

GreenPerform HighBay Gen3 Intelligent



Industry (Statement & Performance) B28

Application:

New generation flagship LED High-bay to replace and compete with conventional/competitors solutions in a wide variety of industrial applications with humid and dusty protection, for both retrofit and new installation market

Benefits:

- Energy saving – up to 65% comparing with HPI-P system; Additional max. to 30% saving on intelligent version (depends on usage behaviour)
- Light on needs
- Comfort light experience, low glare
- Easy installation & retrofitting
- Proven performance & quality

Features:

- System efficacy 130lm/W; 11000/16000/20000/29000lm
- Integrated occupancy and daylight light sensors
- Integrated ZigBee control
- CRI>80, UGR 20 (NB) ~ UGR26 (WB)
- End to end Philips quality; IP65; Lifetime 50Khrs (could be longer, depends on usage behavior); CB/EMC/CE/ASNZ
- Suitable for hook, pipe mounting

Product Specification

Spec.		BY698X			
Product Family		LED110	LED160	LED200	LED300
Optics	Lumen output ($\pm 10\%$)	10000lm	16000lm	20000lm	29000lm
	Light source	LED (NF2L757G)			
	CCT	4000K/6500K			
	CRI	>80			
	Beam Angle	NB;WB**			
	UGR	NB: 20~21; WB: 25~26			
	SDCM	5			
Electrical	Input Voltage	220-240V;50/60Hz			
	Wattage	85W	120W	155W	225W
	Power Factor	0.95			
	Surge Protection	2KV/4KV			
	THD	<15% (LED110/LED160/LED200) <20% (LED300)			
	Driver	Dali			
	Control	LLC1685/14 ActiLume Wireless DALI gen2			
	Sensor	LRI1668 ActiLume G2 Indus Sensor H513 N			
System Efficiency		118lm/W	133lm/W	129lm/W	129lm/W
Life time		50000hrs @L70B50			
Operating temperature		-30°C to 45°C, Ta 35°C			
IP/IK		IP65/IK07;			
Installation		Pipe/Hook			
Class		Class I			
Certificate		CB/EMC/NS/NZS/CE			

** LED300 WB version will be ready in Q1/2017

Product list

12ncs	Designation	Lumen	CCT	Power	Driver	Cable	Supplier code
TBC	BY698X LED110/CW NB ACW 4 L3000 EN	11000	6500K	85W	Dali	3m	266001
TBC	BY698X LED110/NW NB ACW 4 L3000 EN	11000	4000K	85W	Dali	3m	266001
TBC	BY698X LED110/CW WB ACW 4 L3000 EN	11000	6500K	85W	Dali	3m	266001
TBC	BY698X LED110/NW WB ACW 4 L3000 EN	11000	4000K	85W	Dali	3m	266001
TBC	BY698X LED160/CW NB ACW 4 L3000 EN	16000	6500K	120W	Dali	3m	266001
TBC	BY698X LED160/NW NB ACW 4 L3000 EN	16000	4000K	120W	Dali	3m	266001
TBC	BY698X LED160/CW WB ACW 4 L3000 EN	16000	6500K	120W	Dali	3m	266001
TBC	BY698X LED160/NW WB ACW 4 L3000 EN	16000	4000K	120W	Dali	3m	266001
TBC	BY698X LED200/CW NB ACW 4 L3000 EN	20000	6500K	155W	Dali	3m	266001
TBC	BY698X LED200/NW NB ACW 4 L3000 EN	20000	4000K	155W	Dali	3m	266001
TBC	BY698X LED200/CW WB ACW 4 L3000 EN	20000	6500K	155W	Dali	3m	266001
TBC	BY698X LED200/NW WB ACW 4 L3000 EN	20000	4000K	155W	Dali	3m	266001
TBC	BY698X LED300/CW NB ACW 4 L3000 EN	29000	6500K	225W	Dali	3m	266001
TBC	BY698X LED300/NW NB ACW 4 L3000 EN	29000	4000K	225W	Dali	3m	266001
TBC	BY698X LED300/CW WB ACW 4 L3000 EN	29000	6500K	225W	Dali	3m	266001
TBC	BY698X LED300/NW WB ACW 4 L3000 EN	29000	4000K	225W	Dali	3m	266001
TBC	BY698X LED110/NW NB ACW 4 EN	11000	4000K	85W	Dali	0.3m	266001
TBC	BY698X LED110/NW WB ACW 4 EN	11000	4000K	85W	Dali	0.3m	266001
TBC	BY698X LED160/NW NB ACW 4 EN	16000	4000K	120W	Dali	0.3m	266001
TBC	BY698X LED160/NW WB ACW 4 EN	16000	4000K	120W	Dali	0.3m	266001
TBC	BY698X LED200/NW NB ACW 4 EN	20000	4000K	155W	Dali	0.3m	266001
TBC	BY698X LED200/NW WB ACW 4 EN	20000	4000K	155W	Dali	0.3m	266001
TBC	BY698X LED300/NW NB ACW 4 EN	29000	4000K	225W	Dali	0.3m	266001
TBC	BY698X LED300/NW WB ACW 4 EN	29000	4000K	225W	Dali	0.3m	266001

Mock up sample image



Phase in & Phase out Plan

GP HB G2

Phase out last buy notice Q2 2017, end of Apr.

12ncs phase out in system Q3 2017, end of September.