

CERES

Product Features

- Diecast aluminium housing for increased thermal performance, Polycarbonate lens with 60 degree light distribution
- 11,000 to 35,500 Lumens lumens from two, three or five row housing
- Supplied with stirrup bracket and hook for surface or suspension mounting



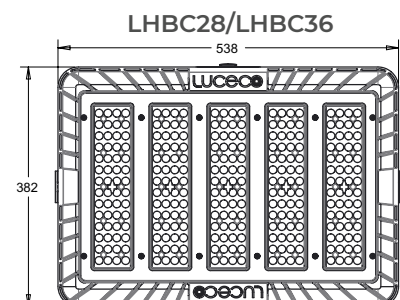
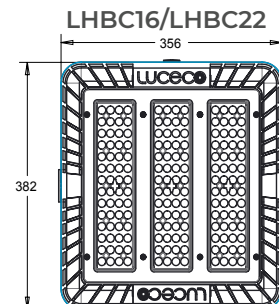
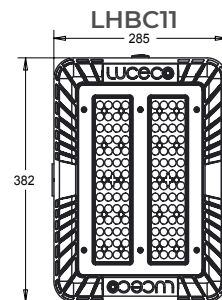
Available with 60, 90, 120° and Racking lense optics
Please specify 60, 90, 120 or R in place of xx to complete part code

CAT NO.	DRIVER	LUMINAIRE LUMENS	WATTAGE	EFFICACY Llm/cW
LHBC11Sxx	Standard	11000	75W	147
LHBC11Exx	Emergency	11000	75W	147
LHBC11Dxx	Dimmable	11000	75W	147
LHBC11EDxx	Dimmable + Emergency	11000	75W	147
LHBC16Sxx	Standard	16000	110W	145
LHBC16Exx	Emergency	16000	110W	145
LHBC16Dxx	Dimmable	16000	110W	145
LHBC16EDxx	Dimmable + Emergency	16000	110W	145
LHBC22Sxx	Standard	22000	160W	138
LHBC22Exx	Emergency	22000	160W	138
LHBC22Dxx	Dimmable	22000	160W	138
LHBC22EDxx	Dimmable + Emergency	22000	160W	138
LHBC28Sxx	Standard	28000	200W	140
LHBC28Exx	Emergency	28000	200W	140
LHBC28Dxx	Dimmable	28000	200W	140
LHBC28EDxx	Dimmable + Emergency	28000	200W	140
LHBC36Sxx	Standard	35500	260W	137
LHBC36Exx	Emergency	35500	260W	137
LHBC36Dxx	Dimmable	35500	260W	137
LHBC36EDxx	Dimmable + Emergency	35500	260W	137

To Specify:

Surface or suspension mounted high level luminaire. Efficacy up to 147 Llm/cW IP65 IK10. Die-cast aluminium housing, Polycarbonate lens with 60/90/120 degree and racking optical distribution options

Product Drawing



Also Available for higher operating temperature

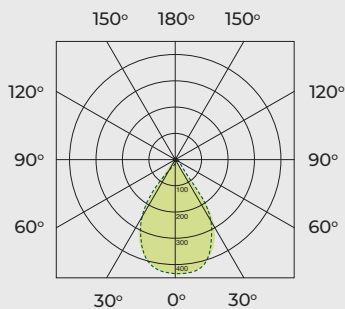
CAT NO.	DRIVER	AMBIENT TEMP (°C)	LIFETIME (HOURS)	L AT LIFE
LHBC11Sxx	Standard	-20 to 50	50,000	L90
LHBC11Dxx	Dimmable	-20 to 50	50,000	L90
LHBC16Sxx	Standard	-20 to 45	50,000	L90
LHBC16Dxx	Dimmable	-20 to 45	50,000	L90
LHBC28Sxx	Standard	-20 to 45	50,000	L90
LHBC28Dxx	Dimmable	-20 to 45	50,000	L90

CAT NO.	L FIXING CENTRES	W FIXING CENTRES	WEIGHT (kg)	CRI	FREQUENCY (Hz)	SDCM	UGR	IK RATING	TEMP RANGE (°C)	AMBIENT TEMP RATED LIFE (°C)	L/B RATED LIFE
LHBC11Sxx	60-100	Central	7.1	>80	50-60	<3	<28	IK10	-25 to +40	40	L80 / B50
LHBC11Exx	60-100	Central	7.4	>80	50-60	<3	<28	IK10	-25 to +40	25	L80 / B50
LHBC11Dxx	60-100	Central	7.2	>80	50-60	<3	<28	IK10	-25 to +40	40	L80 / B50
LHBC11EDxx	60-100	Central	7.6	>80	50-60	<3	<28	IK10	-25 to +40	25	L80 / B50
LHBC16Sxx	60-100	Central	7.1	>80	50-60	<3	<28	IK10	-25 to +40	35	L80 / B50
LHBC16Exx	60-100	Central	7.4	>80	50-60	<3	<28	IK10	-25 to +40	25	L80 / B50
LHBC16Dxx	60-100	Central	7.2	>80	50-60	<3	<28	IK10	-25 to +40	35	L80 / B50
LHBC16EDxx	60-100	Central	7.6	>80	50-60	<3	<28	IK10	-25 to +40	25	L80 / B50
LHBC22Sxx	60-100	Central	9.3	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50
LHBC22Exx	60-100	Central	9.7	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50
LHBC22Dxx	60-100	Central	9.4	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50
LHBC22EDxx	60-100	Central	9.8	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50
LHBC28Sxx	120-190	Central	12.6	>80	50-60	<3	<28	IK10	-25 to +40	35	L80 / B50
LHBC28Exx	120-190	Central	13	>80	50-60	<3	<28	IK10	-25 to +40	25	L80 / B50
LHBC28Dxx	120-190	Central	12.7	>80	50-60	<3	<28	IK10	-25 to +40	35	L80 / B50
LHBC28EDxx	120-190	Central	13.1	>80	50-60	<3	<28	IK10	-25 to +40	25	L80 / B50
LHBC36Sxx	120-190	Central	13.1	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50
LHBC36Exx	120-190	Central	13.5	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50
LHBC36Dxx	120-190	Central	13.2	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50
LHBC36EDxx	120-190	Central	13.6	>80	50-60	<3	<29	IK10	-25 to +40	25	L80 / B50

LHBC11S60 Luminaire Performance

Light Output Ratio: 100%
 Luminaire Efficacy: 146.67 lm/W
 Light Distribution: A70 ±99.0% ±1.0%
 CIE Flux Codes: 90 97 99 99 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 22.2/20.0

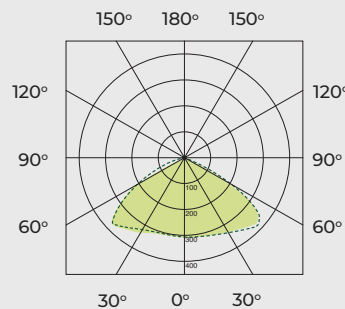
Luminous Intensity



LHBC22S120 Luminaire Performance

Light Output Ratio: 100%
 Luminaire Efficacy: 137.5 lm/W
 Light Distribution: A50 ±98.9% ±1.1%
 CIE Flux Codes: 54 97 99 99 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 29.3/28.8

Luminous Intensity

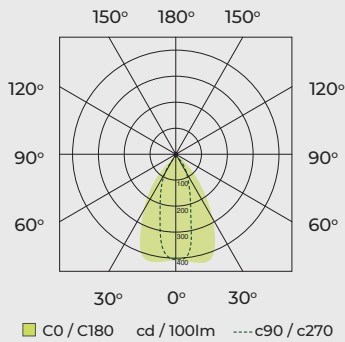


LHBC28SR

Luminaire Performance

Light Output Ratio: 100%
 Luminaire Efficacy: 140 lm/W
 Light Distribution: A60 \pm 100% \pm 0.0%
 CIE Flux Codes: 80 94 99 100 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 25.7/23.0

Luminous Intensity

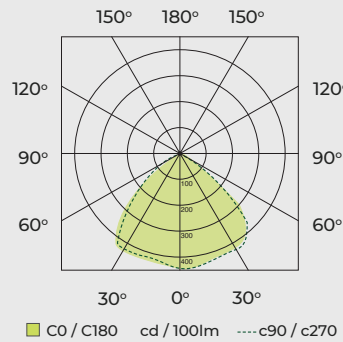


LHBC11S90

Luminaire Performance


Light Output Ratio: 100%
 Luminaire Efficacy: 145.45 lm/W
 Light Distribution: A60 \pm 98.9% \pm 1.1%
 CIE Flux Codes: 77 98 100 99 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 24.6/24.2

Luminous Intensity



STANDARD	DESCRIPTION
EN 60598-1	Luminaires – General requirements
EN 60598-2-1	Luminaires – Fixed general purpose
EN 60598-2-22	Luminaires – Emergency
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits - for harmonic current emissions
EN 61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection
EN 61547	Equipment for general lighting purposes – EMC immunity requirements
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

LUCECO

 This luminaire contains built-in LED lamps.

A++

A+

A

B

C

D

E

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LED

The lamps cannot be changed in the luminaire.

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