



EYE LIGHTING

LED PRODUCT CATALOGUE

2025/26

PROJECT REFERENCE



PROJECT REFERENCE



SAITAMA STADIUM, JAPAN



SELETAR COUNTRY CLUB, SINGAPORE

EYELITE

FLOODLIGHT

EYELITE

EY363



EY363-240W-320W



EY363-400W-500W-600W



EY363-1000W-1200W

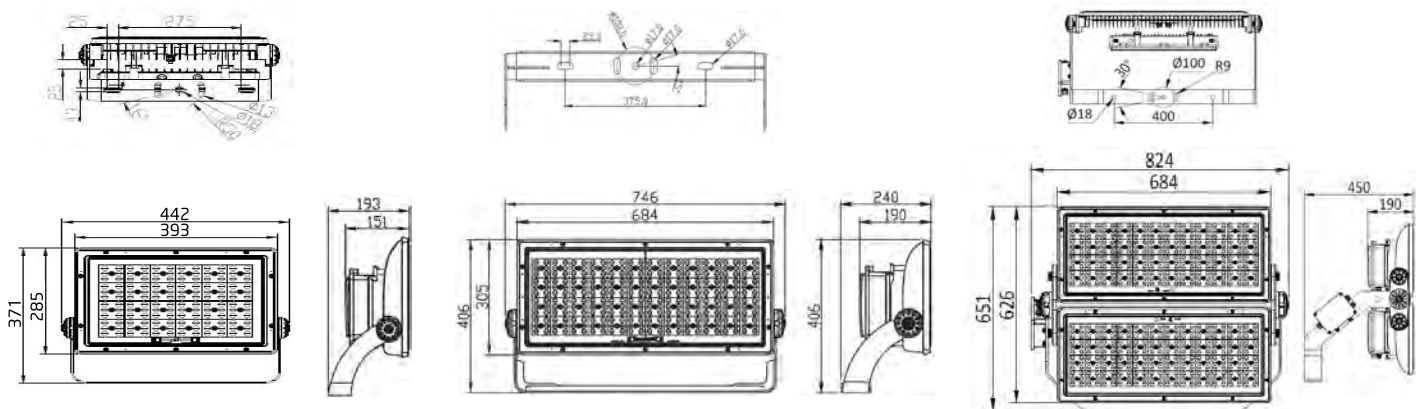
APPLICATION

High Mast Lighting, Road & Highway, Facade Lighting, Carpark, Parks, Riverside, Jogging Tracks.

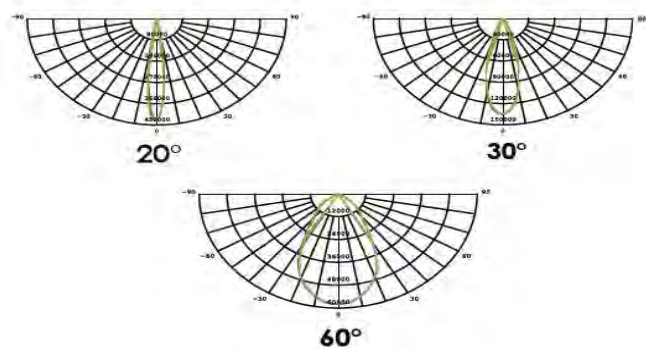
FEATURES

- Available in 20°, 30° & 60° beam angle
- IK09 Impact Resistance
- IP66 Water Ingression Protection
- Remote/ Built in Driver available
- 5G Vibration Proof

PRODUCT DIMENSION



PHOTOMETRIC DATA

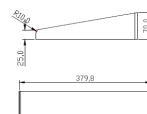
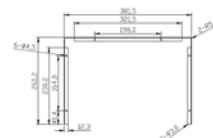


OPTIONAL ANTI-GLARE SHIELD

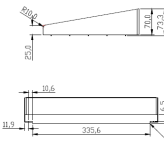
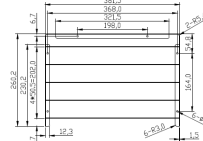


With anti glare shield it can prevent unwanted light which causing discomfort, distraction, or a reduction in visibility.

TYPE A



TYPE B



TECHNICAL DATA

Model	EY363-240W-20°	EY363-240W-30°	EY363-240W-60°
Power Consumption (W)	240		
Luminaire Flux $\pm 5\%$ (lm)	31748	38400	38462
System Efficiency $\pm 5\%$ (lm/W)	133	159	160
CCT(K)	5000		
Power Factor (PF)	≥ 0.98		
Net Weight /pc (kg)	7.7		
Gross Weight (kg)	8.40		
Product Dimension LxWxH(mm)	442 x 371 x 193		
Individual Carton Dimension LxWxH(mm)	458 x 338 x 225		

Model	EY363-320W-20°	EY363-320W-30°	EY363-320W-60°
Power Consumption (W)	320		
Luminaire Flux $\pm 5\%$ (lm)	41843	48500	49478
System Efficiency $\pm 5\%$ (lm/W)	131	153	155
CCT(K)	5000		
Power Factor (PF)	≥ 0.98		
Net Weight /pc (kg)	8.10		
Gross Weight (kg)	9.10		
Product Dimension LxWxH(mm)	442 x 371 x 193		
Individual Carton Dimension LxWxH(mm)	458 x 338 x 225		

Model	EY363-400W-20°	EY363-400W-30°	EY363-400W-60°
Power Consumption (W)	400		
Luminaire Flux $\pm 5\%$ (lm)	54000	58400	59200
System Efficiency $\pm 5\%$ (lm/W)	135	146	148
CCT(K)	5000		
Power Factor (PF)	≥ 0.97		
Net Weight /pc (kg)	18.40		
Gross Weight (kg)	19.90		
Product Dimension LxWxH(mm)	746 x 406 x 240		
Individual Carton Dimension LxWxH(mm)	805 x 370 x 260		

Model	EY363-500W-20°	EY363-500W-30°	EY363-500W-60°
Power Consumption (W)	500		
Luminaire Flux $\pm 5\%$ (lm)	67713	73500	73978
System Efficiency $\pm 5\%$ (lm/W)	135	146	148
CCT(K)	5000		
Power Factor (PF)	≥ 0.97		
Net Weight /pc (kg)	18.40		
Gross Weight (kg)	19.90		
Product Dimension LxWxH(mm)	746 x 406 x 240		
Individual Carton Dimension LxWxH(mm)	805 x 370 x 260		

TECHNICAL DATA

Model	EY363-600W-20°	EY363-600W-30°	EY363-600W-60°
Power Consumption (W)	600		
Luminaire Flux ± 5%(lm)	77519	84350	86311
System Efficiency ± 5%(lm/W)	131	141	144
CCT(K)	5000		
Power Factor (PF)	≥ 0.97		
Net Weight /pc (kg)	19.1		
Gross Weight (kg)	20.60		
Product Dimension LxWxH(mm)	746 x 406 x 240		
Individual Carton Dimension LxWxH(mm)	805 x 370 x 260		

Model	EY363-1000W-20°	EY363-1000W-30°	EY363-1000W-60°
Power Consumption (W)	1000		
Luminaire Flux ± 5%(lm)	135000	145759	146263
System Efficiency ± 5%(lm/W)	135	146	148
CCT(K)	5000		
Power Factor (PF)	≥ 0.97		
Net Weight /pc (kg)	37.70		
Gross Weight (kg)	40.15		
Product Dimension LxWxH(mm)	801 x 732 x 189		
Individual Carton Dimension LxWxH(mm)	860 x 770 x 262		

Model	EY363-1200W-20°	EY363-1200W-30°	EY363-1200W-60°
Power Consumption (W)	1200		
Luminaire Flux ± 5%(lm)	157350	167805	170520
System Efficiency ± 5%(lm/W)	131	141	143
CCT(K)	5000		
Power Factor (PF)	≥ 0.97		
Net Weight /pc (kg)	37.70		
Gross Weight (kg)	39.20		
Product Dimension LxWxH(mm)	801x732x189		
Individual Carton Dimension LxWxH(mm)	860x 770x260		

Note: The above specified lumen and system efficiency based on standard CCT: 5000K

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

Input Voltage	Frequency	Insulation Class	LED Driver
220 – 240Vac	50/60Hz	Class I	Constant Current

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	5050	≥70	(L80), >50,000 hours @ Ta: 40°C	Symmetry (standard) (Asymmetrical lens upon request)

FIXTURE/ HOUSING

- Housing Material : ADC Die Cast Aluminium
- Housing Finish : Powder Coating - RAL7005 Grey

OPTIONAL ACCESSORIES

- DALI/ 1-10V Dimming Control (available upon request)

CERTIFICATION & COMPLIANCE TEST

IEC 60598-1/IEC 60598-2-1, IEC 60598-2-5/IEC/62778, IEC 61000-3-2, IEC 61000-3-3, IEC 550115, IEC 61547, EN 62493, IESNA LM-80, TM21, IEC 60529 (IP66), IEC 62262 (IK09), EN 62321, ROHS

FLOODLIGHT

EYELITE

EY366



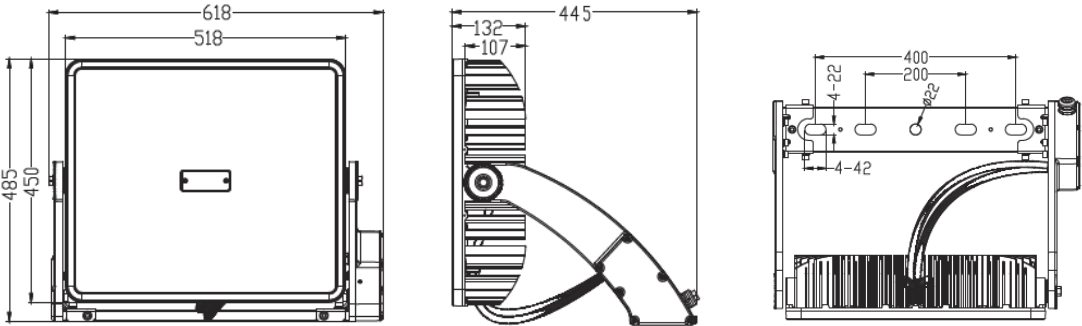
APPLICATION

High Mast Lighting, Road & Highway, Facade Lighting, Carparks, Parks, Riverside, Jogging Tracks.

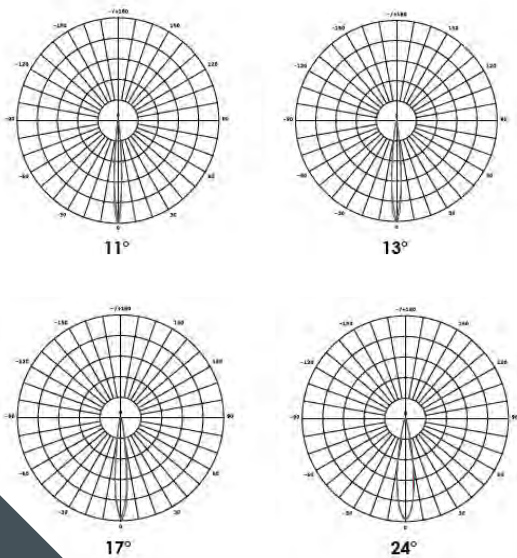
FEATURES

- Available in 11°, 13°, 17° & 24° beam angles
- IK10 Impact Resistance
- IP66 rated sealed fixture protect against water & dust in harsh outdoor environment.
- Cold forging Aluminium with excellent heat dissipation design.
- 5G Vibration Proof
- Light weight LED fixture for easy installation & cost saving on mast/pole

PRODUCT DIMENSION



PHOTOMETRIC DATA



OPTIONAL ANTI-GLARE SHIELD

With anti glare shield it can prevent unwanted light which causing discomfort,distrctation, or a reduction in visibility.



Light Shield



Anti glare shield

TECHNICAL DATA

Model	EY366-1000W-11°	EY366-1000W 13°	EY366-1000W-17°	EY366-1000W-24°
Power Consumption (W)	1000			
Luminaire Flux ± 5%(lm)	156049	159543	164719	165216
System Efficiency ± 5%(lm/W)	153.2	156.4	161.3	162.2
CCT(K)	5700			
Power Factor (PF)	≥ 0.96			
Net Weight /pc (kg)	19.50			
Gross Weight (kg)	23.00			
Product Dimension LxWxH(mm)	618 x 485 x 445			
Individual Carton Dimension LxWxH(mm)	750 x 680 x 215			

Model	EY366-1200W-11°	EY366-1200W 13°	EY366-1200W-17°	EY366-1200W-24°
Power Consumption (W)	1200			
Luminaire Flux ± 5%(lm)	180210	187440	195947	191233
System Efficiency ± 5%(lm/W)	147.4	153.2	157.2	156.3
CCT(K)	5700			
Power Factor (PF)	≥ 0.96			
Net Weight /pc (kg)	19.50			
Gross Weight (kg)	23.00			
Product Dimension LxWxH(mm)	618 x 485 x 445			
Individual Carton Dimension LxWxH(mm)	750 x 680 x 215			

Model	EY366-1300W-11°	EY366-1300W -13°
Power Consumption (W)	1300	
Luminaire Flux ± 5%(lm)	195220	202017
System Efficiency ± 5%(lm/W)	145.6	150.4
CCT(K)	5700	
Power Factor (PF)	≥ 0.96	
Net Weight /pc (kg)	19.50	
Gross Weight (kg)	23.00	
Product Dimension LxWxH(mm)	618 x 485 x 445	
Individual Carton Dimension LxWxH(mm)	750 x 680 x 215	

Model	EY366-1400W-17°	EY366-1400W -24°
Power Consumption (W)	1400	
Luminaire Flux ± 5%(lm)	217724	218554
System Efficiency ± 5%(lm/W)	150.3	150.8
CCT(K)	5700	
Power Factor (PF)	≥ 0.96	
Net Weight /pc (kg)	19.50	
Gross Weight (kg)	23.00	
Product Dimension LxWxH(mm)	618 x 485 x 445	
Individual Carton Dimension LxWxH(mm)	750 x 680 x 215	

Note: The above specified lumen and system efficiency based on standard CCT: 5700K & without shield.

TECHNICAL DATA

ELECTRICAL SYSTEM

Input Voltage	Frequency	Insulation Class	LED Driver
220 - 240Vac	50/60Hz	Class I	Constant Current

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	3030(11°) /3535(13°,17°,24°)	≥70	(L80), >50,000 hours @ Ta: -30° C to +50°C	Symmetry

FIXTURE/ HOUSING

- Housing Material : Cold Forging Pure Aluminium AL1070
- Housing Finish : 1000h Salt fog Grade, Power Coating- RAL9006
- Driver Box: Remote & Bracket Attach*

OPTIONAL ACCESSORIES

- DALI/ 1-10V Dimming Control (available upon request)
- Smart Lighting Controller
- Anti Glare Shield
- Light Shield (Light cut off)



*Bracket attached driver box

CERTIFICATION & COMPLIANCE TEST

IEC 60598-1/IEC 60598-2-1, IEC 60598-2-5/IEC/TR 62778, IEC 62031, IEC 62493, IEC 61000-3-2, IEC 61000-3-3, IEC 550115, IEC 61547,EN 62493, IESNA LM-80,TM21, IEC 60598 (IP66), IEC 62262 (IK10), IEC 60068-2-6 (5G vibration test), IEC 60068-2-11, IEC 62321, IEC 62471(EXEMPT)

FLOODLIGHT

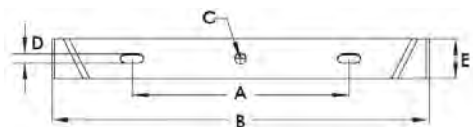
EYELITE

EY368

APPLICATION

High Mast Lighting, Road & Highway, Facade Lighting, Carpark, Parks, Riverside, Jogging Tracks.

BRACKET MOUNTING INFO

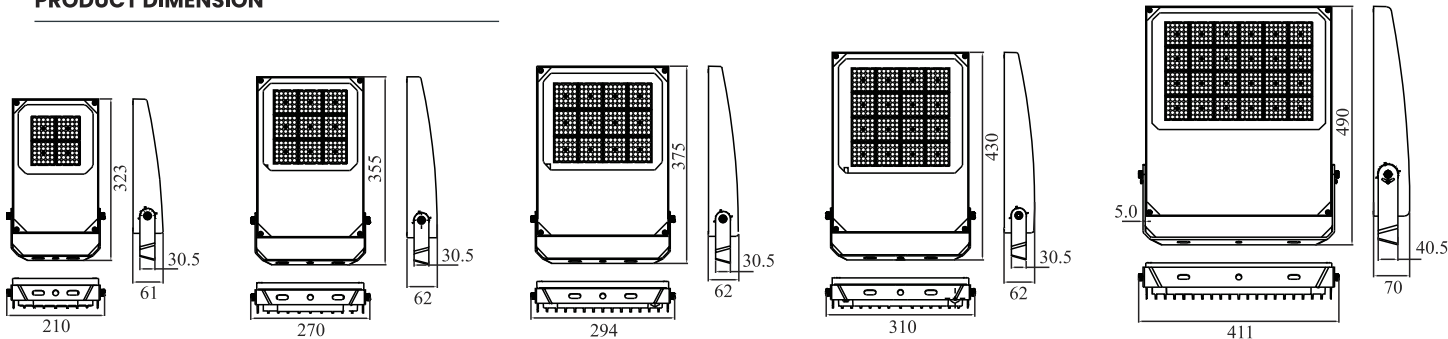


	A	B	C	D	E
Model					
30W	90	196.5	Ø12.5	10.5	30
100W	130	256.6	Ø12.5	10.5	30
150W	170	281.8	Ø12.5	10.5	30
200W	170	298.8	Ø12.5	10.5	30
240W	250	395.2	Ø12.5	10.5	40
300W	250	395.2	Ø12.5	10.5	40

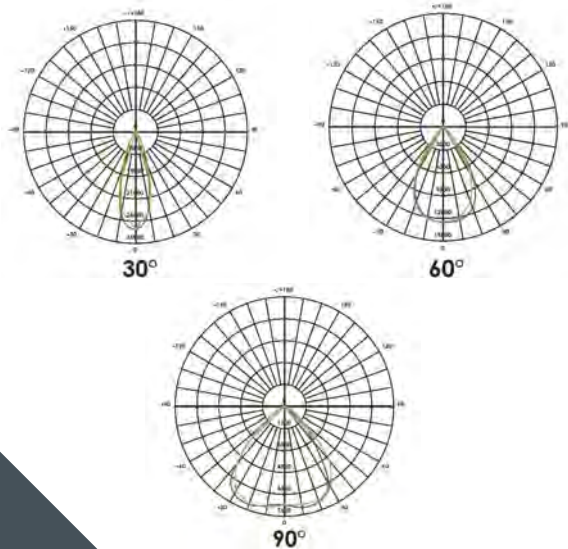


EY368-50W-300W

PRODUCT DIMENSION



PHOTOMETRIC DATA

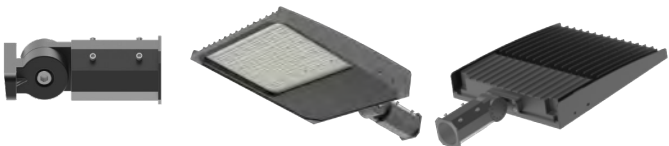


FEATURES

- Available in 30°, 60° & 90° beam angles
- IK10 Impact Resistance
- IP66 rated sealed fixture protect against water & dust in harsh outdoor environment.
- IK09 Impact Resistance
- Light weight LED fixture for easy installation & cost saving on mast/pole

OPTIONAL ANTI-GLARE SHIELD

*Optional Mounting Accessories



TECHNICAL DATA

Model No.	EY368-50W	EY368-100W	EY368-150W	EY368-200W	EY368-240W	EY368-300W
Power Consumption (W)	50	100	150	200	240	300
Luminaire Flux ± 5%(lm)	7,750	15,500	23,250	31,000	38,400	46,500
System Efficiency ± 5%(lm/W)	155				160	155
Power Factor (PF)	≥ 0.95					
Surge Protection Devices(kV)	6kV					
Net Weight /pc (kg)	2.26	3.15	3.65	4.35	7.05	7.50
Gross Weight (kg)	2.81	3.80	4.45	5.30	8.10	8.70
Product Dimension L x W x H (mm)	323 x 210 x 61	355 x 270 x 62	375 x 294 x 62	430 x 310 x 62	490 x 411 x 70	490 x 411 x 70
Carton Dimension L x W x H (mm)	380 x 250 x 90	410 x 310 x 100	450 x 335 x 100	485 x 335 x 100	565 x 455 x 115	565 x 455 x 115

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

Input Voltage	Frequency	Insulation Class	LED Driver
220 - 240Vac	50/60Hz	Class I	Constant Current

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	3030(11°) /3535(13°,17°,24°)	≥70	(L80), >50,000 hours @ Ta: -30° C to +50°C	Symmetry

FIXTURE/ HOUSING

- Housing Material : ADC 12 Die Cast Aluminium
- Housing Finish : Powder Coating - Grey

OPTIONAL ACCESSORIES

- Microwave Motion Sensor
- DALI/I-10V Dimming Control
- IoT Smart Lighting Control (ZHAGA)
- ZHAGA Ready

CERTIFICATION & COMPLIANCE TEST

IEC 60598-1, IEC 60598-2-5, IEC 62471, EN 62493, EN 61000-3-2, EN 61000-3-3, EN 55015, EN 61547, IESNA LM-80, TM-21, IEC 60598 (IP66), IEC 62262 (IK09)

HIGHBAY

EY933



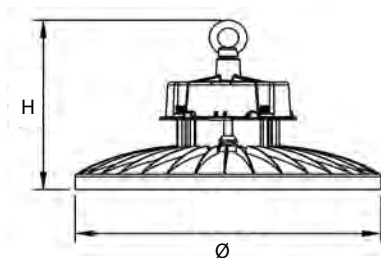
EY933: 50W - 240W

SPECIFICATION

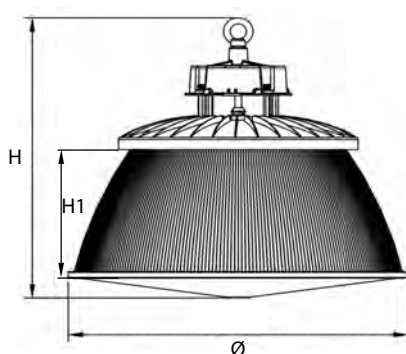
- High Efficiency LED Highbay up to 190lm/w
- Input Voltage: 100-240VAC 50/60Hz
- CCT: 4000K / 5000K / 6000K
- CRI: >70Ra / 80Ra
- LED Brand: BMTC / 2835
- Driver Brand: Sosen
- Function Selection: 0-10V/2.0A Dimming
- + 12V Auxiliary Source, time control programming
- Power Factor: >97%

PRODUCT DIMENSION

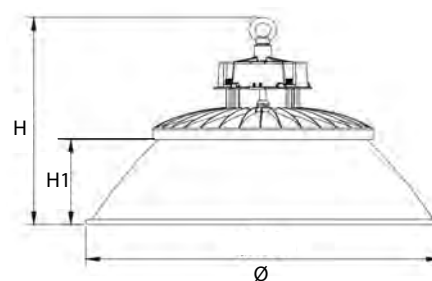
High Bay w/o PC Reflector



High Bay with PC Reflector



ALUMINUM REFLECTOR



APPLICATION

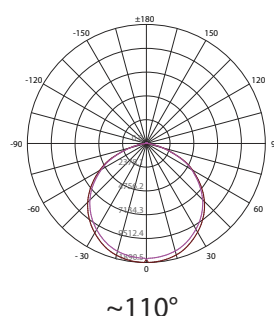
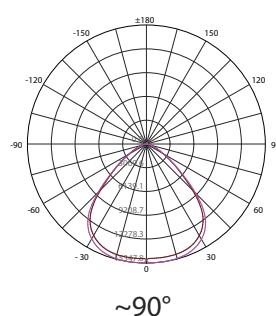
Warehouse, Factory, Halls & Retails, Hanger, Sport Centre & Tunnels.

FEATURES

- High Efficiency LED Highbay up to 180lm/w
- IP65 protection against moisture & dust
- Easy & Quick Installation / Maintenance
- Aluminium die-cast body with effective heat dissipation design

Model	Ø (mm)	H(mm)	Aluminum Reflector	PC Reflector
			H1(mm)	H1(mm)
EY933-50W	290	173	100	196
EY933-60W				
EY933-80W				
EY933-100W				
EY933-120W				
EY933-150W	340	178	120	253
EY933-200W				
EY933-240W				

PHOTOMETRIC DATA



TECHNICAL DATA

Model No		EY933-50W	EY933-60W	EY933-80W	EY933-100W	EY933-120W	EY933-150W	EY933-200W	EY933-240W
Power Consumption(W)		50	60	80	100	120	150	200	240
Luminaire Flux ± 5%(lm)	4000K	9546	11138	14601	18510	21198	24706	34318	38205
	5000K	9659	11314	15965	19266	22293	27016	36166	42140
	6000K	9546	11138	14601	18510	21198	24801	34318	38205
System Efficiency ± 5% (lm/W)	4000K	188	185	183	180	174	163	172	155
	5000K	195	193	191	194	190	185	186	180
	6000K	188	185	182	180	174	163	172	155
Power Factor (PF)		≥0.95							
LED Quantity		260			416			572	
Net Weight (kg)		1.83						2.3	
Gross Weight (kg)		2.2						2.7	
Carton Size (mm)		305 x 305 x 173						355 x 355 x 178	
Aluminum Reflector	Gross Weight (kg)	7.6kg/5pcs							
	Carton Size (mm)	420X420X272/5pcs							
PC Reflector	Gross Weight (kg)	9.4kg/5pcs							
	Carton Size (mm)	490X490X295/5pcs							
Reflector PCS/CTN		5							

Note: The above specified lumen and system efficiency based on standard 110° beam angle

ELECTRICALSYSTEM

Input Voltage	Frequency	Insulation Class	LED Driver
100 - 240Vac	50/60Hz	Class I	Constant Current- Flicker Free Standard

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	2835	≥70	(L70), >50,000 hours @ Ta: 50°C	110° standard (Optional 90°)

FIXTURE/ HOUSING

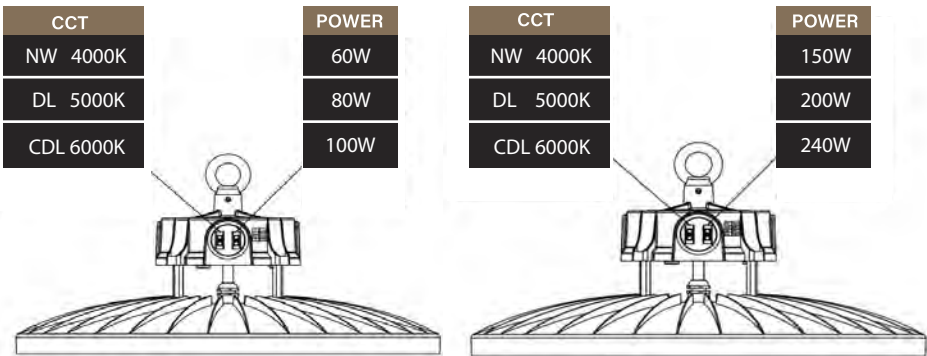
- Housing Material: ADC 12 High Pressure Die-Cast Aluminum
- Housing Finish: Akzo Nobel Powder Coating - Black

OPTIONAL ACCESSORIES

- Motion Sensor
- DALI/ 1-10V Dimming Control
- Smart Control System
- Daylight Sensor/other sensor

DIP SWITCH FUNCTION

- DIP Switch to adjust color temperature +
- DIP Switch to adjust output power



HIGHBAY

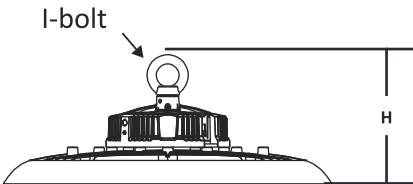
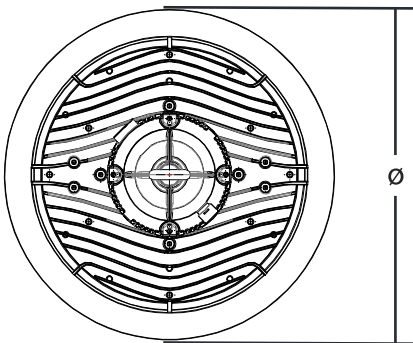
EYELITE

EY968



EY968: 60W – 300W

PRODUCT DIMENSION



OPTIONAL



ACRYLIC REFLECTOR

APPLICATION

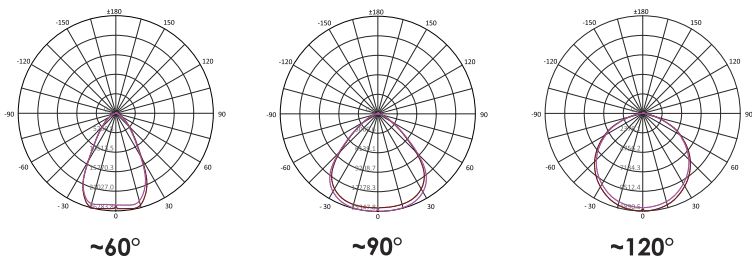
Warehouse, Factory, Halls & Retails, Hanger, Sport Centre & Tunnels.

FEATURES

- High Efficiency LED Highbay up to 170lm/w
- IP65 protection against moisture & dust
- Easy & Quick Installation/Maintenance
- Aluminium die-cast body with effective heat dissipation design

Model	Ø (mm)	H(mm)
EY968-60W	249	146
EY968-80W	249	146
EY968-100W	249	146
EY968-120W	249	146
EY968-150W	299	149
EY968-200W	350	151
EY968-240W	389	151
EY968-300W	389	151

PHOTOMETRIC DATA



TECHNICAL DATA

Model No	EY968-60W	EY968-80W	EY968-100W	EY968-120W	EY968-150W	EY968-200W	EY968-240W	EY968-300W
Power Consumption (W)	60	80	100	120	150	200	240	300
Luminaire Flux $\pm$ 5%(Im)	10,800	14,000	17,000	20,400	25,500	34,00	40,800	51,000
System Efficiency $\pm$ 5% (lm/W)	180	175	170					
Power Factor (PF)	≥ 0.95							
Net Weight /pc (kg)	1.45				185	2.35	3.05	3.40
Gross Weight (kg)	2.10				2.80	3.50	4.45	4.65
Carton Dimension $\varnothing$ x H (mm)	350 x 170				400 x 190			

Note: The above specified lumen and system efficiency based on standard CCT: 6000K, Ra > 70.

ELECTRICAL SYSTEM

Input Voltage	Frequency	Insulation Class	LED Driver
100 – 240Vac	50/60Hz	Class II	Constant Current- Flicker Free Standard

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	2835	≥ 70	(L70), >50,000 hours @ Ta: 50°C	120° standard (Optional 90° & 60°)

FIXTURE/ HOUSING

- Housing Material: ADC 12 High Pressure Die-Cast Aluminium
- Housing Finish: Akzo Nobel Powder Coating – Black

OPTIONAL ACCESSORIES

- Motion Sensor
- DALI/ 1-10V Dimming Control
- Smart Control System
- U-Bracket Mounting
- Daylight Sensor/other sensor
- Prismatic Anti Glare PC reflector

CERTIFICATION & COMPLIANCE TEST

EN 60598-1, EN 60598-2-1, EN 61000-3-2, EN 61000-3-3, EN 55015, EN 61547, IESNA LM-80, TM -21

EY628



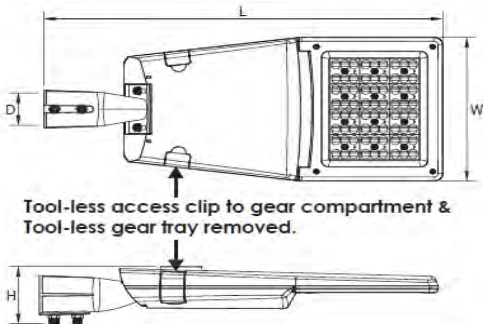
APPLICATION

Road & Highway, Urban Road & Streets, Residential Streets, Carpark, Parks, Riverside & Jogging Tracks.

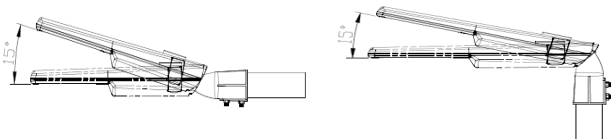
FEATURES

- High lumen output LED array, provides even lighting from high mounting height
- Tool-less access to lamp compartment for easy maintenance
- ADC12 high-pressure die cast aluminum body structure for strength & durability
- The IP66 rated sealed fixtures protects from ingress of water & dust
- Streamline & smooth surface lamp housing, prevent dust & dirt
- High efficiency with trusted & reliable LED component
- IK09
- Universal Mounting: Top or Side Entry

PRODUCT DIMENSION



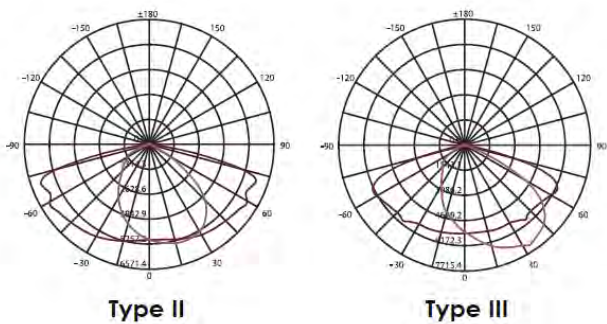
*Maximum Allowable Tilting Angle: -15° to +15° with 5° incremental or decremental tilt



Model	L(mm)	W(mm)	H(mm)	Pole Spigot Outer Dia (mm)	Spigot Length (mm)
EY628-30W	569	230	108	60	100
EY628-50W	569	230	108	60	100
EY628-60W	569	230	108	60	100
EY628-90W	679	288	111	60	100
EY628-100W	679	288	111	60	100
EY628-120W	679	288	111	60	100
EY628-135W	752	308	113	60	100
EY628-150W	752	308	113	60	100
EY628-180W	752	308	113	60	100

Note: For 48mm pole spigot outer diameter is available upon request.

PHOTOMETRIC DATA



TECHNICAL DATA

Model	EY628-30W	EY628-50W	EY628-60W	EY628-90W	EY628-100W	EY628-120W	EY628-135W	EY628-150W	EY628-180W
Power Consumption(W)	30	50	60	90	100	120	135	150	180
Luminaire Flux ± 5% (lm)	4590	7500	9060	13770	15800	19080	21330	24900	26640
System Efficiency ± 5% (lm/W)	153	150	151	153	158	159	158	166	148
Power factor (PF)	0.99	0.98	0.98	0.98	0.96	0.98	0.98	0.98	0.98
LED Quantity	18	36	36	48	72	72	96	96	96
Net Weight/pc(kg)	3.45	3.52	3.61	5.40	5.47	5.67	7.53	7.53	7.68
Gross weight/carton(kg)	4.05	4.12	4.21	6.25	6.32	6.52	8.54	8.54	8.78
Carton Dimension LxWxH(mm)	610x283x175			730x335x175			795x356x175		

Note: The above specified lumen and system efficiency based on standard CCT: 6000K

ELECTRICAL SYSTEM

Input Voltage	Frequency	Insulation Class	LED Driver
100 - 240Vac	50/60Hz	Class I	Constant Current

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	5050	≥70 ≥80, 90 avail. upon request	(L80), >50,000 hours @ Ta: 40°C	T2 Lens T3 Lens

FIXTURE/ HOUSING

- Housing Material: ADC 12 Die-Cast Aluminium
- Housing Finish: Akzo Nobel Powder Coating - Grey (RAL7005)
- Heat Tempered Glass
- Silicon Gasket

OPTIONAL ACCESSORIES

- NEMA Photocell/ Shorting Cap
- IoT Smart Control (NEMA/ZHAGA)

CERTIFICATION & COMPLIANCE TEST

EN 60598-1, EN 60598-2-3, EN 55015, EN 61547, EN 61347-1, EN 61347-2-13, IESNA LM-79, LM-80 & TM-21, IEC 62722-1, IEC 62722-2-1, IEC 60529 (IP66), IEC 62262 (IK09), IEC 62321

IP65 LIGHT (for indoor use)

EYELITE

EY253



EY253-18W



EY253-18WL
EY253-36W



EY253-50W

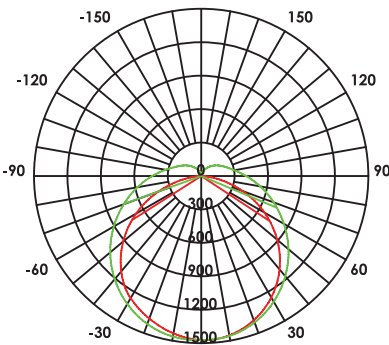
APPLICATION

Carpark, staircase, canopy, garden shed, walkway, corridors, factory, warehouse, underground tunnel

FEATURES

- Rigid extrusion of PC housing and Injection molding of PC covers
- Protection against water and dust (IP65) and impact (IK08)
- High lumen output provides energy saving
- Working Temperature: Ta : -30°C to +40°C

PHOTOMETRIC DATA



EMERGENCY POWER PACK

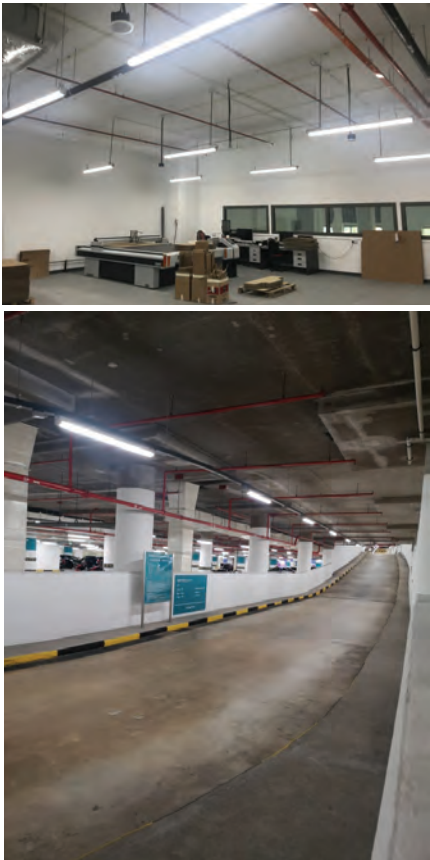
- Optional Emergency Power Pack version (Model: EY253-29W-EM)
- EY253-29W-EM (29W) last up to 3 hours without electricity

*Luminaires should be mounted in a shady or covered environment protected against direct sunlight. Due to the possible chemical reaction of polymer nature of housing, luminaire must not be installed in places where there are presence of high concentration of acid or alkaline environment.

PRODUCT DIMENSION



Model	L	W	H
EY253-18W	650mm	71mm	82mm
EY253-18WL	1250mm	71mm	82mm
EY253-36W	1250mm	71mm	82mm
EY253-50W	1550mm	71mm	82mm



TECHNICAL DATA

Model No.	EY253-15W	EY253-15WL	EY253-30W	EY253-50W
Power Consumption (W)	15	15	30	50
Luminaire Flux $\pm 5\%$ (lm)	2100	2250	4500	6000
System Efficacy $\pm 5\%$ (lm/W)	150			120
Power Factor(PF)	0.98			
Replacement of Magnetic Fluorescent	1x36W	1x36W	2x36W	2x58W
THD (%)	<10	<10	<20	<10
Colour Tolerance (SDCM)	≤ 6			
Net Weight /pc (kg)	0.71	1.08	1.10	1.32
Gross Weight (kg)	18.38	22.15	22.15	20.15
Product Dimension L x W x H (mm)	650 x 71 x 82	1250 x 71 x 82	1250 x 71 x 82	1550 x 71 x 82
Individual Carton Dimension L x W x H (mm)	660 x 75 x 85	1260 x 75 x 85	1260 x 75 x 85	1560 x 75 x 85
Master Carton Dimension L x W x H (mm)	680 x 330 x 460 /20pcs	1280 x 330 x 370 /16pcs	1280 x 330 x 370 /16pcs	1575 x 250 x 370 /12pcs
CBM (m ³)	0.103	0.156	0.156	0.146

Note: The above specified lumen and system subject based on standard CCT: 6500K

Input Voltage	Protection Class	Input Current	LED Driver
200-240Vac, 50/60Hz, PF > 0.9	Class I	230Vac	Constant Current

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	2835	Ra > 80	(L70), >50,000 hours @ Ta:40°C	~120° Opal PC Ex- trusion Diffuser

FIXTURE/ HOUSING

- Housing Material: PC Extrusion & PC Side Covers
- UL-94 Fire Retardant Grade

OPTIONAL ACCESSORIES

- Series Connection Double End Plu-in Version (EY253-36W-SC)
- DALI/1-10V Dimming Control

CERTIFICATION & COMPLIANCE TEST

IEC 60598-1, IEC 60598-2-1, IEC 62471, IEC 62778, IEC 61347-1, IEC 61347-2-13, IEC 61547, IEC 62384,
IEC 61000-3-2, IEC 61000-3-3

EY253
Microwave sensor



EY253-15WXXKMS

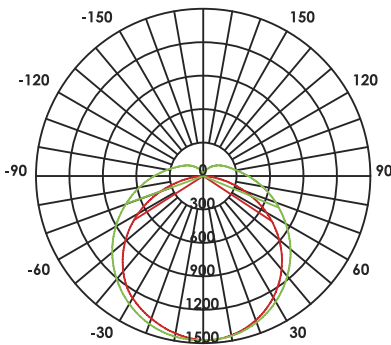


EY253-15WLXXKMS
EY253-30WLXXKMS

APPLICATION

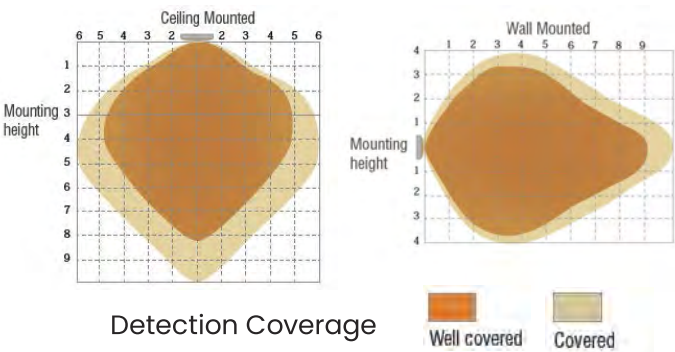
Carpark, staircase, canopy, garden shed, walkway, corridors, factory, warehouse, underground tunnel

PHOTOMETRIC DATA



FEATURES

- Rigid extrusion of PC housing and Injection molding of PC covers
- Protection against water and dust (IP65) and impact (IK08)
- High lumen output provides energy saving
- Save energy by demand activities
- Standby mode for 36W model consumes only for average 7W
- Sensitive and wide detection area



PRODUCT DIMENSION

Model	L	W	H
EY253-15WXXKMS	650mm	71mm	82mm
EY253-15WLXXKMS	1250mm	71mm	82mm
EY253-30WXXKMS	1250mm	71mm	82mm

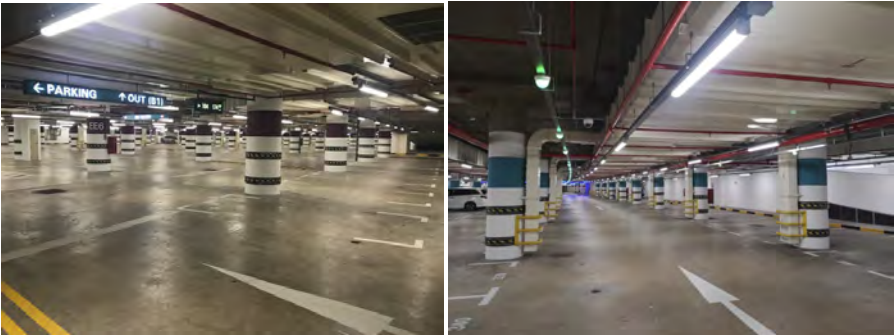
Standby dimming level at 10% consume only 7w
Holding time is 1 mins



Stand-by
dimming level

Hold time

Power consumption at 10% dimming ,
EY253-18W: 4w, EY253-36W: 7w



TECHNICAL DATA



Model No.	EY253-15WXXKMS	EY253-15WLXXKMS	EY253-30WXXKMS
Power Consumption (W)	15	15	36
Luminaire Flux $\pm 5\%$ (lm)	2100	2250	4500
System Efficiency $\pm 5\%$ (lm/W)	150		
Power Factor (PF)	0.9		
Microwave Frequency	5.8GHz $\pm$ 75MHz		
Protection Circuit	Short circuit auto recovery, over voltage, over current, over temperature		
Detection Angle	30° - 150°		
Mounting Distance	Max 6m (ceiling mounted), Max 3m (wall mounted)		
Detection Range	Max 14m (ceiling mounted), Max 10m (wall mounted)		
Net Weight /pc (kg)	0.71	1.08	1.10
Gross Weight (kg)	18.38	22.15	22.15
Product Dimension L x W x H (mm)	650 x 71 x 82	1250 x 71 x 82	1250 x 71 x 82
Individual Carton Dimension L x W x H (mm)	660 x 75 x 85	1260 x 75 x 85	1260 x 75 x 85
Master Carton Dimension L x W x H (mm)	680 x 330 x 460 /20pcs	1280 x 330 x370 /16pcs	1280 x 330 x370 /16pcs
CBM (m ³)	0.103	0.156	0.156

Note: The above specified lumen and system subject based on standard CCT: 6500K

Note: Model number EY253-18WXXXMS XXX denotes CCT, 30K;3000K 40K:4000K 65K: 6500K

Input Voltage	Protection Class	Input Current	LED Driver
200-240Vac, 50/60Hz, PF > 0.9	Class I	230Vac	C/W microwave sensor module

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	2835	Ra > 80	(L70), >50,000 hours @ Ta:40°C	~120° Opal PC Ex- trusion Diffuser

FIXTURE/ HOUSING

- Housing Material: PC Extrusion & PC Side Covers
- UL-94 Fire Retardant Grade

OPTIONAL ACCESSORIES

- Series Connection Double End Plu-in Version (EY253-36W-SC)
- DALI/1-10V Dimming Control

CERTIFICATION & COMPLIANCE TEST

IEC 60598-1, IEC 60598-2-1, EN 61347-1, EN 61347-2-13, EN 62471, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547

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