



Efficiency at its Finest, Maximize Savings

GreenPerform EliteX

In today's world, lighting a bright path forward means considering the environment too. Reducing a company's carbon footprint isn't just a feel-good initiative, it's a smart business move. Sustainable lighting solutions not only conserve energy and lower operating costs, but also showcase your commitment to a greener future. Let's illuminate how our innovative high-bay luminaires can help you achieve both brilliance and environmental responsibility. The GreenPerform EliteX is the Best-in-Class Highbay solution designed to deliver the excellent energy efficiency and superior optics suited to provide an unmatched highbay solution for a wide range of applications like warehousing, manufacturing, other industrial applications, atriums, airport concourse, sports halls, etc. Offering excellent beam and Glare control, this highbay offers an unmatched lighting experience. Driven by performance delivered through Superior Optics, higher Efficiency and long useful life optimizing overall cost of the project.

Benefits

- Best in class efficacy of 180 lum/w and Quality lighting leads to lowering total cost of opportunity.
- High quality material and design leads to longer life class for luminaire
- Suitable for use in harsh Industrial environment
- Option of multiple optics and lumen packages providing application flexibility.

Features

- Ingress Protection -IP65
- Impact Resistance IK08
- Inbuilt encapsulated Potted Driver
- Designed for operations under diverse environment from -10°C to 45°C
- Life class is 100,000 hours (L70B50 @ Ta45°C)
- Unique round shape design for excellent thermal stability
- Pressure die-cast housing offers excellent corrosion-resistance and robustness.
- System efficiency 180 lm/W
- Three Beam Angles Extra Narrow beam (ENB30°) Narrow beam (NB60°), and Wide Beam (WB90°)
- Internal Surge Protection 6KV
- Current Ripple <10%
- THD<10%

Application

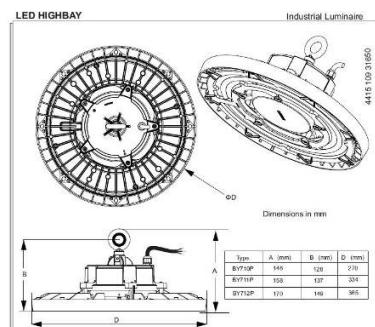
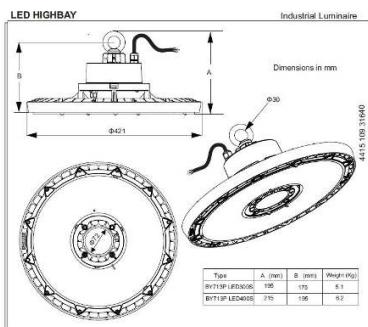
- Manufacturing
- Warehouses
- Airports
- Small manufacturing facilities

Versions



BY711

Dimensional drawing



General Information	
Driver included	Yes
Light Technical	
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	≥70
Luminous Efficacy (rated) (Nom)	180 lm/W
Optic type	-
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	140–270 V
Mechanical and Housing	
Optical cover type	Micro-lens optic in polycarbonate cover
Housing Color	Aluminum and gray
Mech. impact protection code	IK08
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	0 to +45 °C
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Order Code	Full Product Name	Beam angle of light source	Luminous Flux
919515816953	BY713P LED300S 5700 ENB H PSU	30 degree(s)	30,000 lm
919515816954	BY713P LED400S 5700 ENB H PSU	30 degree(s)	30,000 lm
919515815630	BY710P LED100S 5700 WB H PSU	90 degree(s)	10,000 lm
919515816960	BY710P LED100S 5700 NB H PSU	60 degree(s)	10,000 lm
919515815633	BY711P LED150S 5700 WB H PSU	90 degree(s)	15,000 lm
919515816966	BY711P LED150S 5700 NB H PSU	60 degree(s)	15,000 lm
919515816444	BY712P LED200S 5700 WB H PSU	90 degree(s)	20,000 lm
919515816955	BY712P LED250S 5700 WB H PSU	90 degree(s)	25,000 lm
919515816962	BY712P LED200S 5700 NB H PSU	60 degree(s)	20,000 lm
919515816965	BY712P LED250S 5700 NB H PSU	60 degree(s)	25,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515816953	BY713P LED300S 5700 ENB H PSU	175 W
919515816954	BY713P LED400S 5700 ENB H PSU	230 W
919515815630	BY710P LED100S 5700 WB H PSU	60 W
919515816960	BY710P LED100S 5700 NB H PSU	60 W
919515815633	BY711P LED150S 5700 WB H PSU	85 W

Order Code	Full Product Name	Power Consumption
919515816966	BY711P LED150S 5700 NB H PSU	85 W
919515816444	BY712P LED200S 5700 WB H PSU	115 W
919515816955	BY712P LED250S 5700 WB H PSU	140 W
919515816962	BY712P LED200S 5700 NB H PSU	115 W
919515816965	BY712P LED250S 5700 NB H PSU	140 W

