

PHILIPS

Industry Lighting

EnduraLED

High **efficiency.**
Great **performance.**





EnduraLED

Innovative LED well glass luminaire for direct replacement of 70W HPSV/125 HPMV conventional fixtures. EnduraLED has the potential to save > 60 %* energy without compromising on lighting parameters.

Efficiency, durability and performance

High savings

Vandal protected front diffuser

Protected against dust for high performance

> 60%

IK 08

IP66

The luminaire offers high energy savings against conventional luminaires with compromising on lighting quality

The high impact resistance classification helps minimise commonly observed glass breakage issues either due to transit or at site.

Ideal for use in dusty environments and offering stable and consistent performance over product lifetime.



Applications

Power plant

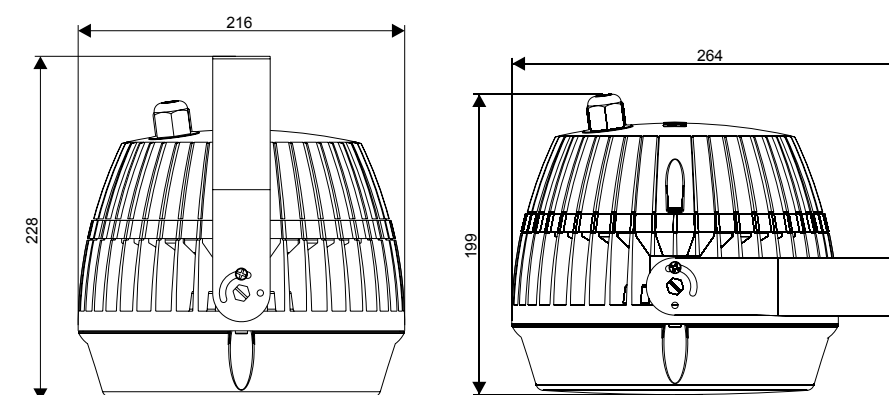
Steel and cement plant

Material handling system

Features and benefits

- **LED based well glass solution**
Long lasting lighting solution with energy saving > 60%* and high efficacy of 90lm/W
- **Pressure die cast aluminum housing**
Rugged yet light weight makes it is easy to handle in tight industrial spaces
- **Supplied with adjustable mounting bracket and loop in loop out provision (optional)**
Ensures additional savings of > 10 % on installation cost by avoiding junction boxes and wiring costs.
Can be installed and tilted as per site conditions to direct the light where it is needed
- **UV stabilized acrylic diffuser**
IK 08 level of impact resistance ensures longer durability

Dimension drawings



Specifications

Type	BY200P LED 27S CW PSU S2 PC	BY200P LED 35S CW PSU S2 PC
System wattage (W)	29	39
Lumen output (lm)	2700	3500
System efficacy (%)	93	90
Color temperature (K)	6500	6500
CRI	80	80
THD	≤ 10%	≤ 10%
PF	>0.95	>.95
IP	IP 66	IP 66
IK	IK 08	IK 08
Housing	High pressure die cast aluminum	High pressure die cast aluminum
Mounting	Dedicated mounting bracket (CRCA)	Dedicated mounting bracket (CRCA)
Surge protection	3KV	3KV
Operating voltage range	160 V AC–280 V AC	160 V AC–280 V AC
Safety cut-off	50% dimming below 160V and above 280V ac. Open circuit protection and short circuit protection	50% dimming below 160V and above 280V ac. Open circuit protection and short circuit protection

Technical data

Type	For lamp	Nominal Voltage (V)	Mains current (A)	Nominal Power factor
BY200P LED 27S CW PSU S2 PC	LED	240	0.175	>0.95
BY200P LED 35S CW PSU S2 PC	LED	240	0.175	>0.95

Ordering data

Type	Ordering No	Qty/box	Dimension (mm)	Net weight (kg)	Gross Weight (kg)
BY200P LED 27S CW PSU S2 PC	919515810662	1	216 x 228	2.8	3.5
BY200P LED 35S CW PSU S2 PC	919515810664	1	216 x 228	2.8	3.5

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