



Baylor

RECESSED DOWNLIGHTS & SPOTLIGHTS | TEC SERIES

Baylor is a HID replacement lamp, designed for indoor spaces such as indoor warehouses or sports halls. Its industrial yet modern design makes it suitable also for more general lighting projects such as special meeting rooms, lobbies or large, high-ceiling spaces. Little maintenance is needed and the energy consumption is very low. Additional glass cover for reducing dust accumulation. Wide beam optic for uniform illumination, free from dark spots. Housing comes in anodised grey for a better blend with the environment.

Baylor luminaire comes in several series, with various add-on and controls:

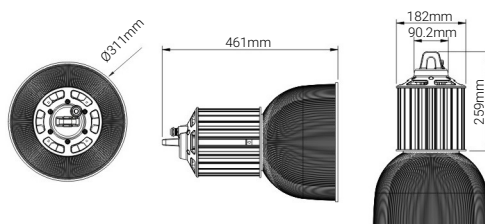
- Baylor TEC – the standard for any project in the industrial sector
- Baylor ECO-DALI – with DALI controls for dimming

APPLICATION

Industrial & Logistic | Sports Halls

FEATURES & BENEFITS

- CRI ≥ 80 as standard
- 4 color temperatures: 2700K, 3000K, 3500K, 4000K
- Long rated life: L90/B10 @50.000h
- High efficiency: 113 lm/w@4000K



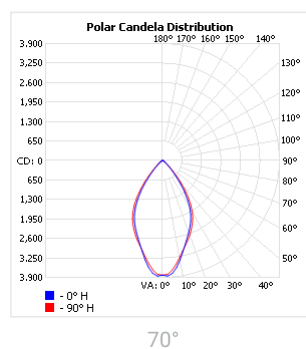
SPECIFICATIONS

Power consumption	27W, 35W, 42W, 47W
Dimensions	Ø311xH461mm±1mm
Weight	2.7 - 2.8 kg
Housing materials	Aluminium, Polycarbonate
IK code	IK08
THD (at 230V, 50Hz, Full load)	<20%
Protection class	Safety class 1
Operating temperature [°C]	-20°C...+45°C /-4°F...+113°F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.95
AC Input [Vac]	220 - 240
Lens angle [°]	70°
Lifespan [h]	50,000
Housing color	● Anodised grey
Lumen maintenance	L90/B10@50,000h at 25°C
IP factor	IP20
Control optional	For product information please see Baylor ECO-DALI datasheet
Warranty [years]	5
Storage temperature range [°C]	-20°C... +55°C / -4°F ... +131°F
Emergency option	-

Light application	Standard
CRI	CRI 80
CCT [K]	2700K/3000K/3500K/4000K
MacAdam	3

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
102000 Baylor GK60E/2700/27W/80/A70	Ø311mmx461mm±1mm	2700K	2870	27W	107	70°
102001 Baylor GK60E/3000/27W/80/A70	Ø311mmx461mm±1mm	3000K	2895	27W	108	70°
102002 Baylor GK60E/3500/27W/80/A70	Ø311mmx461mm±1mm	3500K	2975	27W	111	70°
102003 Baylor GK60E/4000/27W/80/A70	Ø311mmx461mm±1mm	4000K	3035	27W	113	70°
102005 Baylor GK60E/2700/35W/80/A70	Ø311mmx461mm±1mm	2700K	3460	35W	99	70°
102006 Baylor GK60E/3000/35W/80/A70	Ø311mmx461mm±1mm	3000K	3495	35W	100	70°
102007 Baylor GK60E/3500/35W/80/A70	Ø311mmx461mm±1mm	3500K	3590	35W	103	70°
102008 Baylor GK60E/4000/35W/80/A70	Ø311mmx461mm±1mm	4000K	3660	35W	105	70°
102010 Baylor GK60E/2700/42W/80/A70	Ø311mmx461mm±1mm	2700K	3970	42W	95	70°
102011 Baylor GK60E/3000/42W/80/A70	Ø311mmx461mm±1mm	3000K	4010	42W	96	70°
102012 Baylor GK60E/3500/42W/80/A70	Ø311mmx461mm±1mm	3500K	4120	42W	99	70°
102013 Baylor GK60E/4000/42W/80/A70	Ø311mmx461mm±1mm	4000K	4200	42W	100	70°
102015 Baylor GK60E/2700/47W/80/A70	Ø311mmx461mm±1mm	2700K	4380	47W	94	70°
102016 Baylor GK60E/3000/47W/80/A70	Ø311mmx461mm±1mm	3000K	4420	47W	95	70°
102017 Baylor GK60E/3500/47W/80/A70	Ø311mmx461mm±1mm	3500K	4540	47W	97	70°
102018 Baylor GK60E/4000/47W/80/A70	Ø311mmx461mm±1mm	4000K	4630	47W	99	70°