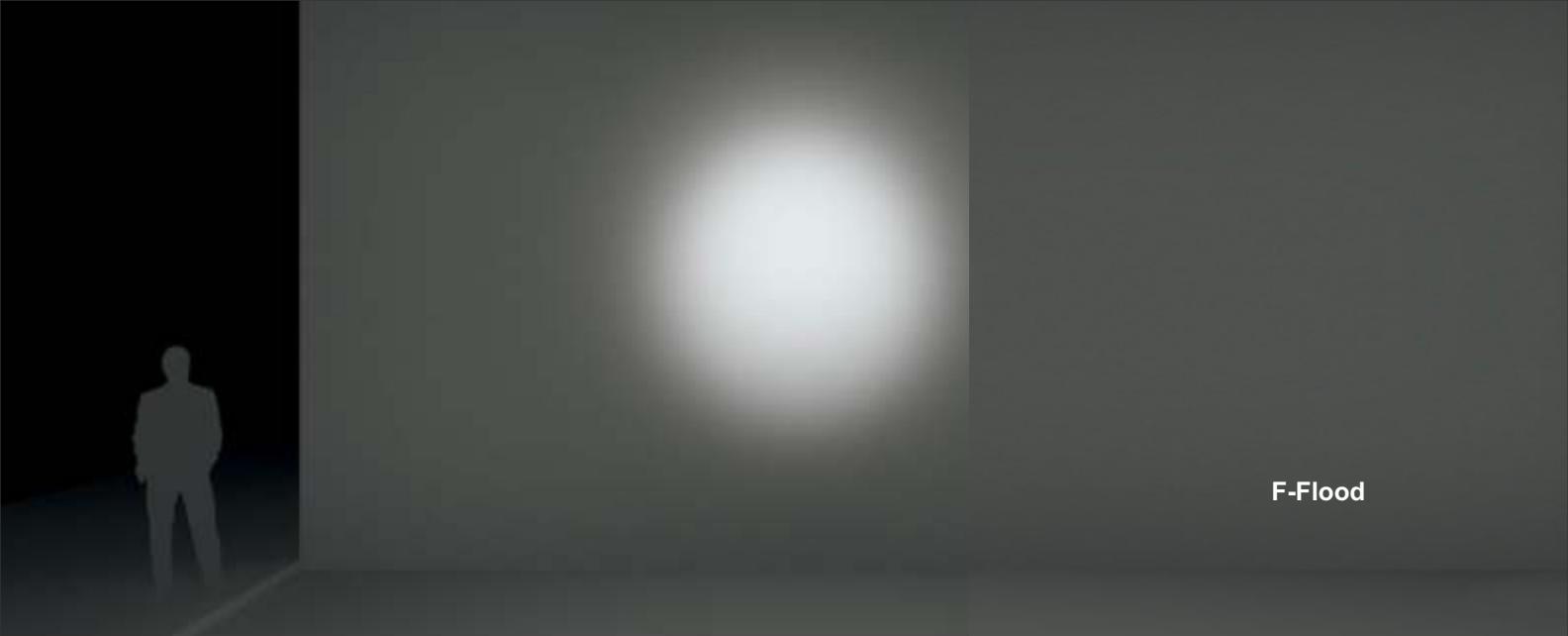


QUBIK RGBW

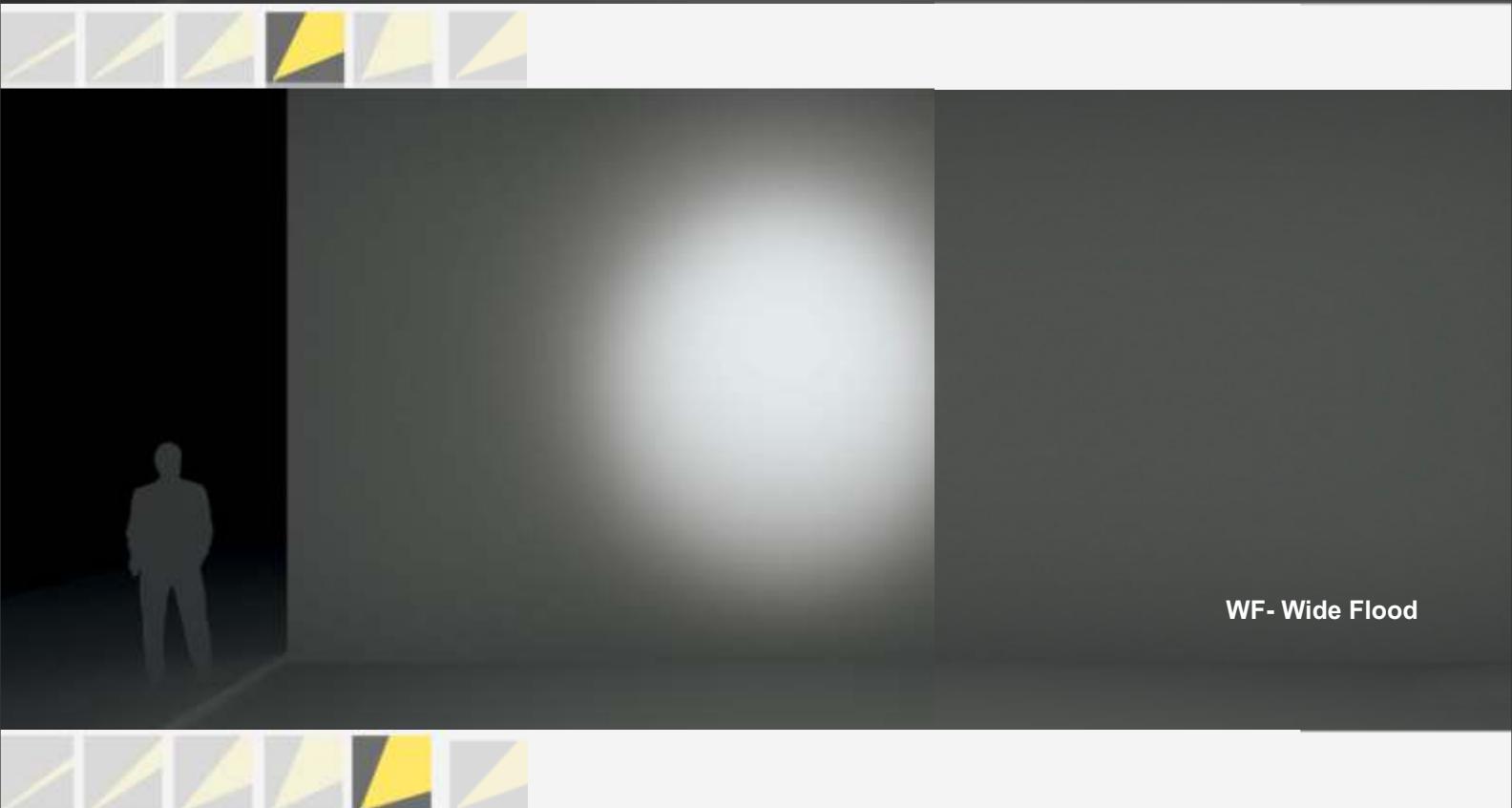


QUBIK BEAM ILLUSTRATIONS

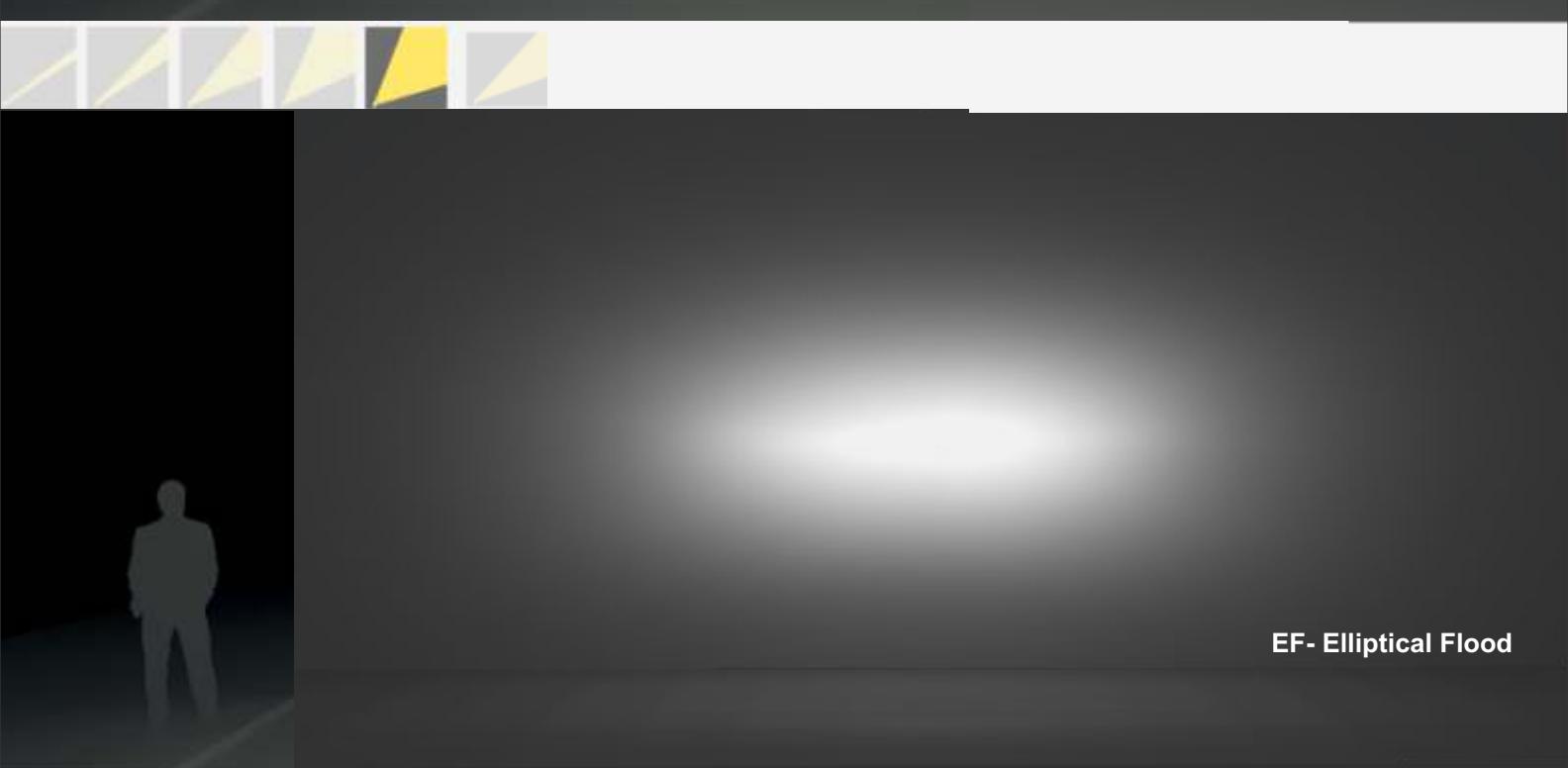




F-Flood



WF- Wide Flood



EF- Elliptical Flood



Aeroflood-QUBIK- RGBW FULL COLOUR

IP66 IK08



Energy Label A++

RGBW LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 3mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, provided with brass PG7 cable gland

LEDs

- Cree XM-L Colour RGBW / RGBA 4 in 1 LEDs, LM80 Certified.
- Low Junction Thermal resistance for Long Life and Low Lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- True vivid colours for excellent colour mixing

ELECTRICAL SYSTEM

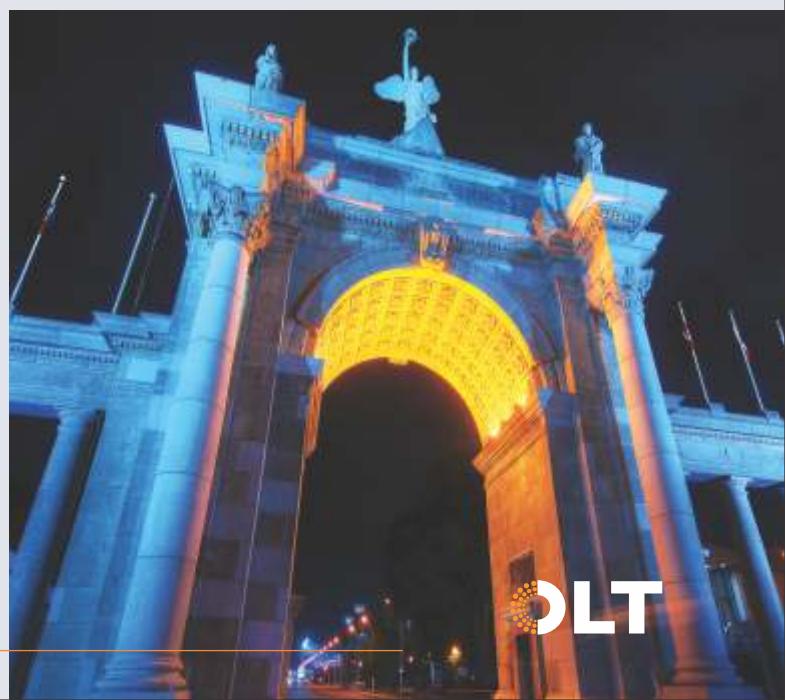
- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & open circuit protection 4KV / 5KV / 6KV inbuilt surge protection.
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

- As Per IS 10322 (Part 5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.

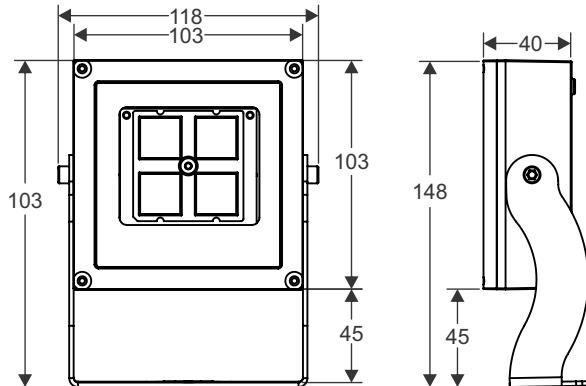


Application image for reference purpose only →

Aeroflood-QUBIK- RGBW FULL COLOUR

IP66 IK08

ARCHITECTURAL
LIGHTING



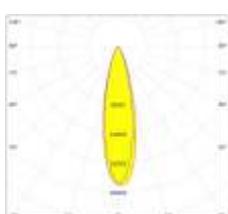
Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : >25 Lm/W @ RGBW 100% Mix white
 Optics : Symmetric : 25° / 50° / 60° / 90°

Technical Specifications

SERIES	ITEM CODE	SYSTEM WATTAGE	INPUT CURRENT	DELIVERED LUMENS	LIGHT BEAM	THD	PF	SURGE PROTECTION
QUBIK-RGBW FC	OLFL-0020-RGBW-25-00	20	0.092	510	Symm 25° <10%	0.9	4 KV	
QUBIK-RGBW FC	OLFL-0020-RGBW-50-00	20	0.092	510	Symm 50° <10%	0.9	4 KV	
QUBIK-RGBW FC	OLFL-0020-RGBW-90-00	20	0.092	510	Symm 90° <10%	0.9	4 KV	
QUBIK-RGBW FC	OLFL-0040-RGBW-25-00	35	0.162	920	Symm 25° <10%	0.9	4 KV	
QUBIK-RGBW FC	OLFL-0040-RGBW-50-00	35	0.162	920	Symm 50° <10%	0.9	4 KV	
QUBIK-RGBW FC	OLFL-0040-RGBW-90-00	35	0.162	920	Symm 90° <10%	0.9	4 KV	

25° Medium Beam



Aeroflood-QUBIK- RGBW 25

IP66 IK08



Energy Label A++

RGBW LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 3mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All stainless steel - AISI 304 grade hardware

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral driver compartment for thermal isolation & not to affect led compartment during maintenance, provided with brass PG7 cable gland

LEDs

- Cree / Seoul 3535 discrete SMD colour LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- Excellent colour mixing with various beam possibilities from 10° Spot to 90° Wide

ELECTRICAL SYSTEM

- Outdoor rated >90% Efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & open circuit protection 4KV / 5KV / 6KV inbuilt surge protection.
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

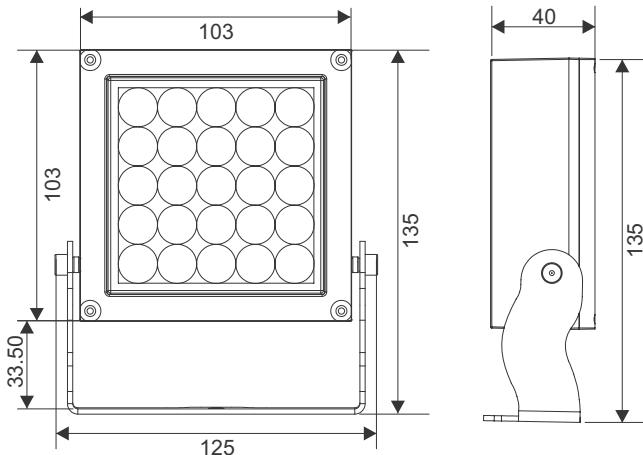
- As Per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



Application image for reference purpose only →

Aeroflood-QUBIK- RGBW 25

IP66 IK08



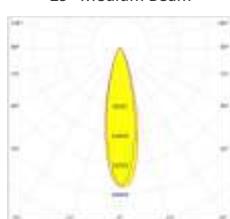
Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : >42 Lm/W @ RGBW 100% Mix white
 Optics : Symmetric : 15° / 29° / 42°

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection
QUBIK-RGBW 25	OLFL-0025-RGBW-15-00	20	0.092	860	Symm 15° <10%	0.9	0.9	4 KV
QUBIK-RGBW 25	OLFL-0025-RGBW-29-00	20	0.092	860	Symm 29° <10%	0.9	0.9	4 KV
QUBIK-RGBW 25	OLFL-0025-RGBW-42-00	20	0.092	860	Symm 42° <10%	0.9	0.9	4 KV
QUBIK-RGBW 25	OLFL-0040-RGBW-15-00	35	0.162	1480	Symm 15° <10%	0.9	0.9	4 KV
QUBIK-RGBW 25	OLFL-0040-RGBW-29-00	35	0.162	1480	Symm 29° <10%	0.9	0.9	4 KV
QUBIK-RGBW 25	OLFL-0040-RGBW-42-00	35	0.162	1480	Symm 42° <10%	0.9	0.9	4 KV

29° Medium Beam







GRAZIA

IP66 IK08



Energy Label A++

LED LINEAR WALL WASHER FLOOD LIGHT

DESIGN FEATURES

- Extruded aluminium housing with pressure die cast aluminium end caps
- Polyester powder coating Matt black / Natural oxidized aluminium anodised. Other RAL shades available on request.
- Robust, Sleek design with excellent heat dissipation
- Adjustable SS 316 brackets for mounting and orientation.
- 4mm Thick extra clear Screen printed toughened glass
- Silicon moulded gaskets for IP66 rating
- All stainless steel - AISI 304 grade hardware.
- Brass PG7 cable gland

THERMAL MANAGEMENT

- Radiator fins along the extrusion length for improved heat dissipation
- Integral / Non integral driver.

LEDs

- Cree / Seoul 3535 discrete SMD colour LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- Excellent colour mixing with various beam possibilities from 10° Spot to 90° Wide

ELECTRICAL SYSTEM

- Outdoor rated >90% efficiency Constant current / Constant Voltage drivers integral / in separate IP66 driver box
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

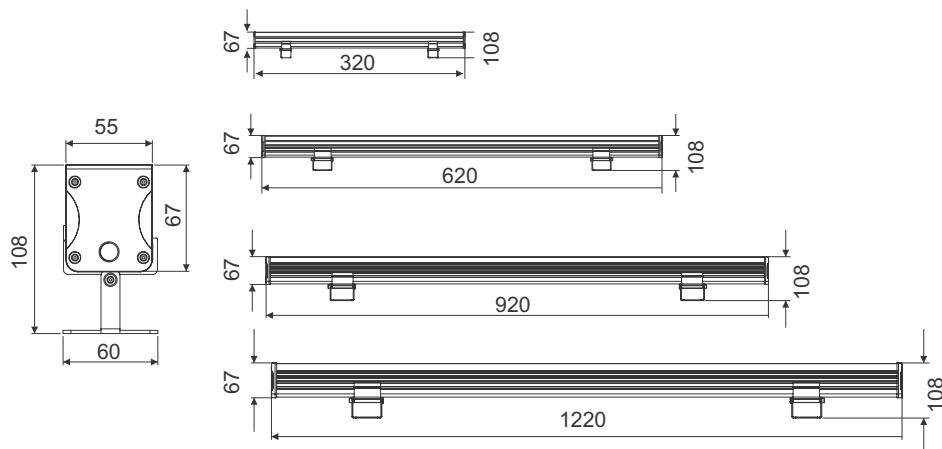
- As Per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



Application image for reference purpose only →

GRAZIA

IP66 IK08



Technical Parameters

Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : 80 to 100 Lumens/Watt
 CCT (K) : 3000K / 4000K / 5700K / RGBW / Single colour R/G/B/A
 Optics : Symmetric : $10^\circ / 15^\circ / 5^\circ \times 20^\circ / 25^\circ / 10^\circ \times 60^\circ / 15^\circ \times 45^\circ$

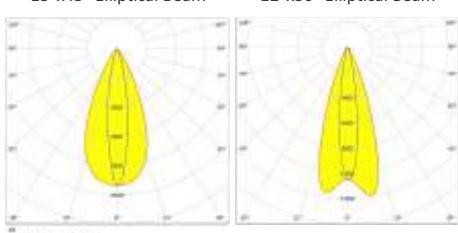
Low height bracket also available

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	THD	PF	Surge Protection	CCT	CRI	IP	Dimension (LxWxH)mm
GRAZIA	OLLF-0012-730-10x60	12	0.052	1080	<10%	0.95	4 KV	3000K	70	66	320x60x108
GRAZIA	OLLF-0012-740-10x60	12	0.052	1080	<10%	0.95	4 KV	4000K	70	66	320x60x108
GRAZIA	OLLF-0026-730-10x60	26	0.114	2340	<10%	0.95	4 KV	3000K	70	66	620x60x108
GRAZIA	OLLF-0026-740-10x60	26	0.114	2340	<10%	0.95	4 KV	4000K	70	66	620x60x108
GRAZIA	OLLF-0040-730-10x60	40	0.175	3600	<10%	0.95	4 KV	3000K	70	66	920x60x108
GRAZIA	OLLF-0040-740-10x60	40	0.175	3600	<10%	0.95	4 KV	4000K	70	66	920x60x108
GRAZIA	OLLF-0054-730-10x60	54	0.236	4860	<10%	0.95	4 KV	3000K	70	66	1220x60x108
GRAZIA	OLLF-0054-740-10x60	54	0.236	4860	<10%	0.95	4 KV	4000K	70	66	1220x60x108

15°x45° Elliptical Beam

12°x36° Elliptical Beam



GRAZIA-XW

IP66 IK08



Energy Label A++

LED LINEAR WALL WASHER FLOOD LIGHT

DESIGN FEATURES

- Extruded aluminium housing with pressure die cast aluminium end caps
- Polyester powder coating Matt black / Natural oxidized Aluminium anodised. Other RAL shades available on request.
- Robust, Sleek design with excellent heat dissipation
- Adjustable SS 316 brackets for mounting and orientation.
- 4mm Thick extra clear Screen printed toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware.
- Brass PG7 cable gland

THERMAL MANAGEMENT

- Radiator fins along the extrusion length for improved heat dissipation
- Integral / Non integral driver.

LEDs

- Cree / Seoul 3535 discrete SMD colour LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- Excellent colour mixing with various beam possibilities from 10° Spot to 90° Wide

ELECTRICAL SYSTEM

- Outdoor rated >90% efficiency Constant current / Constant voltage drivers integral / in separate IP66 driver box
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

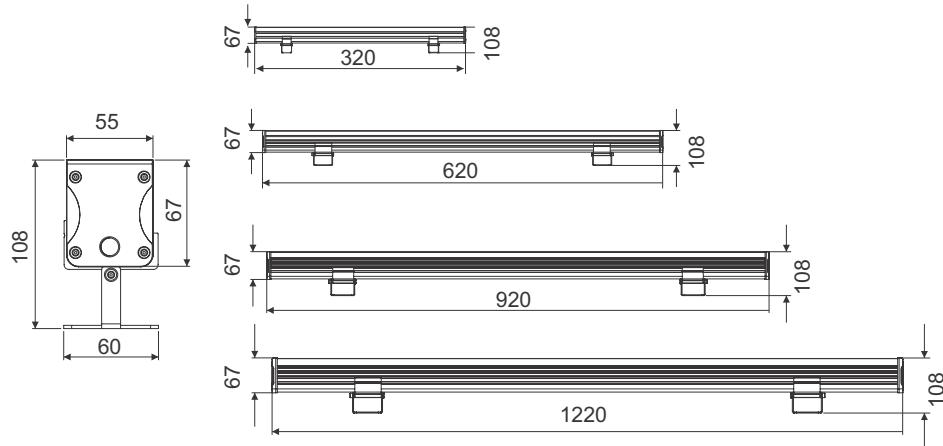
COMPLIANCES - LUMINAIRE

- As per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



GRAZIA-XW

IP66 IK08



Technical Parameters

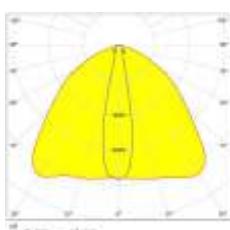
Input AC Voltage : 140 to 277V AC
 Frequency : 50 / 60 Hz
 Luminous Efficacy : 80 to 100 Lumens/Watt
 CCT (K) : 3000K / 4000K / 5700K / RGBW / Single colour R/G/B/A
 Optics : Symmetric : 10° / 15° / 5° x 20° / 25° / 10° x 60° / 15° x 45°

Low Height bracket also available

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	THD	PF	Surge Protection	CCT	CRI	IP	Dimension (LxWxH)mm
GRAZIA XW	OLLF-0012-730-10x90	12	0.052	1080	<10%	0.95	4 KV	3000K	70	66	320x60x108
GRAZIA XW	OLLF-0012-740-10x90	12	0.052	1080	<10%	0.95	4 KV	4000K	70	66	320x60x108
GRAZIA XW	OLLF-0026-730-10x90	26	0.114	2340	<10%	0.95	4 KV	3000K	70	66	620x60x108
GRAZIA XW	OLLF-0026-740-10x90	26	0.114	2340	<10%	0.95	4 KV	4000K	70	66	620x60x108
GRAZIA XW	OLLF-0040-730-10x90	40	0.175	3600	<10%	0.95	4 KV	3000K	70	66	920x60x108
GRAZIA XW	OLLF-0040-740-10x90	40	0.175	3600	<10%	0.95	4 KV	4000K	70	66	920x60x108
GRAZIA XW	OLLF-0054-730-10x90	54	0.236	4860	<10%	0.95	4 KV	3000K	70	66	1220x60x108
GRAZIA XW	OLLF-0054-740-10x90	54	0.236	4860	<10%	0.95	4 KV	4000K	70	66	1220x60x108

10°x90° Elliptical Beam



GRAZIA-RGBW

IP66 IK08



Energy Label A++

RGBW LED LINEAR WALL WASHER FLOOD LIGHT

DESIGN FEATURES

- Extruded aluminium housing with pressure die cast aluminium end caps
- Polyester powder coating Matt black / Natural oxidized Aluminium anodised. Other RAL shades available on request.
- Robust, Sleek design with excellent heat dissipation
- Adjustable SS 316 brackets for mounting and orientation.
- 4mm Thick extra clear Screen printed toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware.
- Brass PG7 cable gland

THERMAL MANAGEMENT

- Radiator fins along the extrusion length for improved heat dissipation
- Integral / Non integral driver.

LEDs

- Cree / Seoul 3535 discrete SMD Colour LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)
- Excellent colour mixing with various beam possibilities from 10° Spot to 90° Wide

ELECTRICAL SYSTEM

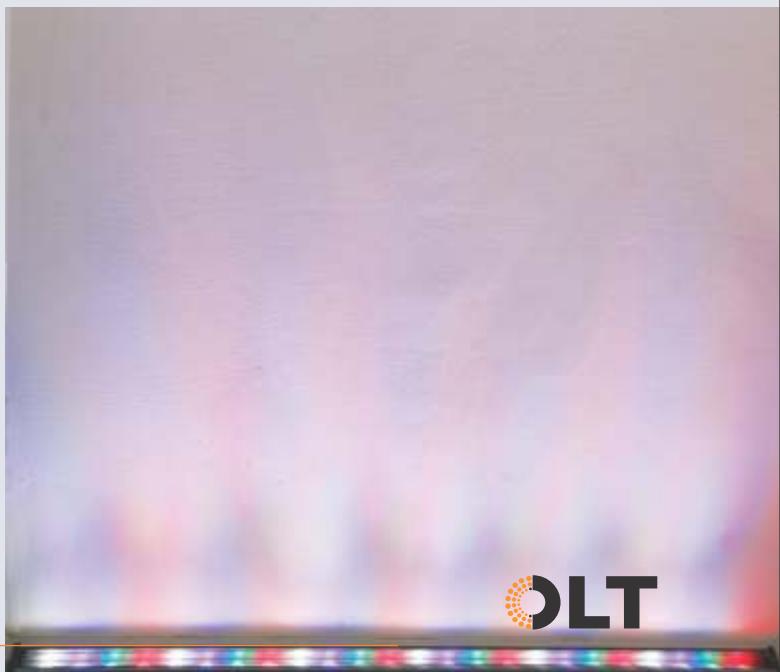
- Outdoor rated >90% efficiency Constant current / Constant voltage drivers integral / in separate IP66 driver box
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

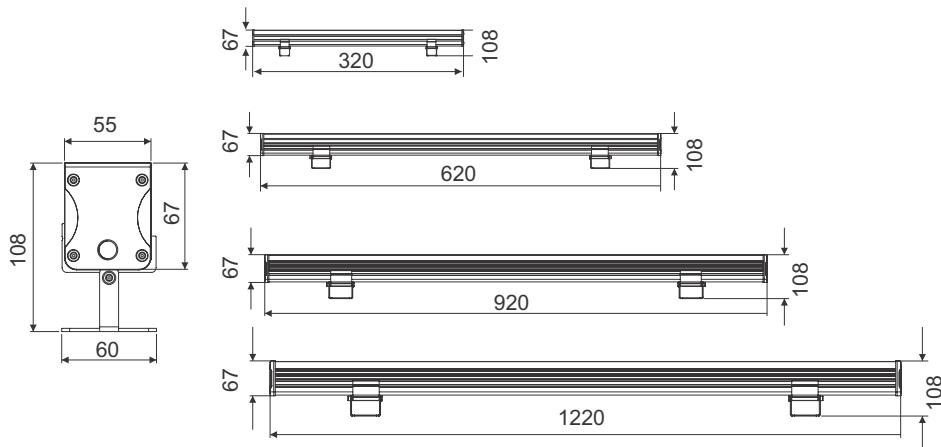
OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

- As Per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.





Technical Parameters

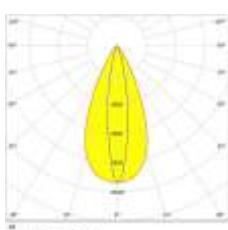
Input AC Voltage	: 140 to 277V AC
Frequency	: 50 / 60 Hz
Luminous Efficacy	: 80 to 100 Lumens/Watt
CCT (K)	: 3000K / 4000K / 5700K / RGBW / Single colour R/G/B/A
Optics	: Symmetric : 10° / 15° / 5° x 20° / 25° / 10° x 60° / 15° x 45°

Low height bracket also available

Technical Specifications

SERIES	ITEM CODE	SYSTEM WATTAGE	INPUT CURRENT	DELIVERED LUMENS	THD	PF	SURGE PROTECTION	IP	DIMENSION (LxWxH)mm
GRAZIA RGBW	OLLF-0018-RGBW-10x60	18	0.083	720	<10%	0.95	4 KV	66	320x60x108
GRAZIA RGBW	OLLF-0030-RGBW-10x60	30	0.136	1200	<10%	0.95	4 KV	66	620x60x108
GRAZIA RGBW	OLLF-0040-RGBW-10x60	40	0.181	1600	<10%	0.95	4 KV	66	920x60x108
GRAZIA RGBW	OLLF-0055-RGBW-10x60	55	0.248	2200	<10%	0.95	4 KV	66	1220x60x108
GRAZIA RGBW	OLLF-0080-RGBW-10x60	80	0.358	3200	<10%	0.95	4 KV	66	1220x60x108

15°x45° Elliptical Beam



PUNTO - Midi

IP66 IK08



Energy Label A++

LED ARCHITECTURAL SPOT LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating
- Robust sleek design with honeycomb louver
- Adjustable SS 316 graded brackets for mounting and orientation
- 6mm thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware.
- Brass PG7 cable gland

THERMAL MANAGEMENT

- Integral / Non integral driver.

LEDs

- Osram/ Cree/ Seoul/ Bridgelux 3535 discrete SMD LEDs, LM80 certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)

ELECTRICAL SYSTEM

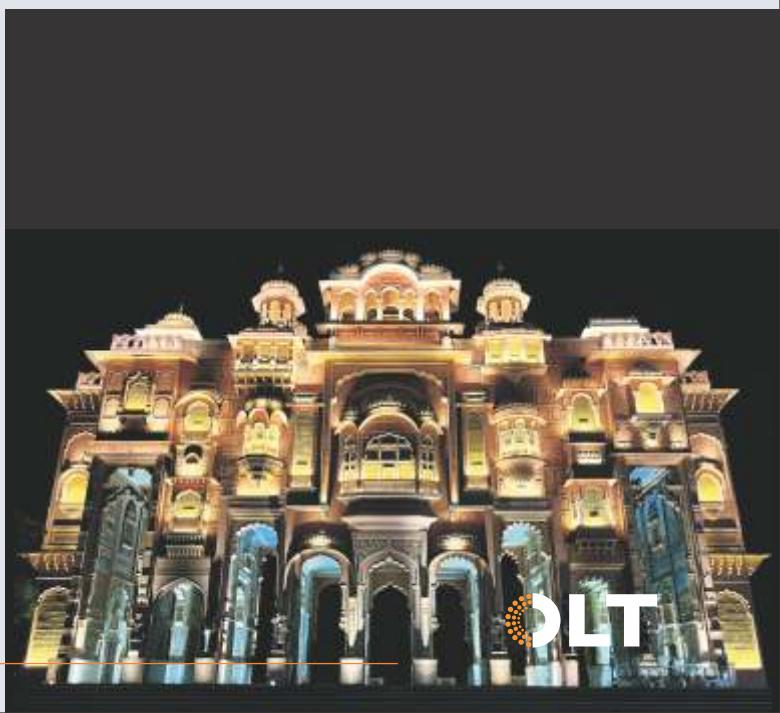
- Outdoor rated >85% efficiency constant current / constant voltage drivers integral / in separate IP66 driver box
- Low current harmonics : THD < 15%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

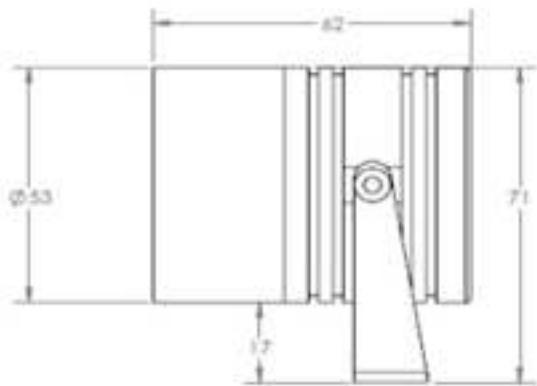
- As per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262



Application image for reference purpose only →

PUNTO - Midi

IP66 IK08



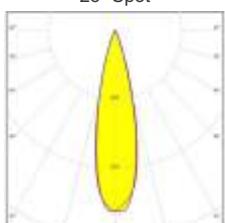
Technical Parameters

Input AC Voltage	:	140V to 270V
Frequency	:	50/60Hz
Lumen Efficiency	:	60 to 100Lm/Watt
CCT(K)	:	3000K/ 4000K/ 5700K/ Single color R/ G/ B/ A
Optics	:	Symmetric: 3°/ 10°/ 15°/ 30°/ 60°/ 15x45°/ 10x60°/ 12x40°

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	THD	PF	Surge Protection	CCT	CRI	IP	Dimension (LxWxH)mm
PUNTO-MIDI	OLS-006-730-10	6	0.028	240	<20%	0.50	2 KV	3000K	70	66	Ø58x62x70
PUNTO-MIDI	OLS-006-740-25	6	0.028	240	<20%	0.50	2 KV	4000K	70	66	Ø58x62x70
PUNTO-MIDI	OLS-006-757-30	6	0.028	240	<20%	0.50	2 KV	5700K	70	66	Ø58x62x70
PUNTO-MIDI	OLS-006-730-10x60	6	0.028	240	<20%	0.90	2 KV	3000K	70	66	Ø58x62x70
PUNTO-MIDI	OLS-006-RGBW-25	6	0.028	240	<20%	0.90	4 KV	RGBW	NA	66	Ø58x62x70

25° Spot



PUNTO - Mini

IP66 IK08



Energy Label A++

LED ARCHITECTURAL SPOT LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating
- Robust sleek design with honeycomb louver
- Adjustable SS 316 graded brackets for mounting and orientation
- 6mm thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- All Stainless steel - AISI 304 grade hardware.
- Brass PG7 cable gland

THERMAL MANAGEMENT

- Integral / Non integral driver.

LEDs

- Osram/ Cree/ Seoul/ Bridgelux 3535 discrete SMD LEDs, LM80 certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)

ELECTRICAL SYSTEM

- Outdoor rated >85% efficiency constant current / constant voltage drivers integral / in separate IP66 driver box
- Low current harmonics : THD < 15%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

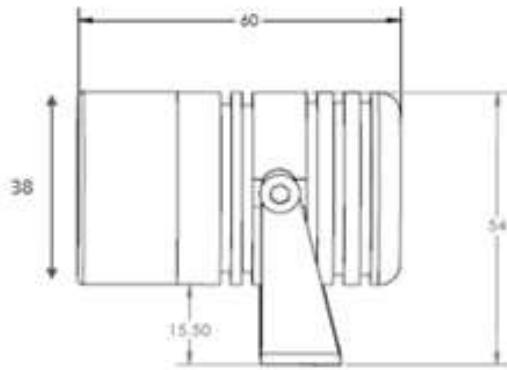
- As per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262



Application image for reference purpose only →

PUNTO - Mini

IP66 IK08



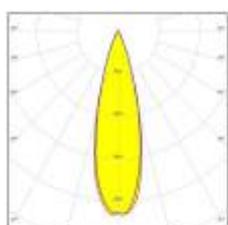
Technical Parameters

Input AC Voltage	:	140V to 270V
Frequency	:	50/60Hz
Lumen Efficiency	:	60 to 100Lm/Watt
CCT(K)	:	3000K/ 4000K/ 5700K/ Single color R/ G/ B/ A
Optics	:	Symmetric: 3°/ 10°/ 15°/ 30°/ 60°/ 15x45°/ 10x60°/ 8x50°

Technical Specifications

SERIES	ITEM CODE	SYSTEM WATTAGE	INPUT CURRENT	DELIVERED LUMENS	THD	PF	SURGE PROTECTION	CCT	CRI	IP	DIMENSION (LxWxH)mm
PUNTO-MINI	OLS-003-730-03	3	0.014	120	<20%	0.50	2 KV	3000K	70	66	Ø38x60x54
PUNTO-MINI	OLS-003-740-10	3	0.014	120	<20%	0.50	2 KV	4000K	70	66	Ø38x60x54
PUNTO-MINI	OLS-003-757-25	3	0.014	120	<20%	0.50	2 KV	5700K	70	66	Ø38x60x54
PUNTO-MINI	OLS-003-830-60	3	0.014	120	<20%	0.90	2 KV	3000K	80	66	Ø38x60x54
PUNTO-MINI	OLS-003-840-30	3	0.014	120	<20%	0.90	4 KV	4000K	80	66	Ø38x60x54

25° Spot



LINEALED

IP67 IK10



Energy Label A++

LED LINEAR ARCHITECTURAL MARKER AND CONTOUR LIGHT

DESIGN FEATURES

- Extruded anodised aluminium surface mounted profile with PU sealed encapsulation in semi translucent or clear variants for IP 67/IP68 rating. End caps on request.
- Customized length as per project requirement up to 3 Mtrs.
- Extruded aluminium fixing frame with slide - in function
- Moulded wire gland for maintaining IP 67 rating

THERMAL MANAGEMENT

- High thermal conductivity MCPCB for improved heat dissipation
- Non integral driver.

LEDs

- Cree / Osram discrete SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)

ELECTRICAL SYSTEM

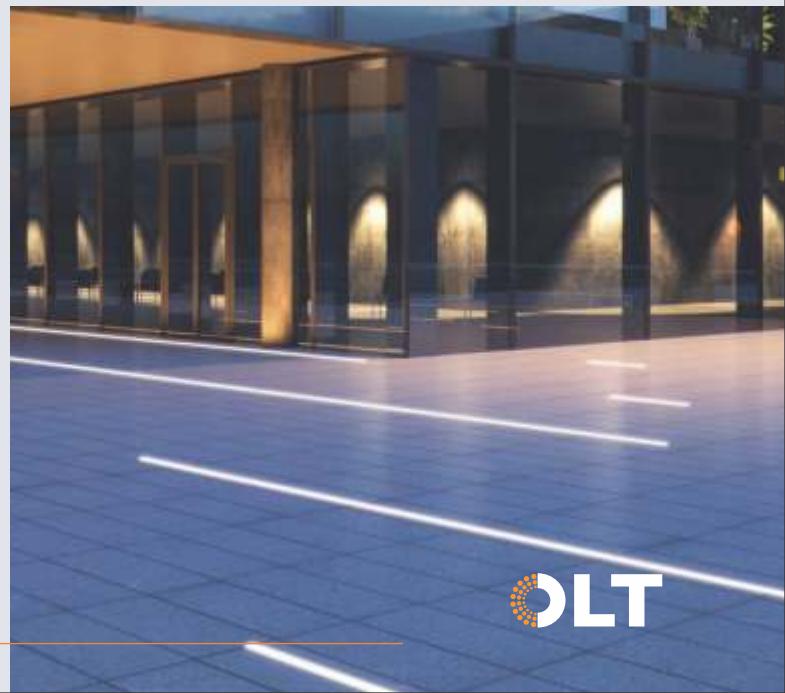
- Outdoor rated >90% efficiency Constant current / Constant Voltage drivers
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- 120 to 150 soft pleasing uniform lighting of continuous light lines for architectural facade lighting, Floor/Wall/Ceiling

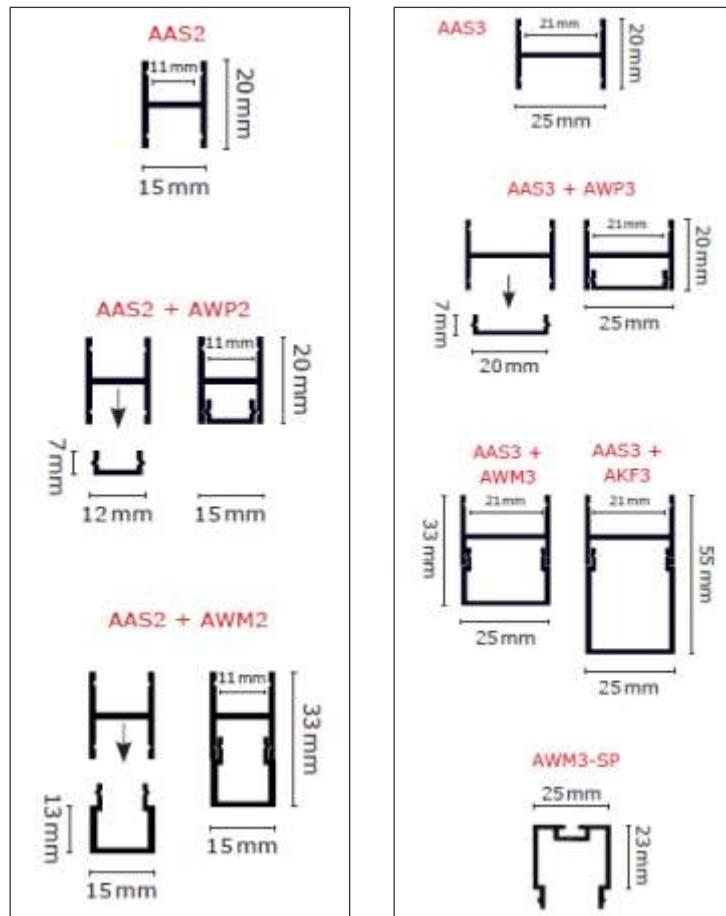
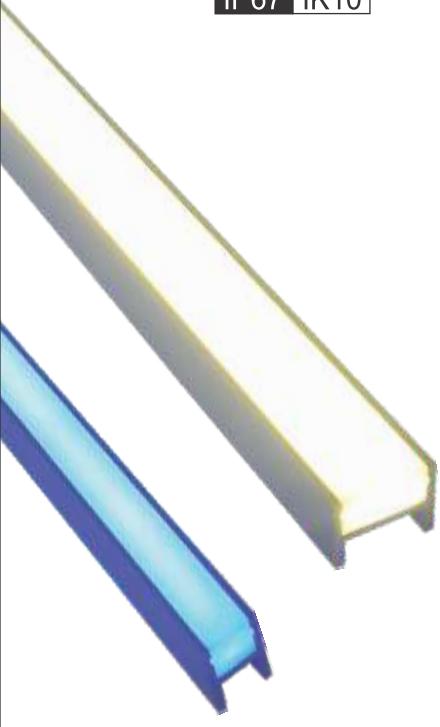
COMPLIANCES - LUMINAIRE

- As Per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP 67/IP 68, IK08 as per IEC-EN 62262
- On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



LINEALED

IP67 IK10



Technical Parameters

Input AC Voltage	:	140 to 277V AC
Frequency	:	50 / 60 Hz
Luminous Efficacy	:	20 to 70 Lumens/Watt
CCT (K)	:	3000K / 4000K / 5700K / RGBW / Single colour R/G/B/A
Optics	:	General Diffused

Linear light lines - Custom built solutions

Technical Specifications

Series	Item Code	*System Wattage	Input Current	Delivered Lumens	THD	PF	Surge Protection	CCT	CRI	IP	Dimension (LxWxH)mm
LINEALED	OLLF-0007-730-00-00	7	0.034	238	<20%	0.85	2 KV	3000K	70	67	Custom
LINEALED	OLLF-0010-730-00-00	10	0.046	340	<20%	0.90	4 KV	3000K	70	67	Custom
LINEALED	OLLF-0014-730-00-00	14	0.065	476	<20%	0.90	4 KV	3000K	70	67	Custom
LINEALED	OLLF-0024-730-00-00	24	0.111	816	<20%	0.90	4 KV	3000K	70	67	Custom

*Above System wattages are per meter length



Aeroflood-QUADRA

IP66 IK08



Energy Label A++



LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating with multiple color options
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 4mm Thick extra clear toughened glass
- Silicon moulded & extruded gaskets for IP66 rating
- Separate integral driver compartment IP 66
- All Stainless steel - AISI 304 grade hardware
- Minimised windage area (0.0676M²)
- **ON REQUEST:** Microwave motion sensor, Dimmable / DALI versions, Daylight sensor, Emergency version through Lithium Ion battery pack, Mechanical protection guard.

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, Provided with Brass PG9 cable gland

COMPLIANCES - LUMINAIRE

- As Per IS 10322 (Part5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **ON REQUEST:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.

LEDs

- High efficacy (>145Lm/W) Outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 80%, 50,000 Hrs (L80B20)
- High color rendering : CRI - 70/80/90
- Various CCT : 4000K / 3000K / 2200K / RGBW

ELECTRICAL SYSTEM•

- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & open circuit protection 4KV / 5KV / 6KV inbuilt surge protection
- Optional 10KV / 20 KV external SPD
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To 45°C

OPTICAL SYSTEM

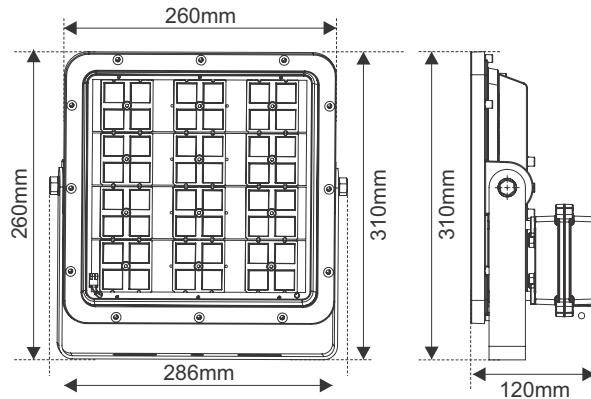
- Variety of photometric beam options for - Facade Lighting, Sports Arenas, Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available



Aeroflood-QUADRA

IP66 IK08

ARCHITECTURAL
LIGHTING



Technical Parameters

Input AC Voltage	: 140 to 277V AC
Frequency	: 50 / 60 Hz
Luminous Efficacy	: Up to 120 Lumens /Watt
CCT (K)	: 3000K / 4000K / RGB / RGBW /Single colour
Optics	: Symmetric : 10° / 25° / 35° / 50° / 60° / 90° Asymmetric : 20°x 90° Elliptical / FN - Forward Asymmetric 45°
Net Weight	4.8Kg.



Technical Specifications

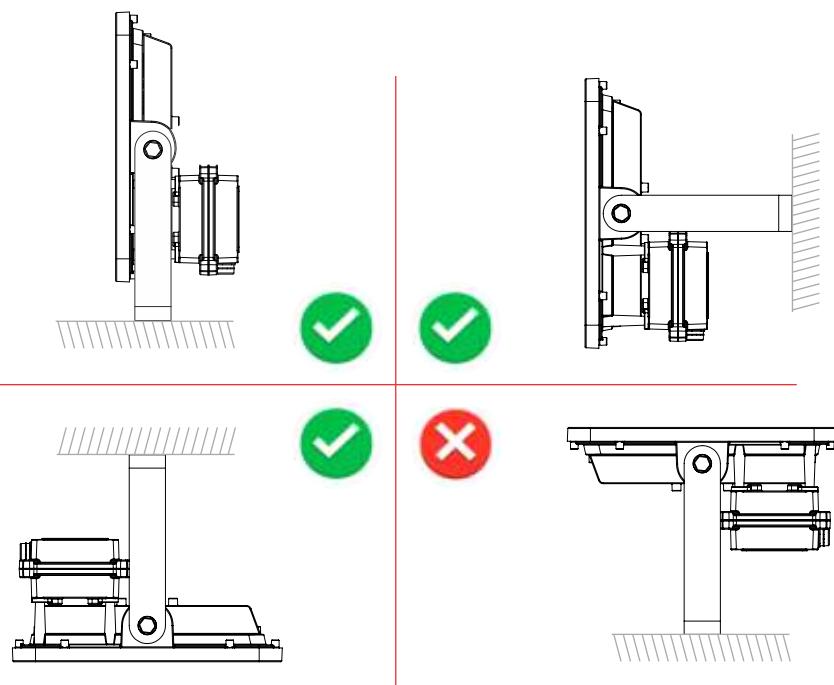
Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
QUADRA	OLFL-0075-930-FN-00	75	0.325	7500	AsymFN	<10%	0.95	4 KV	3000K	90
QUADRA	OLFL-0100-930-FN-00	100	0.436	10000	AsymFN	<10%	0.95	4 KV	3000K	90
QUADRA	OLFL-0150-930-FN-00	150	0.655	15000	AsymFN	<10%	0.95	4 KV	3000K	90
QUADRA	OLFL-0200-930-FN-00	200	0.875	20000	Symm 60°	<10%	0.95	4 KV	3000K	90
QUADRA	OLFL-0120-RGB-25-00	120	0.655	4800	Symm 25°	<10%	0.91	4 KV	RGB	NA
QUADRA	OLFL-0150-RGBW-10	150	0.655	6300	Spot 10°	<10%	0.91	4 KV	RGBW	NA
QUADRA	OLFL-0150-RGBW-24	150	0.655	6300	Symm 24°	<10%	0.91	4 KV	RGBW	NA
QUADRA	OLFL-0150-RGBW-42	150	0.655	6300	Symm 42°	<10%	0.91	4 KV	RGBW	NA
QUADRA	OLFL-0150-RGBW-11x39	150	0.655	6300	11° x 39°	<10%	0.91	4 KV	RGBW	NA
QUADRA	OLFL-0200-RGBW-10	200	0.875	8400	Spot 10°	<10%	0.91	4 KV	RGBW	NA
QUADRA	OLFL-0200-RGBW-24	200	0.875	8400	Symm 24°	<10%	0.91	4 KV	RGBW	NA
QUADRA	OLFL-0200-RGBW-42	200	0.875	8400	Symm 42°	<10%	0.91	4 KV	RGBW	NA
QUADRA	OLFL-0200-RGBW-11x39	200	0.875	8400	11° x 39°	<10%	0.91	4 KV	RGBW	NA



Aeroflood-QUADRA

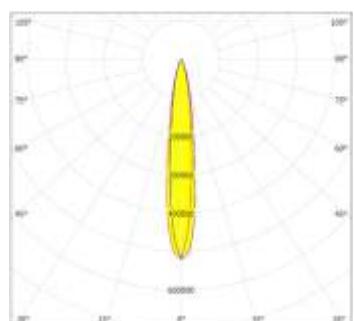
IP66 IK08

Installation Illustrations

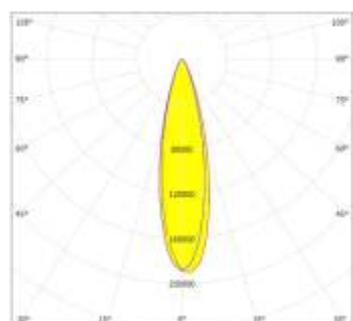


Polar Diagram

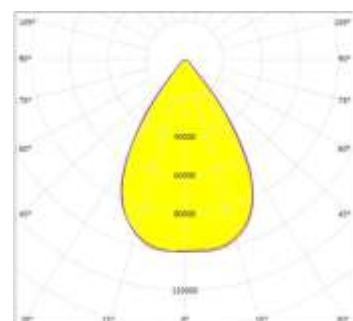
10° - 15° Narrow



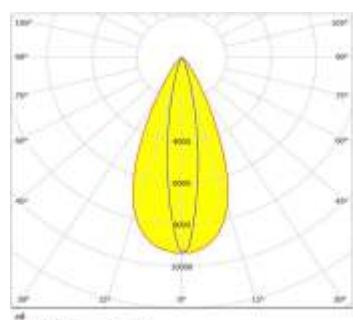
25° - 33° Medium



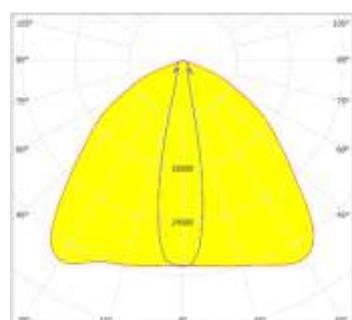
50° - 60° Wide



11° x 38° Elliptical Beam



24° x 90° Bi-Symmetric





Aeroflood-DAZZLE

IP66 IK08



Energy Label A++

LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast Aluminium alloy housing
- Polyester powder coating with multiple color options
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 4mm thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- Separate integral driver compartment IP 66
- All stainless steel - AISI 304 grade hardware
- Minimised windage area (0.120M²)
- Anti condensation breather cum pressure equalization valve
- **ON REQUEST:** Microwave motion sensor, Dimmable/ DALI versions, Daylight sensor, Emergency version through Lithium Ion battery pack, Mechanical protection guard.

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, provided with brass PG9 Cable gland

COMPLIANCES - LUMINAIRE

- As per IS 10322 (Part 5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to salt spray tests pursuant to standard UNI EN ISO 9227.

LEDs

- High efficacy (>145Lm/W) outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 80%, 50,000 Hrs (L80B20)
- High color rendering : CRI - 70/80/90
- Various CCT : 4000K / 3000K / 2200K / RGBW

ELECTRICAL SYSTEM•

- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & Open circuit protection 4KV / 5KV / 6KV inbuilt surge protection
- Optional 10KV / 20 KV external SPD
- Low current harmonics : THD < 10%
- Low Flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

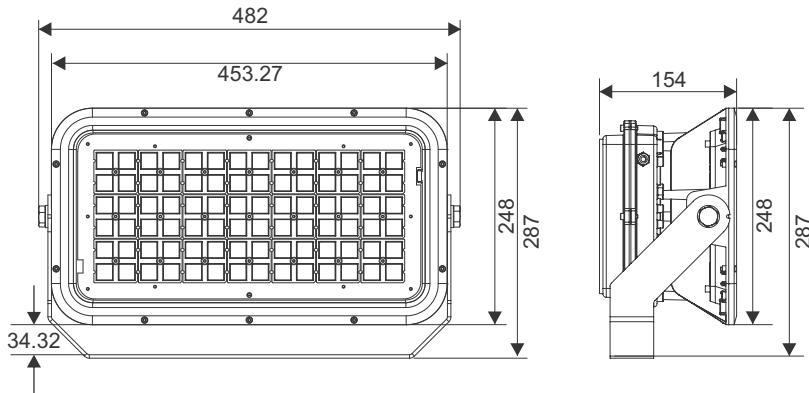
- Variety of photometric beam options for - Area Lighting, Facade Lighting, Tunnel Lighting, Sports Arenas
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available



Aeroflood-DAZZLE

IP66 IK08

ARCHITECTURAL
LIGHTING



Technical Parameters

Input AC Voltage	:	140 to 277V AC
Frequency	:	50 / 60 Hz
Luminous Efficacy	:	Up to 120 Lumens /Watt
CCT (K)	:	3000K / 4000K / RGB / RGBW /Single colour
Optics	:	Symmetric : 10° /25° /35° /50° /60° /90° Asymmetric : 20°x 90° Elliptical / FN - Forward Asymmetric 45°
Net Weight	:	10.6Kg.

Technical Specifications

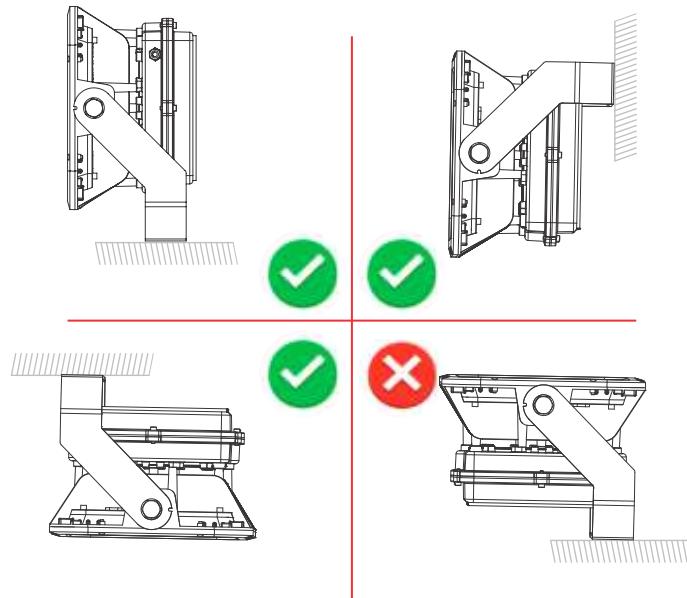
SERIES	ITEM CODE	SYSTEM WATTAGE	INPUT CURRENT	DELIVERED LUMENS	LIGHT BEAM	THD	PF	SURGE PROTECTION	CCT	CRI
DAZZLE	OLFL-0250-930-FN-00	250	1.06	25000	AsymFN	<10%	0.95	4 KV	3000K	90
DAZZLE	OLFL-0300-930-FN-00	300	1.275	30000	AsymFN	<10%	0.95	4 KV	3000K	90
DAZZLE	OLFL-0300-940-FN-00	300	1.275	30000	AsymFN	<10%	0.95	4 KV	4000K	90
DAZZLE	OLFL-0350-940-FN-00	350	1.489	35000	AsymFN	<10%	0.95	4 KV	4000K	90
DAZZLE	OLFL-0250-RGBW-10	250	1.006	10500	Spot 10°	<10%	0.95	4 KV	RGBW	NA
DAZZLE	OLFL-0250-RGBW-24	250	1.006	10500	Symm24°	<10%	0.95	4 KV	RGBW	NA
DAZZLE	OLFL-0250-RGBW-42	250	1.006	10500	Symm42°	<10%	0.95	4 KV	RGBW	NA
DAZZLE	OLFL-0250-RGBW-11x39	250	1.006	10500	11°x39°	<10%	0.95	4 KV	RGBW	NA
DAZZLE	OLFL-0300-RGBW-10	300	1.275	12600	Spot 10°	<10%	0.95	4 KV	RGBW	NA
DAZZLE	OLFL-0300-RGBW-24	300	1.275	12600	Symm24°	<10%	0.95	4 KV	RGBW	NA
DAZZLE	OLFL-0300-RGBW-42	300	1.275	12600	Symm42°	<10%	0.95	4 KV	RGBW	NA
DAZZLE	OLFL-0300-RGBW-11x39	300	1.275	12600	11°x39°	<10%	0.95	4 KV	RGBW	NA



Aeroflood-DAZZLE

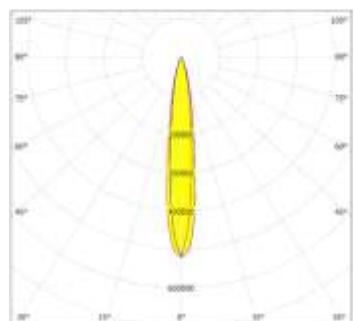
IP66 IK08

Installation Illustrations

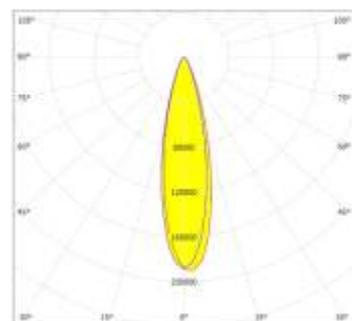


Polar Diagram

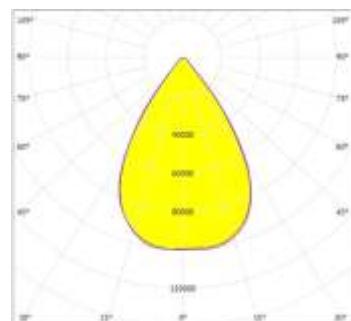
10° - 15° Narrow



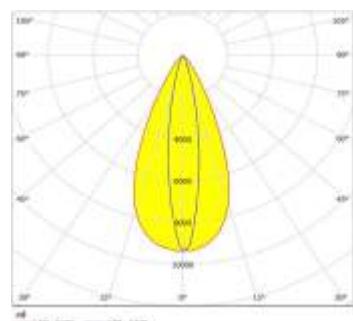
25° - 33° Medium



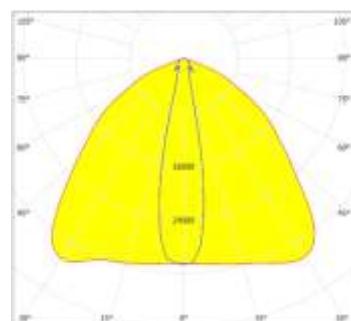
50° - 60° Wide



11° x 38° Elliptical Beam



24° x 90° Bi-Symmetric





Aeroflood-DAZZLE DUO

IP66 IK08



Energy Label A++



LED ARCHITECTURAL FLOOD LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- High tensile mild steel powder coated chassis
- Angle of each Module fixed / Adjustable (on demand)
- Polyester powder coating
- Robust, Sleek design with excellent heat dissipation
- 360° Cradle movement for omnidirectional precise focusing
- 4mm Thick extra clear toughened glass
- Silicon moulded gaskets for IP66 rating
- Separate integral / Non integral driver compartment IP 66
- All Stainless steel - AISI 304 grade hardware
- Minimised windage area (0.260M²)
- Anti condensation breather cum pressure equalization valve
- **ON REQUEST:** Microwave motion sensor, Dimmable/ DALI versions, Daylight sensor, Emergency version through Lithium Ion battery pack, Mechanical protection guard

THERMAL MANAGEMENT

- Generously designed radiator fins in vertical direction to ensure proper air convection
- Separate integral /Non integral driver compartment for thermal isolation & not to affect LED compartment during maintenance, Provided with brass PG9 Cable Glands

LEDs

- High efficacy (>145Lm/W) outdoor illumination grade SMD LEDs, LM80 Certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 80%, 50,000 Hrs (L80B20)
- High color rendering : CRI - 70/80/90
- Various CCT : 4000K / 3000K / 2200K / RGBW

ELECTRICAL SYSTEM

- Outdoor rated >90% efficiency constant current drivers with over voltage (440V AC)/Undervoltage, Short circuit & open circuit Protection 4KV / 5KV / 6KV inbuilt surge protection.

- Optional 10KV / 20 KV external SPD
- Low current harmonics : THD < 10%
- Low flicker : <3%
- Ambient temperature range : -30°C To 50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Area Lighting, Facade Lighting, Tunnel Lighting, Sports Arenas
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

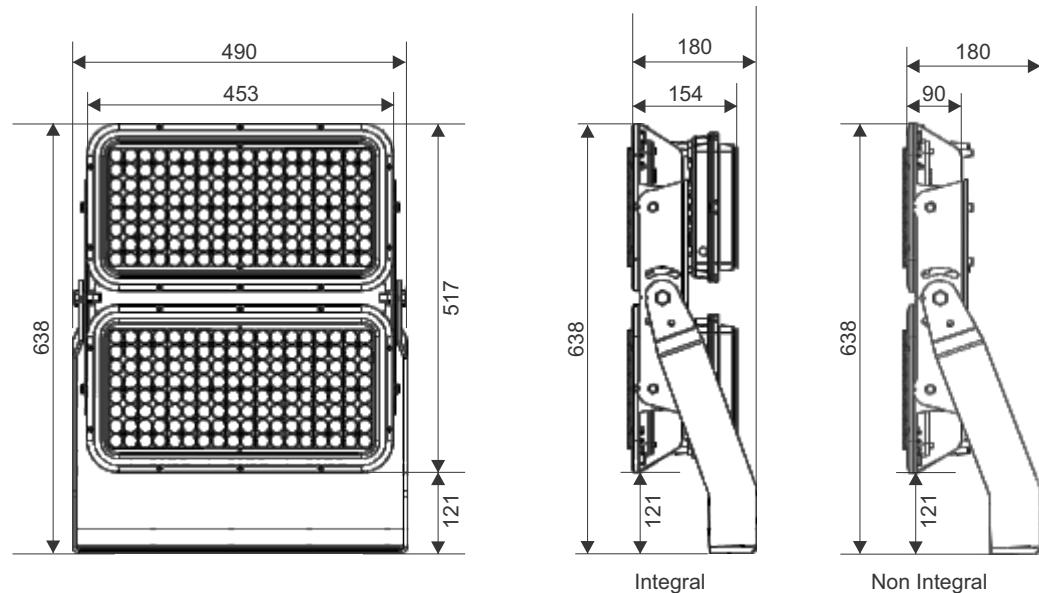
- As per IS 10322 (Part5/ Sec.5) 2012 & 2015
- IP66, IK08 as per IEC-EN 62262
- **On Request:** Surface coating resistant to Salt spray tests pursuant to Standard UNI EN ISO 9227.



Aeroflood-DAZZLE DUO

IP66 IK08

ARCHITECTURAL
LIGHTING



Technical Parameters

Input AC Voltage	: 140 to 277V AC
Frequency	: 50 / 60 Hz
Luminous Efficacy	: Up to 120 Lumens /Watt
CCT (K)	: 3000K / 4000K / RGB / RGBW /Single colour
Optics	: Symmetric : 10° /25° /35° /50° /60° /90° Asymmetric : 20°x 90° Elliptical / FN - Forward Asymmetric 45°
Net Weight	: 23.5Kg.

Technical Specifications

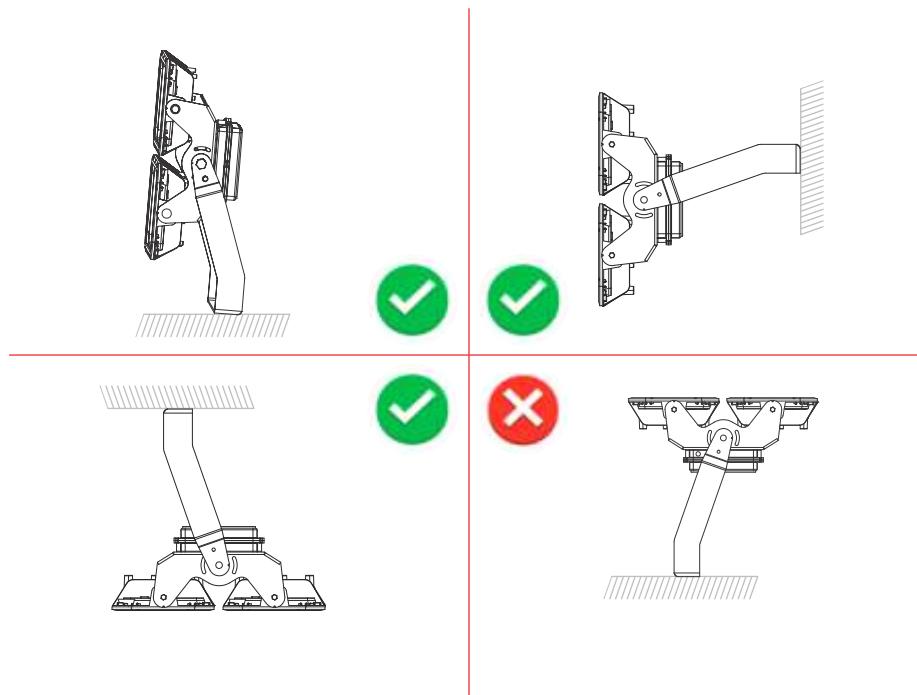
Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
AEROFLOOD DAZZLE DUO OLFL-0500-930-60-00		500	2.120	50000	Symm 60° <10%	0.95	4 KV	3000K	90	
AEROFLOOD DAZZLE DUO OLFL-0500-930-FN-00		500	2.120	50000	Asymm FN <10%	0.95	4 KV	3000K	90	
AEROFLOOD DAZZLE DUO OLFL-0500-930-25-00		500	2.120	50000	Symm 25° <10%	0.95	4 KV	3000K	90	
AEROFLOOD DAZZLE DUO OLFL-0500-RGBW-10-00	500	2.120	21000	Symm 10° <10%	0.95	4 KV	RGBW	NA		
AEROFLOOD DAZZLE DUO OLFL-0500-RGBW-24-00	500	2.120	21000	Symm 24° <10%	0.95	4 KV	RGBW	NA		
AEROFLOOD DAZZLE DUO OLFL-0500-RGBW-42-00	500	2.120	21000	Symm 42° <10%	0.95	4 KV	RGBW	NA		
AEROFLOOD DAZZLE DUO OLFL-0600-RGBW-25-00	600	2.550	25200	Symm 25° <10%	0.95	4 KV	RGBW	NA		
AEROFLOOD DAZZLE DUO OLFL-0600-RGBW-10-00	600	2.550	25200	Symm 10° <10%	0.95	4 KV	RGBW	NA		
AEROFLOOD DAZZLE DUO OLFL-0700-RGBW-25-00	700	2.980	29400	Symm 25° <10%	0.95	4 KV	RGBW	NA		
AEROFLOOD DAZZLE DUO OLFL-0700-RGBW-10-00	700	2.980	29400	Symm 10° <10%	0.95	4 KV	RGBW	NA		



Aeroflood-DAZZLE DUO

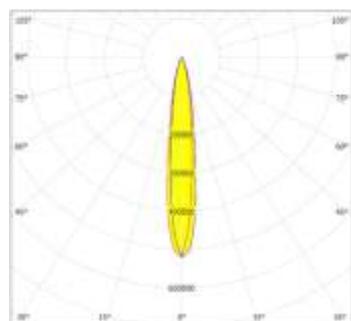
IP66 IK08

Installation Illustrations

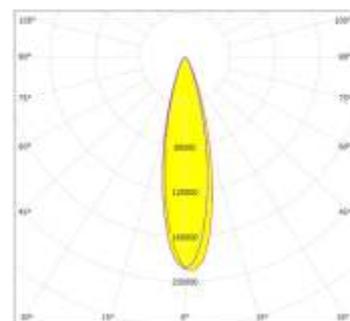


Polar Diagram

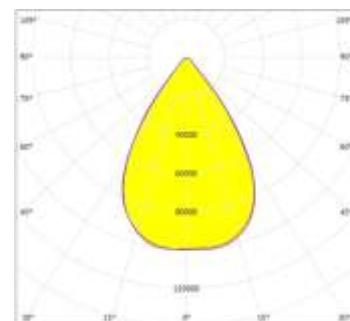
9.5° Spot



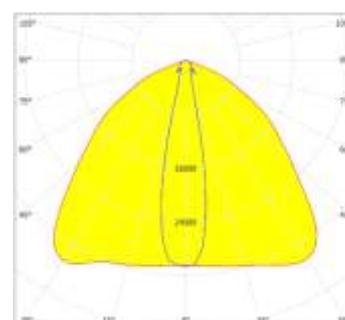
25° - 33° Medium



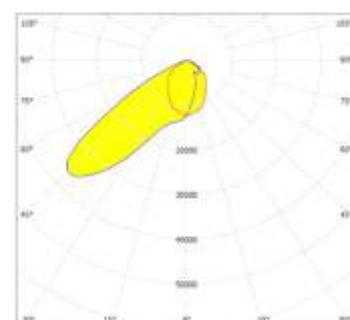
50° - 60° Wide



24° x 90° Bi Symmetric



FN Forward Assymmetric



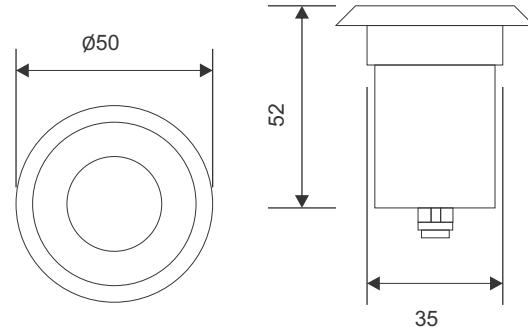


OMNIFLOOR-R50

IP67 IK10



Energy Label A++



LED IN-GROUND UP LIGHT

SPECIFICATION

Housing : Stainless steel AISI 316L

Diffuser: Toughened glass

LEDs : Power LEDs with high efficacy (>120lm/W), 3000/4000/5700K / R/G/B/A/RGBW, with Luminous Flux maintenance of 70% (L70 B20) at 50,000 Hrs.

Mounting: Recessed

Driver : Integral with safety diode to protect the LED module against voltage peaks up to 4KV. P.F. > 0.5

Optics: 25° Symmetric / 120° Wide /Diffused,

Ambient Temperature Zone : -30 °C to +50°C

Input Voltage Range : 100V – 280V AC, 50-60 Hz

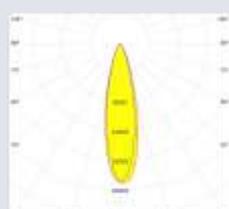


Application image for reference purpose only

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
OMNIFLOOR-R50	OLGR-0001-930-025-00	1.5	0.006	96	Symm 25° <20%	0.50	0.50	2 KV	3000K	90
OMNIFLOOR-R50	OLGR-0001-BLUE-120-00	1.5	0.006	20	Symm 120° <20%	0.50	0.50	2 KV	BLUE	NA

25° Medium Beam



OMNIFLOOR-R56

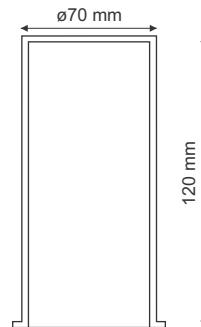
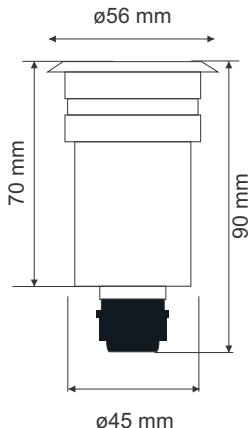
IP67 IK10

ARCHITECTURAL
LIGHTING



Energy Label A++

Nylon Recessing Sleeve
Cutout dia : ø51mm
Length : 120 mm



LED IN-GROUND UP LIGHT

SPECIFICATION

Housing : Stainless steel AISI 316L Marine grade

Diffuser: Toughened glass extra clear 8 mm thick

LEDs : 3 x 1W Power LEDs with high efficacy

(>120lm/W), 3000/4000/5700K, R/G/B with Luminous Flux maintenance of 70% (L70 B20) at 50,000 Hrs.

Mounting: Floor / Wall recessed

Driver : Integral/Non integral

Optics: 12° / 25° Symetric

Ambient Temperature Zone : -30 °C to +50°C

Input Voltage Range : 100V – 280V AC, 50-60 Hz

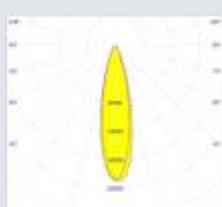


Application image for reference purpose only

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
OMNIFLOOR-R56	OLGR-0003-930-25-00	3.5	0.016	210	Symm 25° <20%	0.90	0.90	4 KV	3000K	90
OMNIFLOOR-R56	OLGR-0006-930-25-00	6	0.028	450	Symm 25° <20%	0.90	0.90	4 KV	3000K	90

25° Medium Beam



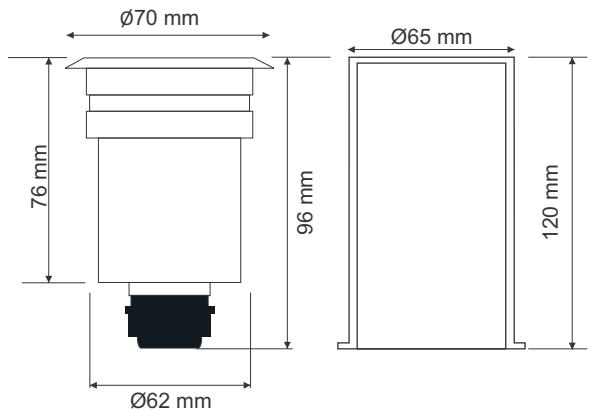
OMNIFLOOR-R70

IP67 IK10



Nylon Recessing Sleeve
Cutout dia : Ø66mm
Length : 120 mm

Energy Label A++



LED IN-GROUND UP LIGHT

SPECIFICATION

Housing : Stainless steel AISI 316L Marine grade

Diffuser: Toughened glass extra clear 8 mm thick

LEDs : 3 x 2W Power LEDs with high efficacy

(>20lm/W), 3000/4000/5700K, R/G/B with Luminous Flux maintenance of 70% (L70 B20) at 50,000 Hrs.

Mounting: Floor / Wall recessed

Driver : Integral/Non integral

Optics: 12° / 25° Symetric

Ambient Temperature Zone : -30 °C to +50°C

Input Voltage Range : 100V – 280V AC, 50-60 Hz

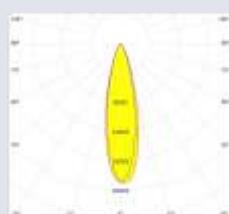


Technical Specifications

Application image for reference purpose only

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
OMNIFLOOR-R70	OLGR-0007-930-12-00	7	0.032	550	Spot 12°	<20%	0.90	4 KV	3000K	90
OMNIFLOOR-R70	OLGR-0007-930-25-00	7	0.032	550	Symm 25°	<20%	0.90	4 KV	3000K	90
OMNIFLOOR-R70	OLGR-0007-930-40-00	7	0.032	550	Symm 40°	<20%	0.90	4 KV	3000K	90

25° Medium Beam

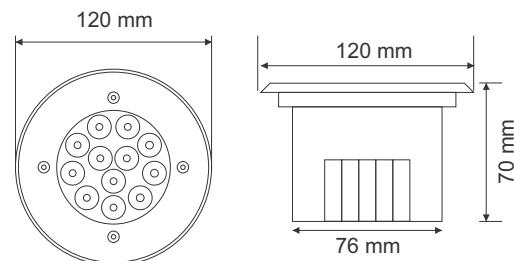


OMNIFLOOR-R120

IP67 IK10



Energy Label A++

Nylon recessing sleeve
cutout Dia : ø84mm

LED IN-GROUND UP LIGHT

SPECIFICATION

Housing : Stainless steel AISI 304**Diffuser:** Toughened glass**LEDs :** 3 x 1W Power LEDs with high efficacy

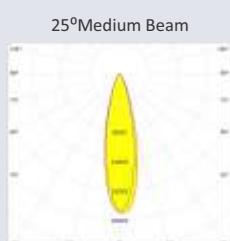
(>120lm/W), 3000/4000/5700K, with Luminous Flux maintenance of 70% (L70 B20) at 50,000 Hrs.

Mounting: Recessed**Driver :** Integral with safety diode to protect the LED module against voltage peaks up to 4KV. P.F. > 0.9**Optics:** 25° Symmetric,**Ambient Temperature Zone :** -30 °C to +50°C**Input Voltage Range :** 100V – 280V AC, 50-60 Hz

Technical Specifications

Application image for reference purpose only

Series	Item Code	System Wattage	Input Current	Delivered Lumens	Light Beam	THD	PF	Surge Protection	CCT	CRI
OMNIFLOOR-R120	OLGR-0014-930-15-00	14	0.065	900	Symm 15° <20%	0.90	0.90	4 KV	3000K	90
OMNIFLOOR-R120	OLGR-0020-930-45-00	20	0.092	1450	Symm 45° <20%	0.90	0.90	4 KV	3000K	90



OMNIFLOOR - Midi

IP66 IK08



Energy Label A++

LED IN-GROUND UP LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating
- Recess case material- ABS/ Nylon
- Frame material- SS316
- 8mm thick extra clear toughened glass
- Silicon moulded gaskets for IP67 rating
- All Stainless steel - AISI 304 grade hardware.
- Brass PG7 cable gland

THERMAL MANAGEMENT

- Integral / Non integral driver.

LEDs

- Osram/ Cree/ Seoul/ Bridgelux 3535 discrete SMD LEDs, LM80 certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)

ELECTRICAL SYSTEM

- Outdoor rated >85% efficiency constant current / constant voltage drivers integral / in separate IP66 driver box
- Low current harmonics : THD < 15%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

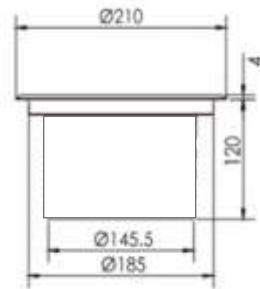
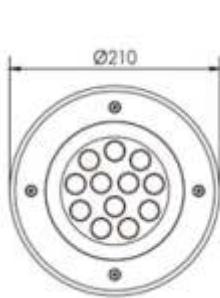
- As per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP67, IK10 as per IEC-EN 62262



Application image for reference purpose only →

OMNIFLOOR - Midi

IP66 IK08



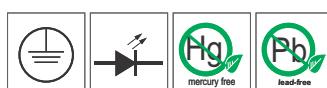
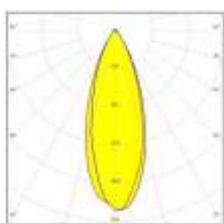
Technical Parameters

Input AC Voltage	:	140V to 270V
Frequency	:	50/60Hz
Lumen Efficiency	:	60 to 100Lm/Watt
CCT(K)	:	3000K/ 4000K/ 5700K/ Single color (R/ G/ B/ A)/ RGBW
Optics	:	Symmetric: 10 ° / 15 ° / 30 ° / 40 ° / 60 ° Asymmetrical- Forward Asymmetric

Technical Specifications

Series	Item Code	System Wattage	Input Current	Delivered Lumens	THD	PF	Surge Protection	CCT	CRI	IP	Dimension (LxWxH)mm
OMNIFLOOR MIDI	OLGF-018-730-15	18	0.083	1080	<15%	0.9	4 KV	3000K	70	67	Ø210x120
OMNIFLOOR MIDI	OLGF-024-740-25	24	0.111	1440	<15%	0.9	4 KV	4000K	70	67	Ø210x120
OMNIFLOOR MIDI	OLGF-030-757-40	30	0.138	1800	<15%	0.9	4 KV	5700K	70	67	Ø210x120
OMNIFLOOR MIDI	OLGF-036-730-15	36	0.167	2160	<15%	0.9	4 KV	3000K	70	67	Ø210x120
OMNIFLOOR MIDI	OLGF-024-RGBW-25	24	0.111	960	<15%	0.9	4 KV	RGBW	NA	67	Ø210x120

40° Spot



OMNIFLOOR - Mini

IP66 IK08



Energy Label A++

LED IN-GROUND UP LIGHT

DESIGN FEATURES

- High pressure die cast aluminium alloy housing
- Polyester powder coating
- Recess case material- ABS/ Nylon
- Frame material- SS316
- 8mm thick extra clear toughened glass
- Silicon moulded gaskets for IP67 rating
- All Stainless steel - AISI 304 grade hardware.
- Brass PG7 cable gland

THERMAL MANAGEMENT

- Integral / Non integral driver.

LEDs

- Osram/ Cree/ Seoul/ Bridgelux 3535 discrete SMD LEDs, LM80 certified.
- Low junction thermal resistance for long life and low lumen depreciation
- Luminous flux maintenance 70%, 50,000 Hrs (L70B20)

ELECTRICAL SYSTEM

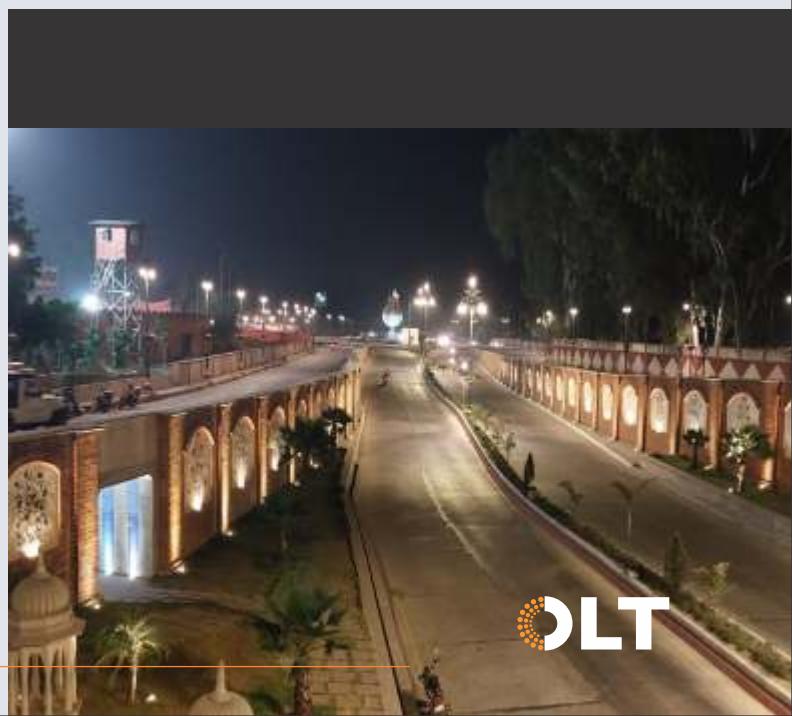
- Outdoor rated >85% efficiency constant current / constant voltage drivers integral / in separate IP66 driver box
- Low current harmonics : THD < 15%
- Low flicker : <3%
- Ambient temperature range : -30°C To +50°C

OPTICAL SYSTEM

- Variety of photometric beam options for - Facade Lighting, Accent and Stage Lighting
- Structured on high performance optical grade lenses in PMMA / PC
- Photometric design data for all optics available

COMPLIANCES - LUMINAIRE

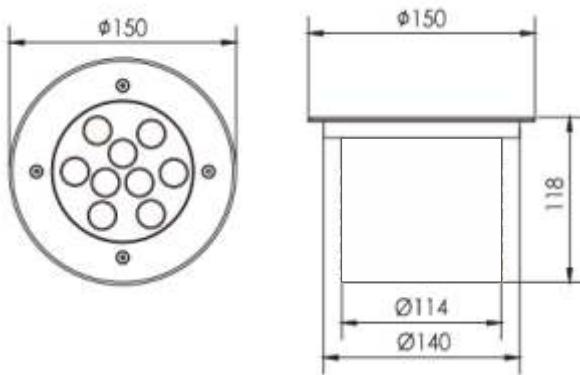
- As per IS 10322 (Part 5 / Sec.5) 2012 & 2015
- IP67, IK10 as per IEC-EN 62262



Application image for reference purpose only →

OMNIFLOOR - Mini

IP66 IK08



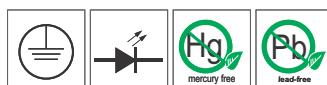
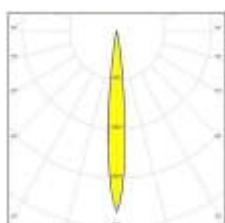
Technical Parameters

Input AC Voltage	:	140V to 270V
Frequency	:	50/60Hz
Lumen Efficiency	:	60 to 100Lm/Watt
CCT(K)	:	3000K/ 4000K/ 5700K/ Single color (R/ G/ B/ A)/ RGBW
Optics	:	Symmetric: 10 ° / 15 ° / 30 ° / 60 ° Asymmetrical- Forward Asymmetric

Technical Specifications

SERIES	ITEM CODE	SYSTEM WATTAGE	INPUT CURRENT	DELIVERED LUMENS	THD	PF	SURGE PROTECTION	CCT	CRI	IP	DIMENSION (LxWxH)mm
OMNIFLOOR MINI	OLGF-006-730-10	6	0.028	360	<20%	0.5	2 KV	3000K	70	67	Ø150x118
OMNIFLOOR MINI	OLGF-009-740-25	9	0.075	540	<20%	0.5	2 KV	4000K	70	67	Ø150x118
OMNIFLOOR MINI	OLGF-012-757-30	12	0.055	720	<15%	0.9	4 KV	5700K	70	67	Ø150x118
OMNIFLOOR MINI	OLGF-015-730-15	15	0.069	900	<15%	0.9	4 KV	3000K	70	67	Ø150x118
OMNIFLOOR MINI	OLGF-015-RGBW-30	15	0.069	600	<15%	0.9	4 KV	RGBW	NA	67	Ø150x118

15° Spot



Dynamic lighting and DMX Controls

DMX stands for Digital Multiplex. It is a technology through which multiple intelligent lighting, sound and special effects devices can be controlled to perform in synchronised or other desired way. The DMX protocol originated in the Theater / Stage and events industry and is now being increasingly used for Outdoor Dynamic RGB Facade lighting and Indoor light colour temperature control e.g. Tunable White Light for "Human Centric Lighting" or to regulate "Body Circadian Rhythms".

In these applications light is used as a design element, and is a prominent architectural tool for creating Iconic nocturnal landmarks in City scape. The DMX protocol has gained popularity with the advent of colour LEDs in Illumination sector.

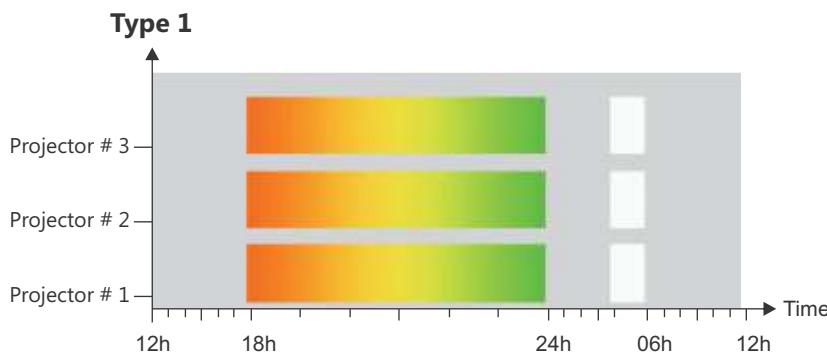
Standard DMX is a unidirectional protocol, which means that the data continuously flows in one direction – from the controller to the luminaires. However with RDM (Remote Device Management), the DMX system becomes bi-directional and Data flows in both directions, i.e. to the luminaires and back to the controller, which simplifies the installation and address allocation as well as enable individual Luminaire Diagnostics, Data acquisition and Logging.

Dynamic lighting application modes

OLT dynamic lighting lights offer endless application possibilities. The following illustration can help choose between three types of colour changing modes.

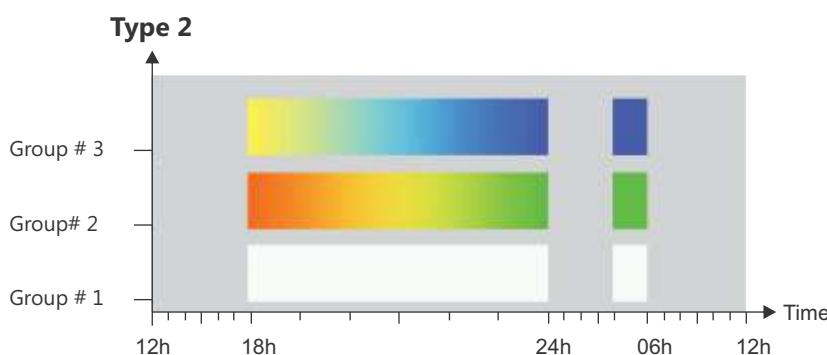
- **Type1:** Standalone single Luminaire or up to 30 Luminaires connected together in Master/ Slave Mode.
In this scenario, all connected luminaires can be set in Synchronised Single colour / Colour changing sequences either in Flash/Strobe mode or Fade/Mutating mode.
Any arbitrary time intervals (in multiples of 4 milliseconds) can be set between one colour to the next, so as to fix "Hold" and "Transition/Fade" times from very short to very long periods.
Any number of Programs can be made and stored in OLT Decoder cum controller memory to choose and play. Special occasion custom Colours can also be set, for example National Flag colours to be played on Important occasions.
It is also possible to make programs with custom colour palettes through OLT Software or using a third party universal DMX controller.
- **Type2:** Separate groups of Luminaires defined and differently addressed
In this scenario, separate luminaire groups can be set in either Synchronised or to perform differently for Single colour / Colour changing sequences in Flash/Strobe mode or Fade/Mutating mode.
All programming features as listed in Type1 mode are also available to the Group control mode.
- **Type3:** Specific Individual Luminaires can be differently addressed
In this scenario, each luminaire can be set in either Synchronised or to perform differently for Single colour / Colour changing sequences in Flash/Strobe mode or Fade/Mutating mode.
All programming features as listed in Type1 & Type2 mode are also available to the Individual control mode.

Type 2 and 3 modes need DMX512/ 1024 Master Controller.



All projectors are uniformly addressed or

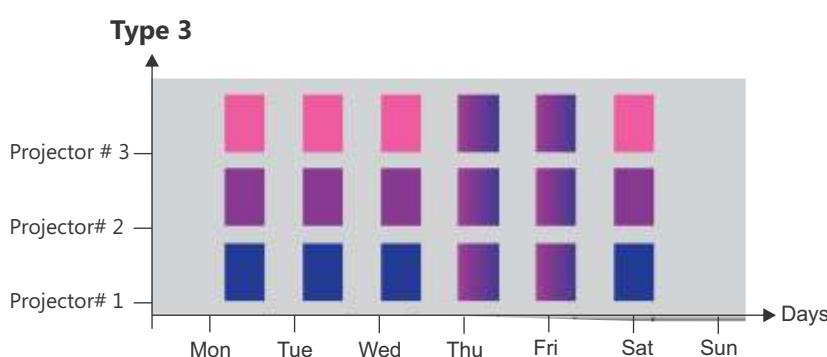
- Up to 30 projectors are wired as 1 Master + Others Slave
- Synchronised colour changing over set time period in Flash / Fade modes
- OLT DMX Programmable Decoders in Standalone mode used without need of DMX Master controller



- Separate group of projectors are defined and differently addressed

- Each group performs a specific scene over set time periods in Flash / Fade modes

- Controlling of projectors done essentially through DMX 512/ DMX 1024 Master controller



Individual projectors are differently addressed

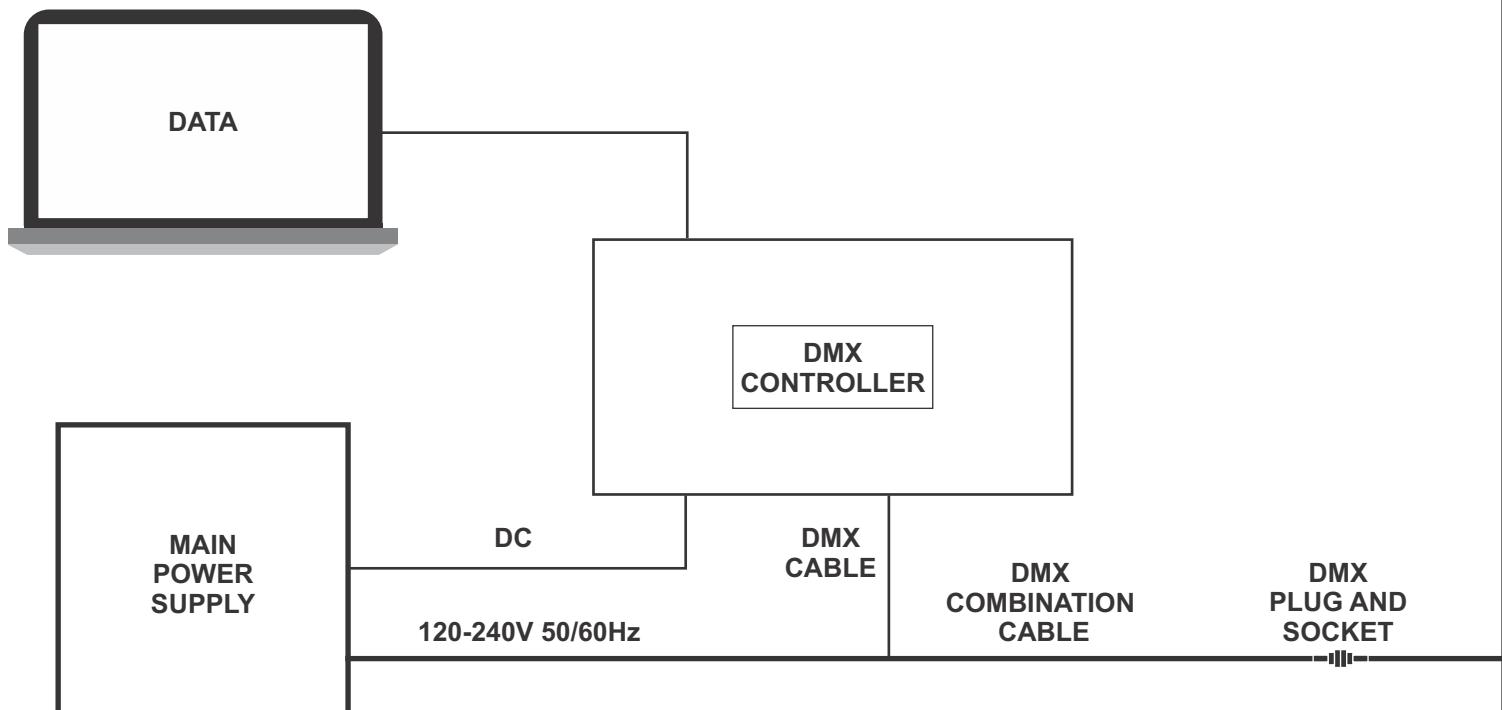
- Each projector performs a specific scene over set time periods / days in Flash / Fade modes
- Controlling of projectors done essentially through DMX 512/ DMX 1024 Master controller

Wiring schematic - Single layout

A DMX Network consists of a DMX controller- the master of the network and one or more projectors, that belongs to a DMX universe.

If the projectors are delivered with a combination cable (see Page2), it is not necessary to open the projectors for the electrical connection. Each projector therefore, as a standard has an "IN" and "OUT" cable with an IP 68 plug and socket connector, thereby connecting each projector in a chain.

The DMX specification requires a termination plug(resistor) to be connected to the 'OUT' of each last projector to avoid mirroring of the signal. For easy integration of the termination plug, a pre - assembled IP68 terminator with resistor is available.

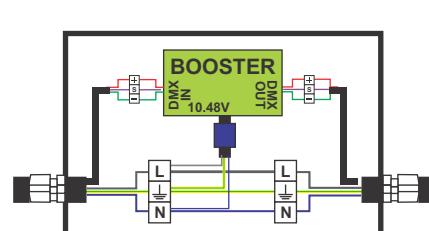
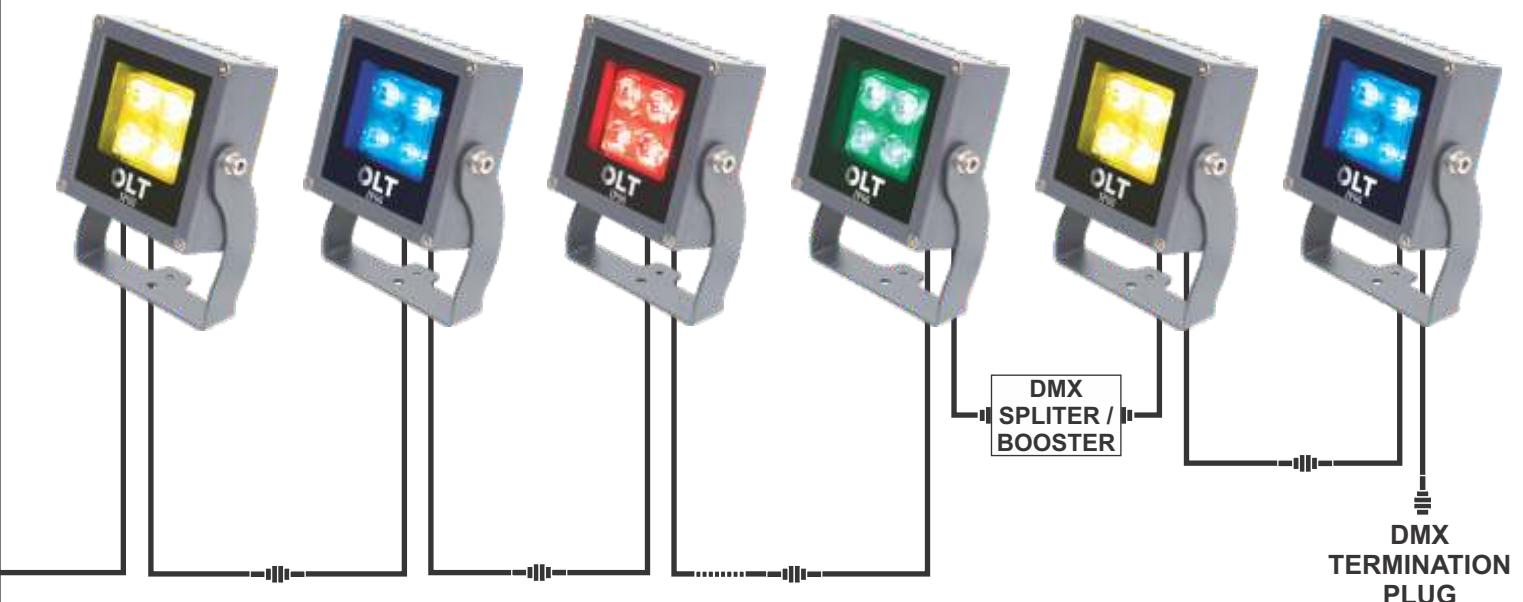


The DMX plug and socket connector connect both power and DMX at the same time. If the projectors are delivered without combination cable, they must be opened for connection on site. The projectors are equipped with two cable entries, max 14 mm diameter. For the assembly a suitable crimping tool is necessary.

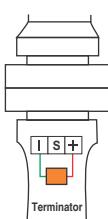
The DMX combination cable needs to be protected by a conduit when used in soil, water or concrete.

The cable carries the three power codes and one twisted pair for the DMX signal plus shielding. If optional sensors or switching devices are to be used, the cable size depends on the devices used. Please always follow the manufacturer's instructions.

All external sources must be connected to the DMX controller via relay.



DMX BOOSTER BOX



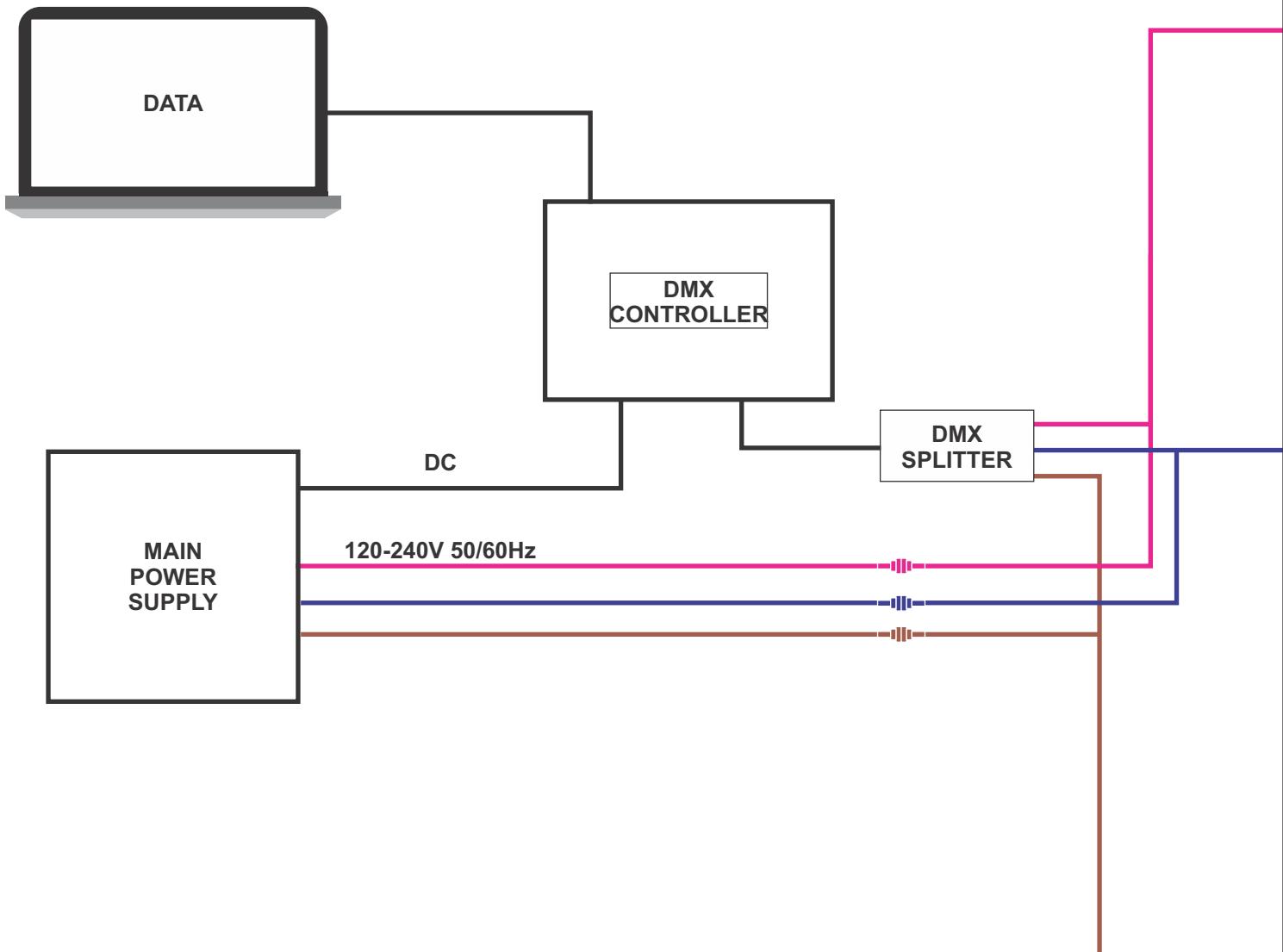
DMX TERMINATION PLUG

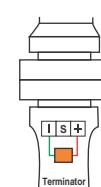
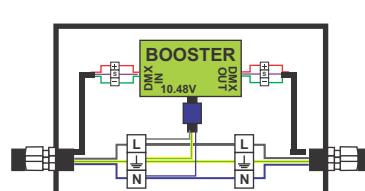
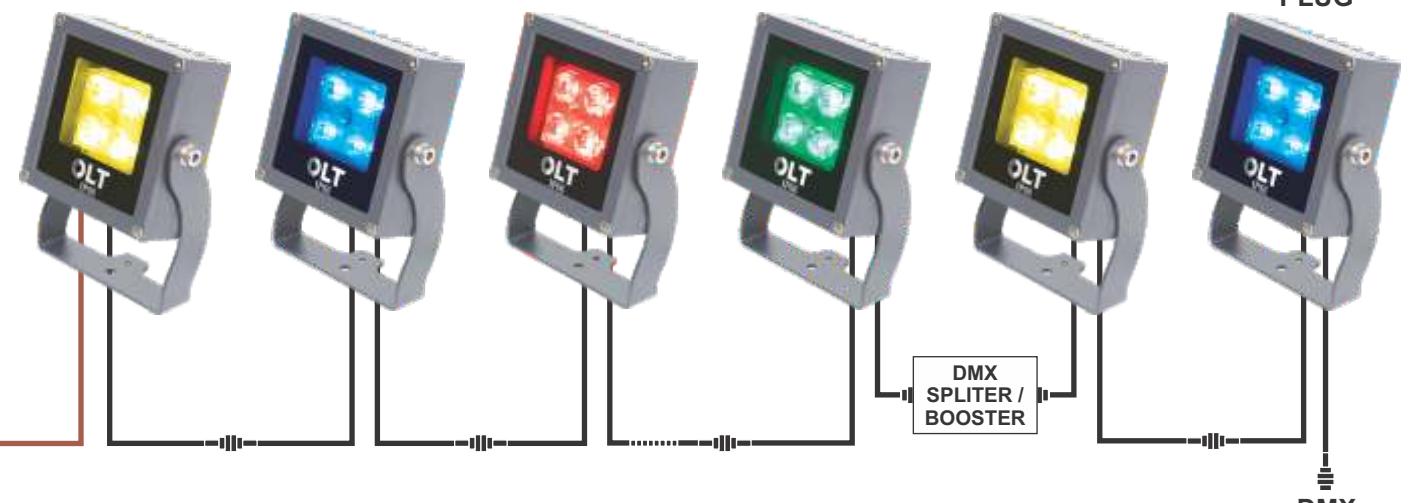
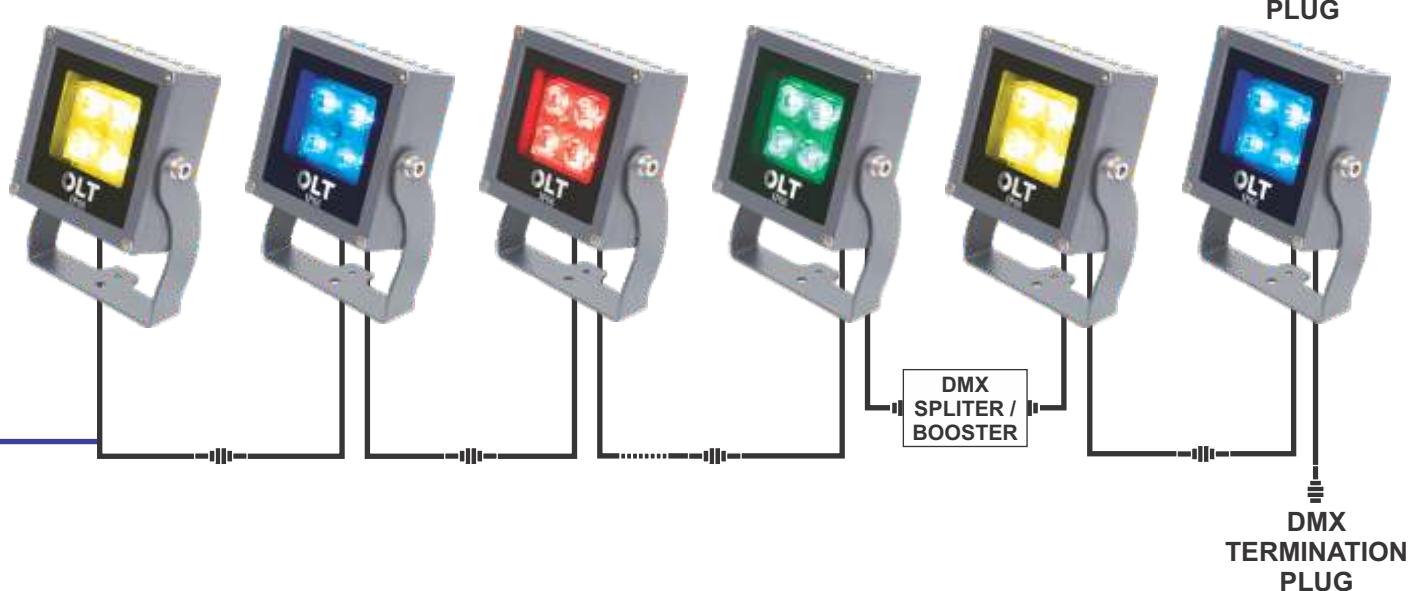
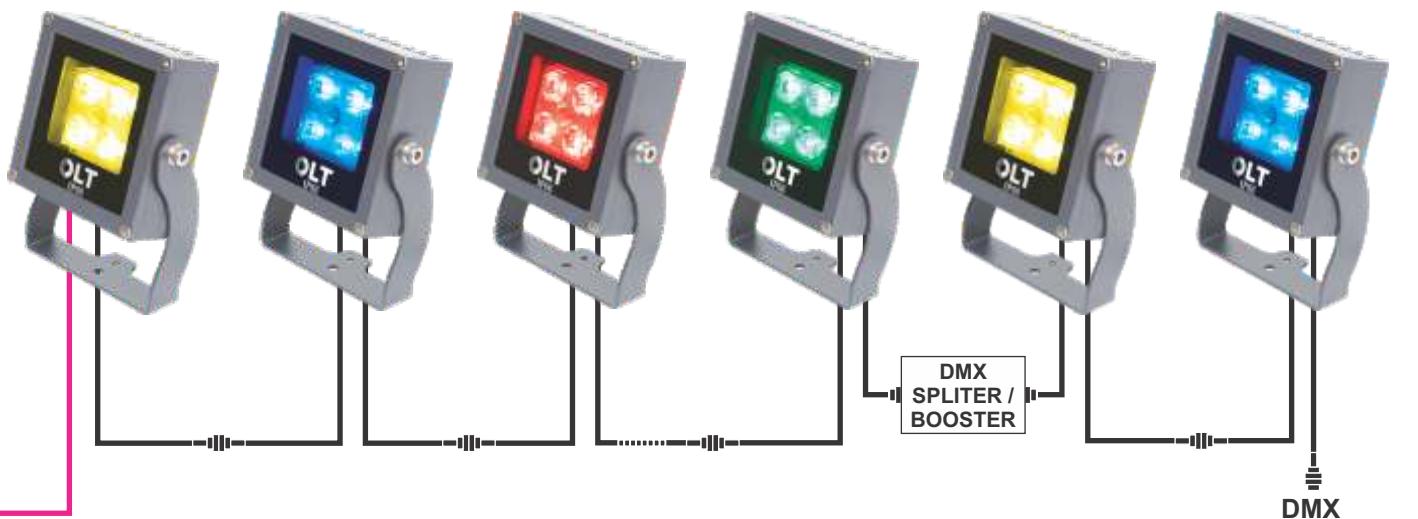


Wiring schematic - Multiple layout

For a multiple layout, a splitter must be used as a multiplexer for the DMX signal.

For the DMX controller with RDM, the splitter is also used for protection as it electrically decouples the signal. A DMX termination plug is also required for the final projector. Otherwise, the basic configuration remains same as for single layout.





DMX BOOSTER BOX DMX TERMINATION PLUG

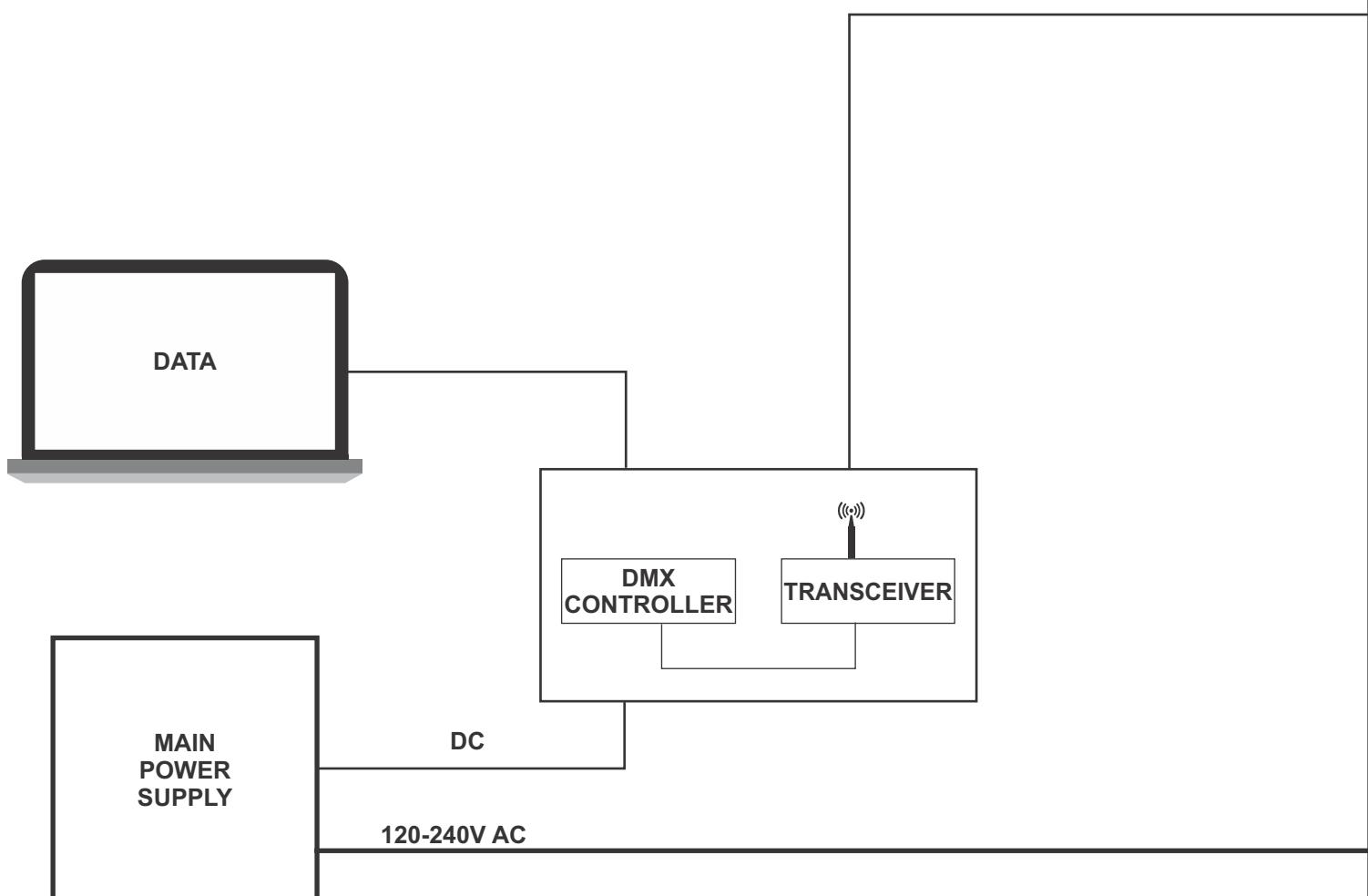
LINE
 DMX+
 GROUND
 DMX-
 NEUTRAL

Wiring schematic for wireless system

The transceiver which also works as a receiver, transmits the encrypted DMX signal via wireless signal to subscribers of the network. Each projector has a built-in transmitter and receiver that transforms the wireless signal back into a classic DMX signal and can also communicate bi-directionally (RDM)

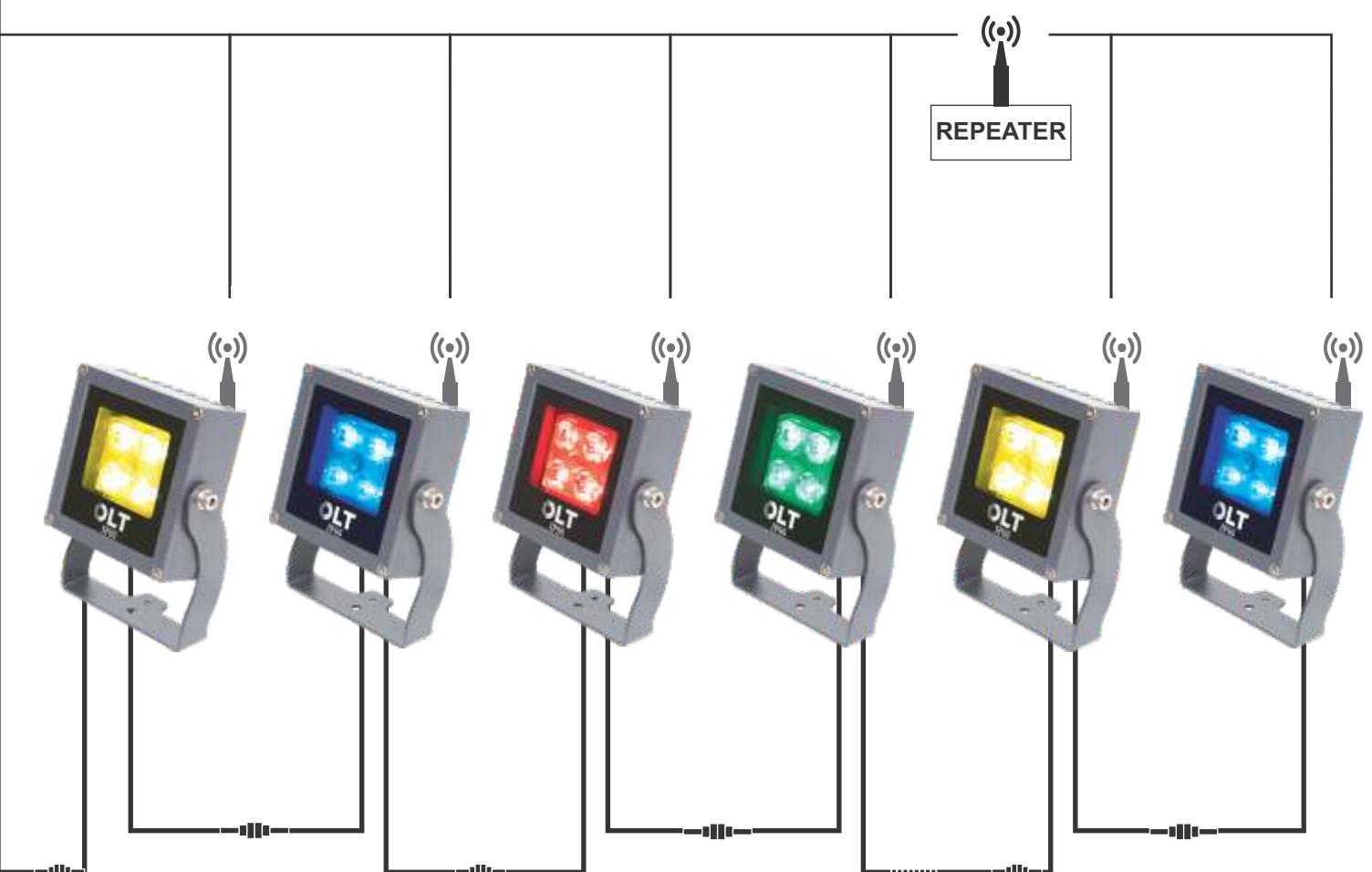
A DMX network consists of a DMX controller-the master of the network-and one or more projectors, which belong to DMX universe.

Only in the wireless system additional transceivers and repeaters replace the cables for the DMX signal transmission. The information for the colour control is transmitted by wireless signal.



Only the projectors must be connected to the mains. for connection, only the gear chamber must be opened. The projectors are equipped with two cable entries, for cables with a max.14mm diameter. The power supply line must be suitable for the application.

The commissioning of the projectors (addressing) is via wireless signal. The signal strength can also be queried via wireless.



Wiring accessories

IP68 IN-LINE CONNECTORS



ITEM CODE	DESCRIPTION
-----------	-------------

OL-TH391 - IP68	In-line circular mini-joint connector type "I" 2P/3P/4P
-----------------	---

OL-TH387 - IP68	In-line circular joint connector type "I" 2P/3P/4P/5P
-----------------	---



IP68 "T" TYPE TWO WAY CONNECTORS

ITEM CODE	DESCRIPTION
-----------	-------------

OL-TH390 - IP68	Circular mini-junction connector 3 ways type "T" 2P/3P/4P
-----------------	---

DRIVERS



ITEM CODE	OUTPUT WATTAGE	OUTPUT VOLTAGE
-----------	----------------	----------------

LPV-35-45	35W	24V DC
-----------	-----	--------

OT40/220-240/24P	40W	24V DC
------------------	-----	--------

LPV-60-24	60W	24V DC
-----------	-----	--------

OT60/220-240/24P	60W	24V DC
------------------	-----	--------

LPV-100-24	100W	24V DC
------------	------	--------

OT100/220-240/24P	100W	24V DC
-------------------	------	--------

LPV-150-24	150W	24V DC
------------	------	--------

OT150/220-240/24P	150W	24V DC
-------------------	------	--------

ELG-75-24/48	75W	24V DC / 48V DC
--------------	-----	-----------------

ELG-100-24/48	100W	24V DC / 48V DC
---------------	------	-----------------

ELG-150-24/48	150W	24V DC / 48V DC
---------------	------	-----------------

ELG-200-24/48	200W	24V DC / 48V DC
---------------	------	-----------------

ELG-240-24/48	240W	24V DC / 48V DC
---------------	------	-----------------

DMX Controllers



DMX Live control and Stand Alone controller

- USB connection
- Up to 2 DMX512 universes
- 128k flash memory for storing stand alone programs
- 8 dry contact trigger ports via HE10 connector
- clock & calendar triggering function
- stand alone mode with 1 zone and 255 scenes



DX Series touch panel controller

DX series wall-mounted touch panel controller for single colour/ RGB/RGBW / Tunable White control with 2.4G wireless control or cable output DMX 512 signal.

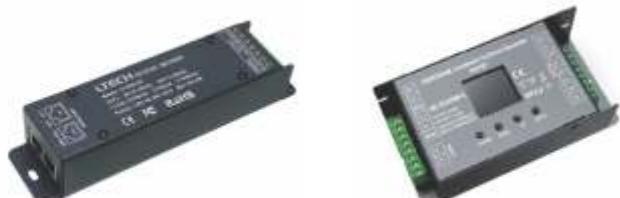


OLT Decoder cum master-slave controller

DMX Decoder cum Controller for single colour/ RGB/RGBW / Tunable White control. Programmable for synchronised flash mode / fade mode colour sequences up to 30 lights connected in Master-Slave mode. Built in memory can store multiple programs / sequences to play in standalone mode.

Enabled to accept command through DMX 512 / 1024 Master Controller for more complex dynamic lighting scenario.

DMX/RDM 4CHANNEL CC/CV DECODER

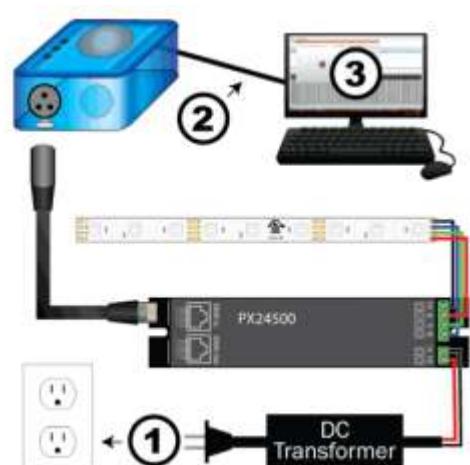


DMX SIGNAL SPLITTER



In order for the DMX programming to work you have to set a starting DMX address for your DMX decoder. It will help in the computer software if you start to think of your DMX decoder as a fixture. You can daisy chain multiple DMX drivers and set unique DMX addresses, as seen in the example photo, to control each fixture or set all your decoders to the same address to control all your decoders as one fixture.

1. Power your DMX Decoder (s)
2. Power your DMX controller via USB PC Connection
3. Start the ESA2 Computer Software
4. Create and Save Scenes
5. Play Stand alone Mode









Omnitech Lighting Pvt.Ltd.

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E-Mail : info@oltindia.com, **Website :** www.oltindia.com



01 308,U.P (India)

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