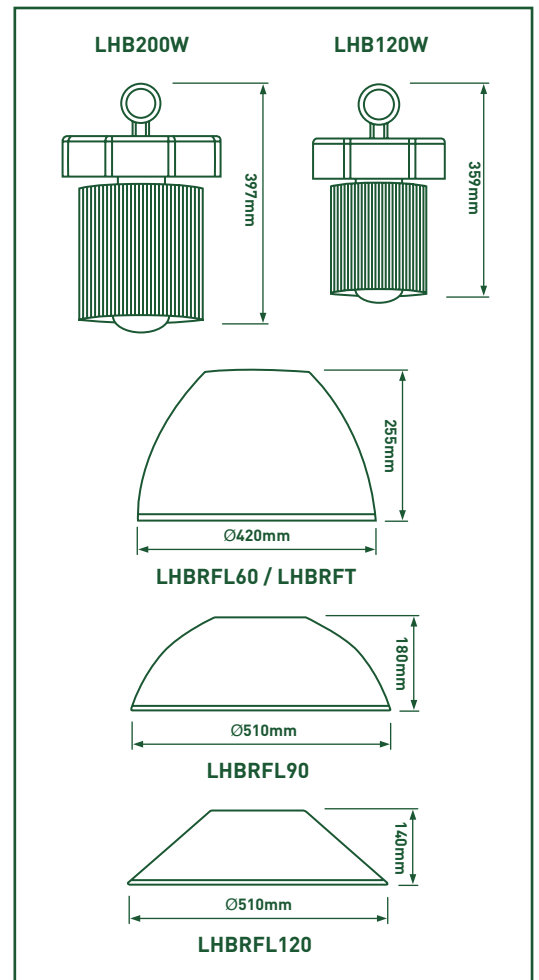


TITAN HIGH BAY

- 120W and 200W LED offering >93lm/W
- Alternative to HID High bay luminaires of 250W-400W
- Recommended for mounting heights of 6m to 12m
- Instant light output and re-strike unlike most HID
- No exposed glass so ideal for food storage areas
- Pre-wired with 1.5m of H05RN-F rubber cable
- Reflector/refractor sold separately
- Fixed output integrated driver



4000K NEUTRAL WHITE |
 50,000 HOURS |
 IP65 RATED |
 230v /50hz |
 CRI >80

5 year extended WARRANTY |
 1 year on site WARRANTY |
 5 years extended (3 years standard) and 1 year onsite warranty available in the UK. Rest of the world may vary, please ask your local distributor for more information.

CAT NO.	LUMINAIRE LUMENS	WATTAGE	EFFICACY LLM/W	CAT NO.	DESCRIPTION	ANGLE
LHB120W	11,190	120W	93	LHBRFL60	Aluminium reflector	60°
LHB200W	19,350	200W	96	LHBRFL90	Aluminium reflector	90°
				LHBRFL120	Aluminium reflector	120°
				LHBRFT	Polycarbonate refractor	60°

CE | **RoHS** | **WEEE** | **Energy Star**

CONTINUED

STANDARDS

EN 60598-1	Luminaires - General requirements
EN 60598-2-1	Luminaires - Fixed
EN 61347-1	Lamp controlgear - Part 1: General and safety requirements
EN 61347-2-13	Lamp controlgear - Part 2-13 : Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547	Equipment for general lighting purposes - EMC immunity requirements
EN 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits - for harmonic current emissions
EN 62471	Photobiological safety of lamps and lamp systems
2002/96/EC	Waste Electrical & Electronic Equipment (WEEE)
2011/65/EU	Restriction of the use of certain Hazardous Substances in EEE (RoHS)
(EC) No 1907/2006	The Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

LUCECO
 The luminaire contains built-in LED lamps.
A+
 A++
 A+
 A
 B
 C
 D
 E
 The lamps cannot be changed in the luminaire.
 874/2012

Tech Help Line
 UK - **03300 249 279**
 Non UK - **+44 (0)1952 238 100**

Supplied by Nexus Industries Ltd
 Nexus Distribution Centre, Stafford Park 1
 Telford, Shropshire, TF3 3BD

Visit our website at
www.luceco.uk

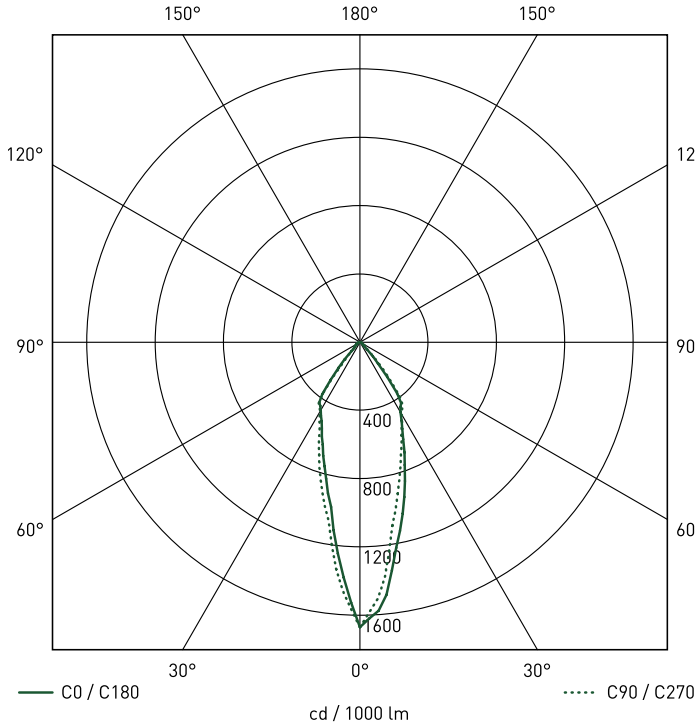
LUCECO PHOTOMETRIC DATA

LHB120W LHBRL60

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	89.13 lm/W	Designation:	LED
Light Distribution:	A70 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	91 98 100 100 97	Luminous flux:	11004 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	15.0 / 15.3	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	1669	1669	1669
5°	1539	1452	1312
10°	1223	1092	980
15°	988	873	789
20°	767	701	640
25°	591	576	532
30°	473	490	460
35°	408	429	410
40°	164	224	194
45°	40	54	54
50°	29	39	41
55°	21	29	31
60°	15	21	23
65°	11	15	17
70°	8	10	12
75°	5	7	8
80°	3	4	4
85°	1	1	1
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

ROOM DIMENSION		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	15.5	16.5	15.8	16.8	17.1	15.6	16.7	16.0	17.0	17.3
	3H	15.4	16.3	15.7	16.6	17.0	15.6	16.5	16.0	16.8	17.2
	4H	15.3	16.2	15.7	16.5	16.9	15.5	16.4	15.9	16.8	17.1
	6H	15.2	16.0	15.7	16.4	16.8	15.5	16.3	15.9	16.6	17.0
	8H	15.2	15.9	15.6	16.3	16.7	15.4	16.2	15.8	16.5	17.0
	12H	15.1	15.8	15.5	16.2	16.6	15.3	16.1	15.8	16.5	16.9
4H	2H	15.2	16.1	15.6	16.5	16.8	15.5	16.3	15.9	16.7	17.0
	3H	15.2	15.9	15.6	16.3	16.7	15.4	16.1	15.8	16.5	16.9
	4H	15.1	15.8	15.6	16.2	16.6	15.4	16.0	15.8	16.4	16.9
	6H	15.0	15.6	15.5	16.0	16.5	15.3	15.9	15.8	16.3	16.8
	8H	15.0	15.5	15.5	15.9	16.4	15.3	15.8	15.7	16.2	16.7
	12H	14.9	15.4	15.4	15.9	16.4	15.2	15.7	15.7	16.1	16.7
8H	4H	15.0	15.5	15.5	15.9	16.4	15.2	15.7	15.7	16.2	16.7
	6H	14.9	15.3	15.4	15.8	16.3	15.1	15.6	15.7	16.1	16.6
	8H	14.9	15.2	15.4	15.7	16.2	15.2	15.5	15.7	16.0	16.5
	12H	14.8	15.1	15.3	15.6	16.1	15.1	15.4	15.6	15.9	16.4
12H	4H	14.9	15.4	15.4	15.8	16.4	15.2	15.7	15.7	16.1	16.6
	6H	14.9	15.2	15.4	15.7	16.2	15.1	15.5	15.7	16.0	16.5
	8H	14.8	15.1	15.3	15.6	16.1	15.1	15.4	15.6	15.9	16.4

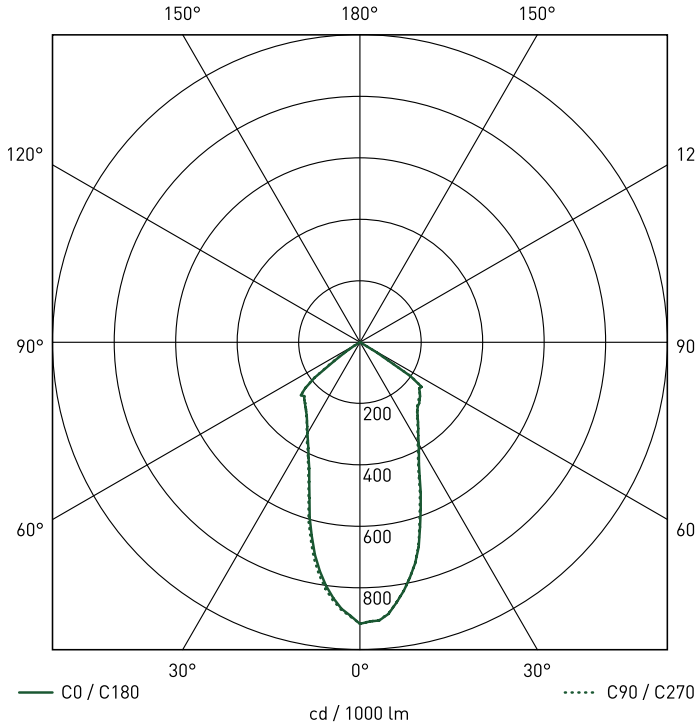
LUCECO PHOTOMETRIC DATA

LHB120W LHBRL90

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	93.16 lm/W	Designation:	LED
Light Distribution:	A60 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	69 100 100 100 100	Luminous flux:	11365 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	20.3 / 18.6	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	916	916	916
5°	899	898	854
10°	821	821	756
15°	718	717	622
20°	579	571	484
25°	456	450	398
30°	382	376	342
35°	330	326	302
40°	291	289	276
45°	274	270	257
50°	255	253	234
55°	227	227	79
60°	2	2	1
65°	1	1	1
70°	1	1	1
75°	1	1	1
80°	0	0	0
85°	0	0	0
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

ROOM DIMENSION		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	20.8	22.1	21.2	22.4	22.7	19.1	20.4	19.5	20.7	21.0
	3H	20.7	21.8	21.0	22.1	22.5	19.0	20.1	19.3	20.4	20.8
	4H	20.6	21.6	21.0	22.0	22.4	18.9	19.9	19.3	20.3	20.7
	6H	20.5	21.5	20.9	21.9	22.3	18.8	19.8	19.2	20.2	20.6
	8H	20.4	21.4	20.9	21.8	22.2	18.7	19.7	19.2	20.1	20.5
	12H	20.4	21.3	20.8	21.7	22.1	18.7	19.6	19.1	20.0	20.4
4H	2H	20.7	21.8	21.1	22.1	22.5	19.0	20.1	19.4	20.4	20.8
	3H	20.5	21.4	20.9	21.8	22.2	18.8	19.7	19.2	20.1	20.5
	4H	20.5	21.2	20.9	21.7	22.1	18.8	19.5	19.2	20.0	20.4
	6H	20.4	21.0	20.8	21.5	21.9	18.7	19.3	19.1	19.8	20.2
	8H	20.3	20.9	20.8	21.4	21.9	18.6	19.2	19.1	19.7	20.1
	12H	20.3	20.8	20.8	21.3	21.8	18.6	19.1	19.1	19.6	20.1
8H	4H	20.3	20.9	20.8	21.4	21.9	18.6	19.2	19.1	19.7	20.1
	6H	20.2	20.7	20.7	21.2	21.7	18.5	19.0	19.0	19.5	20.0
	8H	20.2	20.6	20.7	21.1	21.6	18.5	18.9	19.0	19.4	19.9
	12H	20.1	20.5	20.6	21.0	21.5	18.4	18.8	18.9	19.3	19.8
12H	4H	20.3	20.8	20.8	21.3	21.8	18.6	19.1	19.1	19.6	20.1
	6H	20.2	20.6	20.7	21.1	21.6	18.5	18.9	19.0	19.4	19.9
	8H	20.1	20.5	20.6	21.0	21.5	18.4	18.8	18.9	19.3	19.8

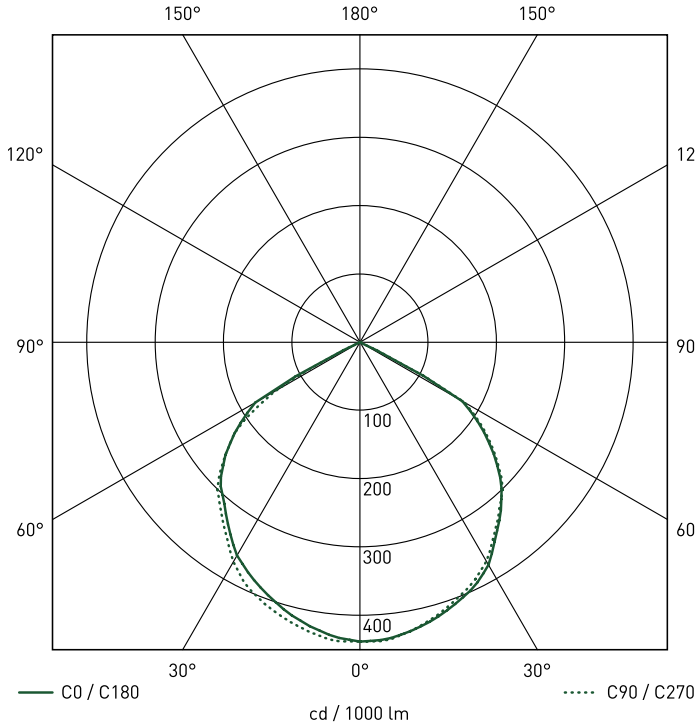
LUCECO PHOTOMETRIC DATA

LHB120W LHBRL120

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	92.8 lm/W	Designation:	LED
Light Distribution:	A50 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	57 95 100 100 101	Luminous flux:	11004 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	21.8 / 21.6	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	438	438	438
5°	436	438	433
10°	430	429	422
15°	420	417	410
20°	408	403	394
25°	395	389	378
30°	376	370	360
35°	347	343	334
40°	321	318	309
45°	292	295	289
50°	256	259	257
55°	216	221	219
60°	173	177	177
65°	3	3	3
70°	2	2	2
75°	1	1	1
80°	1	1	1
85°	0	0	0
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	22.0	23.4	22.3	23.7	24.0	21.8	23.2	22.1	23.5	23.8
	3H	21.8	23.1	22.2	23.4	23.8	21.6	22.9	22.0	23.2	23.6
	4H	21.8	22.9	22.2	23.3	23.7	21.6	22.8	22.0	23.1	23.5
	6H	21.7	22.8	22.1	23.2	23.6	21.5	22.6	21.9	23.0	23.4
	8H	21.6	22.7	22.1	23.1	23.5	21.5	22.5	21.9	22.9	23.3
	12H	21.6	22.6	22.0	23.0	23.4	21.4	22.4	21.8	22.8	23.2
4H	2H	22.1	23.3	22.5	23.7	24.1	22.0	23.2	22.4	23.5	23.9
	3H	22.0	23.0	22.4	23.4	23.8	21.8	22.8	22.2	23.2	23.6
	4H	22.0	22.8	22.4	23.2	23.7	21.8	22.6	22.2	23.1	23.5
	6H	21.9	22.6	22.3	23.1	23.5	21.7	22.4	22.1	22.9	23.3
	8H	21.8	22.5	22.3	23.0	23.4	21.6	22.3	22.1	22.8	23.2
	12H	21.8	22.4	22.3	22.9	23.4	21.6	22.2	22.1	22.7	23.2
8H	4H	21.8	22.5	22.3	23.0	23.4	21.6	22.3	22.1	22.8	23.2
	6H	21.7	22.3	22.2	22.7	23.2	21.5	22.1	22.0	22.6	23.1
	8H	21.7	22.2	22.2	22.7	23.2	21.5	22.0	22.0	22.5	23.0
	12H	21.7	22.1	22.2	22.6	23.1	21.5	21.9	22.0	22.4	22.9
12H	4H	21.8	22.4	22.3	22.9	23.4	21.6	22.2	22.1	22.7	23.2
	6H	21.7	22.2	22.2	22.7	23.2	21.5	22.0	22.0	22.5	23.0
	8H	21.7	22.1	22.2	22.6	23.1	21.5	21.9	22.0	22.4	22.9

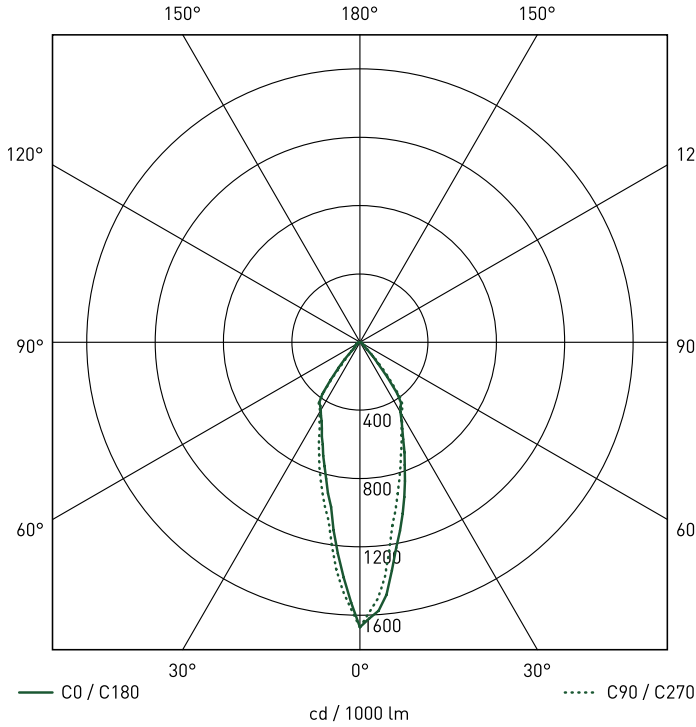
LUCECO PHOTOMETRIC DATA

LHB120W LHBRFT

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	83.11 lm/W	Designation:	LED
Light Distribution:	A70 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	91 98 100 100 97	Luminous flux:	10260 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	14.7 / 15.0	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	1669	1669	1669
5°	1539	1452	1312
10°	1223	1092	980
15°	988	873	789
20°	767	701	640
25°	591	576	532
30°	473	490	460
35°	408	429	410
40°	164	224	194
45°	40	54	54
50°	29	39	41
55°	21	29	31
60°	15	21	23
65°	11	15	17
70°	8	10	12
75°	5	7	8
80°	3	4	4
85°	1	1	1
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

ROOM DIMENSION		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	15.2	16.3	15.6	16.6	16.9	15.4	16.4	15.8	16.8	17.1
	3H	15.1	16.0	15.5	16.4	16.7	15.3	16.3	15.7	16.6	17.0
	4H	15.1	15.9	15.5	16.3	16.6	15.3	16.2	15.7	16.5	16.9
	6H	15.0	15.8	15.4	16.2	16.5	15.2	16.0	15.7	16.4	16.8
	8H	14.9	15.7	15.3	16.1	16.5	15.2	15.9	15.6	16.3	16.7
	12H	14.9	15.6	15.3	16.0	16.4	15.1	15.8	15.5	16.2	16.6
4H	2H	15.0	15.9	15.4	16.2	16.6	15.2	16.1	15.6	16.4	16.8
	3H	14.9	15.6	15.3	16.0	16.4	15.2	15.9	15.6	16.3	16.7
	4H	14.9	15.5	15.3	15.9	16.4	15.2	15.8	15.6	16.2	16.6
	6H	14.8	15.3	15.3	15.8	16.2	15.1	15.6	15.5	16.1	16.5
	8H	14.7	15.2	15.2	15.7	16.2	15.0	15.5	15.5	16.0	16.5
	12H	14.7	15.2	15.2	15.6	16.1	15.0	15.4	15.5	15.9	16.4
8H	4H	14.7	15.2	15.2	15.7	16.2	15.0	15.5	15.5	16.0	16.4
	6H	14.6	15.0	15.1	15.5	16.0	14.9	15.3	15.4	15.8	16.3
	8H	14.6	15.0	15.1	15.5	16.0	14.9	15.3	15.4	15.8	16.3
	12H	14.6	14.9	15.1	15.4	15.9	14.8	15.1	15.4	15.7	16.2
12H	4H	14.7	15.1	15.2	15.6	16.1	15.0	15.4	15.4	15.9	16.4
	6H	14.6	15.0	15.1	15.5	16.0	14.9	15.3	15.4	15.8	16.3
	8H	14.6	14.9	15.1	15.4	15.9	14.9	15.1	15.4	15.7	16.2

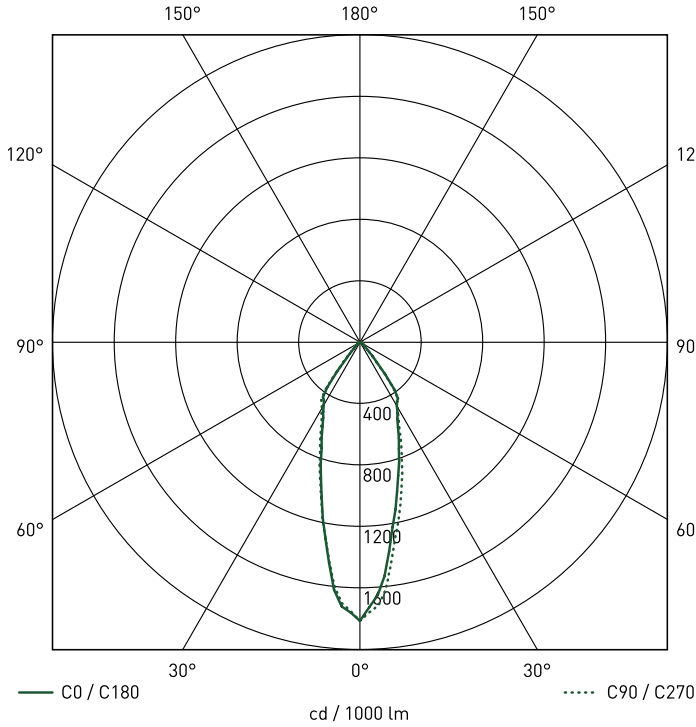
LUCECO PHOTOMETRIC DATA

LHB200W LHBRFL60

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	87.19 lm/W	Designation:	LED
Light Distribution:	A70 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	92 98 100 100 101	Luminous flux:	18474 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	17.2 / 17.1	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	1813	1813	1813
5°	1597	1677	1682
10°	1222	1308	1298
15°	950	1034	976
20°	739	795	734
25°	579	602	571
30°	482	485	473
35°	417	413	406
40°	166	152	134
45°	54	43	45
50°	40	31	32
55°	29	23	23
60°	21	17	17
65°	15	12	12
70°	11	8	8
75°	7	6	5
80°	4	3	3
85°	1	1	1
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

ROOM DIMENSION		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	17.5	18.6	17.9	18.9	19.2	17.6	18.6	17.9	18.9	19.2
	3H	17.5	18.4	17.9	18.7	19.1	17.5	18.4	17.9	18.7	19.1
	4H	17.5	18.3	17.9	18.6	19.0	17.4	18.3	17.8	18.6	19.0
	6H	17.4	18.2	17.8	18.5	18.9	17.4	18.2	17.8	18.5	18.9
	8H	17.3	18.1	17.8	18.5	18.9	17.3	18.0	17.7	18.4	18.8
12H	17.3	18.0	17.7	18.4	18.8	17.2	17.9	17.7	18.3	18.8	
4H	2H	17.3	18.2	17.7	18.5	18.9	17.4	18.2	17.8	18.6	18.9
	3H	17.3	18.0	17.7	18.4	18.8	17.3	18.0	17.7	18.4	18.8
	4H	17.3	17.9	17.8	18.3	18.8	17.3	17.9	17.7	18.3	18.8
	6H	17.2	17.8	17.7	18.2	18.7	17.2	17.7	17.7	18.2	18.6
	8H	17.2	17.7	17.7	18.1	18.6	17.1	17.6	17.6	18.1	18.6
12H	17.2	17.6	17.6	18.1	18.6	17.1	17.6	17.6	18.0	18.5	
8H	4H	17.2	17.7	17.6	18.1	18.6	17.1	17.6	17.6	18.1	18.6
	6H	17.1	17.5	17.6	18.0	18.5	17.0	17.4	17.5	17.9	18.4
	8H	17.1	17.4	17.6	18.0	18.5	17.0	17.4	17.6	17.9	18.4
	12H	17.0	17.3	17.6	17.8	18.4	17.0	17.3	17.5	17.8	18.3
12H	4H	17.1	17.6	17.6	18.0	18.5	17.1	17.5	17.6	18.0	18.5
	6H	17.1	17.4	17.6	17.9	18.4	17.0	17.4	17.6	17.9	18.4
	8H	17.0	17.3	17.6	17.8	18.4	17.0	17.3	17.5	17.8	18.3

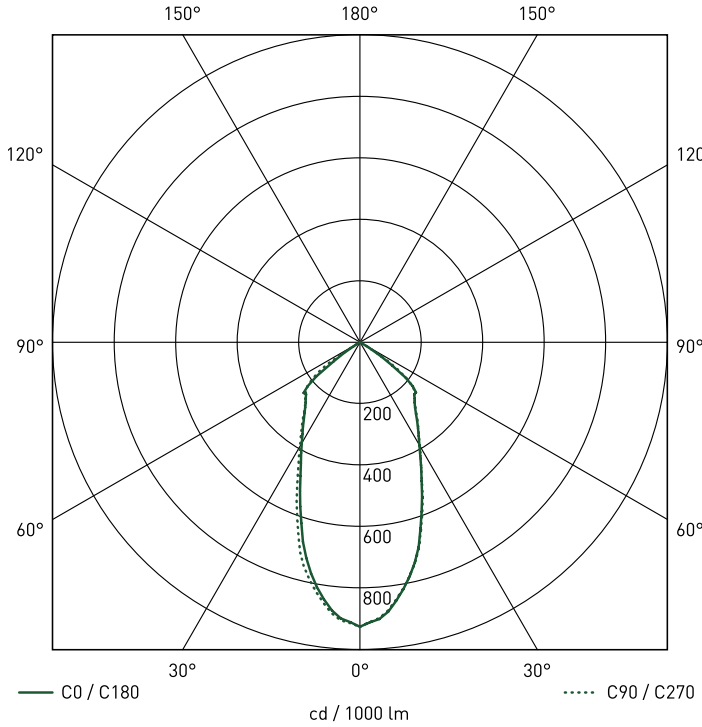
LUCECO PHOTOMETRIC DATA

LHB200W LHBRFL90

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	108.08 lm/W	Designation:	LED
Light Distribution:	A60 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	73 100 100 100 100	Luminous flux:	22048 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	20.8 / 21.0	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	926	926	926
5°	893	890	890
10°	816	813	809
15°	716	718	701
20°	587	593	569
25°	474	475	458
30°	387	389	379
35°	327	329	322
40°	279	281	278
45°	250	251	250
50°	224	224	223
55°	107	129	83
60°	1	1	1
65°	1	1	1
70°	1	1	1
75°	1	1	1
80°	0	0	0
85°	0	0	0
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

ROOM DIMENSION		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	21.4	22.6	21.8	23.0	23.3	21.6	22.8	22.0	23.2	23.5
	3H	21.2	22.3	21.6	22.7	23.0	21.4	22.5	21.8	22.9	23.2
	4H	21.2	22.2	21.6	22.5	22.9	21.4	22.4	21.8	22.7	23.1
	6H	21.1	22.0	21.5	22.4	22.8	21.3	22.2	21.7	22.6	23.0
	8H	21.0	21.9	21.4	22.3	22.7	21.2	22.1	21.6	22.5	22.9
	12H	21.0	21.8	21.4	22.2	22.6	21.2	22.0	21.6	22.4	22.8
4H	2H	21.3	22.3	21.7	22.6	23.0	21.4	22.5	21.8	22.8	23.2
	3H	21.1	21.9	21.5	22.3	22.7	21.2	22.1	21.7	22.5	22.9
	4H	21.0	21.7	21.5	22.2	22.6	21.2	21.9	21.6	22.3	22.8
	6H	20.9	21.5	21.4	22.0	22.4	21.1	21.7	21.5	22.2	22.6
	8H	20.8	21.4	21.3	21.9	22.4	21.0	21.6	21.5	22.1	22.5
	12H	20.8	21.3	21.3	21.8	22.3	21.0	21.5	21.5	22.0	22.5
8H	4H	20.8	21.4	21.3	21.9	22.4	21.0	21.6	21.5	22.1	22.5
	6H	20.7	21.2	21.2	21.7	22.2	20.9	21.4	21.4	21.8	22.3
	8H	20.7	21.1	21.2	21.6	22.1	20.9	21.3	21.4	21.8	22.3
	12H	20.6	21.0	21.2	21.5	22.0	20.8	21.2	21.3	21.7	22.2
12H	4H	20.8	21.3	21.3	21.8	22.3	21.0	21.5	21.5	22.0	22.5
	6H	20.7	21.1	21.2	21.6	22.1	20.9	21.3	21.4	21.8	22.3
	8H	20.6	21.0	21.2	21.5	22.0	20.8	21.2	21.3	21.7	22.2

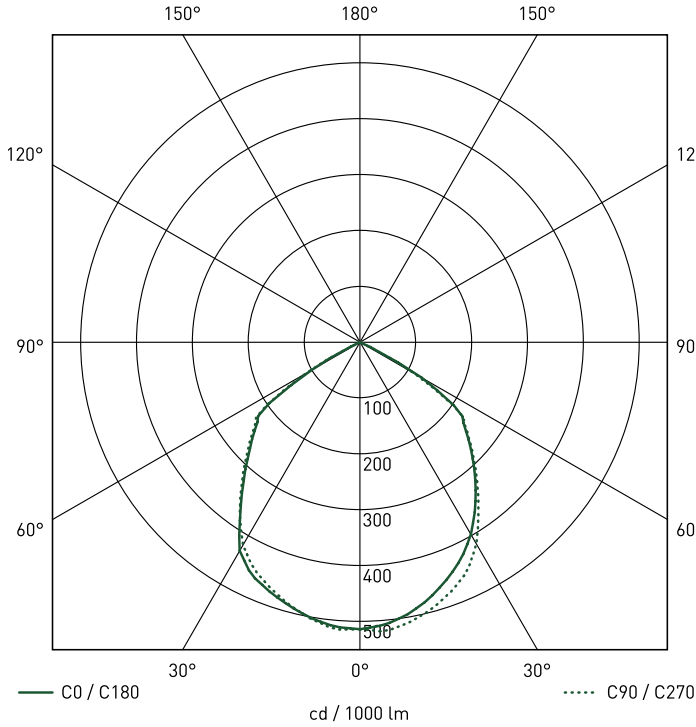
LUCECO PHOTOMETRIC DATA

LHB200W LHBRFL120

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	90.21 lm/W	Designation:	LED
Light Distribution:	A50 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	62 97 100 100 105	Luminous flux:	18474 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	22.7 / 22.6	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	514	514	514
5°	507	519	511
10°	494	509	502
15°	475	494	489
20°	453	475	474
25°	427	452	459
30°	397	416	431
35°	360	369	374
40°	321	326	324
45°	283	286	281
50°	248	250	246
55°	217	217	214
60°	127	112	100
65°	3	4	4
70°	2	2	3
75°	1	1	2
80°	1	1	1
85°	0	0	0
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	23.0	24.4	23.3	24.7	25.0	22.9	24.3	23.3	24.6	24.9
	3H	22.8	24.1	23.2	24.4	24.8	22.8	24.0	23.1	24.3	24.7
	4H	22.8	23.9	23.2	24.3	24.7	22.7	23.8	23.1	24.2	24.6
	6H	22.7	23.8	23.1	24.2	24.6	22.6	23.7	23.1	24.1	24.5
	8H	22.7	23.7	23.1	24.1	24.5	22.6	23.6	23.0	24.0	24.4
	12H	22.6	23.6	23.0	24.0	24.4	22.5	23.5	22.9	23.9	24.3
4H	2H	23.1	24.2	23.5	24.6	24.9	23.0	24.1	23.4	24.5	24.8
	3H	22.9	23.9	23.3	24.2	24.7	22.8	23.8	23.2	24.2	24.6
	4H	22.9	23.7	23.3	24.1	24.5	22.8	23.6	23.2	24.0	24.5
	6H	22.7	23.5	23.2	23.9	24.4	22.7	23.4	23.1	23.8	24.3
	8H	22.7	23.4	23.2	23.8	24.3	22.6	23.3	23.1	23.8	24.2
	12H	22.7	23.3	23.2	23.7	24.3	22.6	23.2	23.1	23.7	24.2
8H	4H	22.7	23.4	23.2	23.8	24.3	22.6	23.3	23.1	23.7	24.2
	6H	22.6	23.1	23.1	23.6	24.1	22.5	23.1	23.0	23.5	24.0
	8H	22.6	23.1	23.1	23.6	24.1	22.5	23.0	23.0	23.5	24.0
	12H	22.5	22.9	23.1	23.4	24.0	22.5	22.8	23.0	23.4	23.9
12H	4H	22.7	23.3	23.2	23.7	24.3	22.6	23.2	23.1	23.7	24.2
	6H	22.6	23.1	23.1	23.6	24.1	22.5	23.0	23.0	23.5	24.0
	8H	22.5	22.9	23.1	23.4	24.0	22.5	22.8	23.0	23.4	23.9

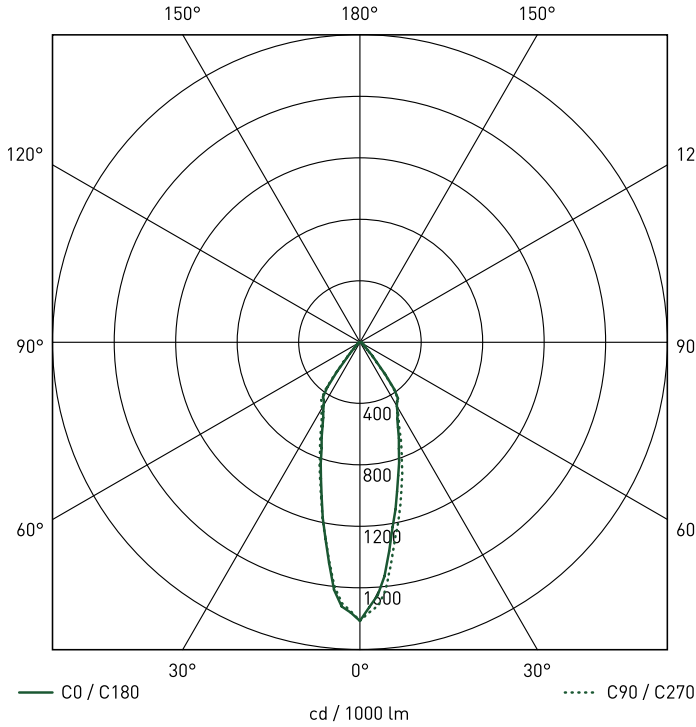
LUCECO PHOTOMETRIC DATA

LHB200W LHBRFT

LUMINAIRE PERFORMANCE

Light Output Ratio:	100%	Quantity:	1
Luminaire Efficacy:	78.47 lm/W	Designation:	LED
Light Distribution:	A70 ↓100.0% ↑0.0%	Colour Temperature:	4000K
CIE Flux Codes:	92 98 100 100 101	Luminous flux:	16627 lm
UGR 4H 8H (20%, 50%, 70%) C0 / C90:	16.8 / 16.8	CRI:	80

LUMINOUS INTENSITY



	C0	C90	C180
0°	1813	1813	1813
5°	1597	1677	1682
10°	1222	1308	1298
15°	950	1034	976
20°	739	795	734
25°	579	602	571
30°	482	485	473
35°	417	413	406
40°	166	152	134
45°	54	43	45
50°	40	31	32
55°	29	23	23
60°	21	17	17
65°	15	12	12
70°	11	8	8
75°	7	6	5
80°	4	3	3
85°	1	1	1
90°	0	0	0
	cd / 1000 lm		

UNIFIED GLARE RATING (UGR) TABLE

REFLECTANCE OF

CEILING	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
WALLS	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
FLOOR CAVITY	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

ROOM DIMENSION

ROOM DIMENSION		VIEWED CROSSWISE					VIEWED ENDWISE				
x	y										
2H	2H	17.2	18.2	17.5	18.5	18.8	17.2	18.2	17.6	18.5	18.9
	3H	17.1	18.0	17.5	18.4	18.7	17.1	18.0	17.5	18.4	18.7
	4H	17.1	17.9	17.5	18.3	18.6	17.1	17.9	17.5	18.3	18.6
	6H	17.0	17.8	17.5	18.2	18.6	17.0	17.8	17.4	18.2	18.6
	8H	17.0	17.7	17.4	18.1	18.5	16.9	17.7	17.4	18.1	18.5
	12H	16.9	17.6	17.3	18.0	18.4	16.9	17.6	17.3	18.0	18.4
4H	2H	17.0	17.8	17.4	18.2	18.5	17.0	17.8	17.4	18.2	18.6
	3H	16.9	17.6	17.4	18.0	18.5	16.9	17.6	17.4	18.0	18.5
	4H	17.0	17.6	17.4	18.0	18.4	16.9	17.5	17.4	18.0	18.4
	6H	16.9	17.4	17.4	17.9	18.3	16.8	17.4	17.3	17.8	18.3
	8H	16.8	17.3	17.3	17.8	18.3	16.8	17.3	17.3	17.7	18.2
	12H	16.8	17.2	17.3	17.7	18.2	16.7	17.2	17.2	17.6	18.2
8H	4H	16.8	17.3	17.3	17.7	18.2	16.8	17.3	17.3	17.7	18.2
	6H	16.7	17.1	17.2	17.6	18.1	16.7	17.1	17.2	17.6	18.1
	8H	16.7	17.1	17.3	17.6	18.1	16.7	17.0	17.2	17.5	18.0
	12H	16.7	17.0	17.2	17.5	18.0	16.6	16.9	17.1	17.4	17.9
12H	4H	16.8	17.2	17.2	17.7	18.2	16.7	17.2	17.2	17.6	18.2
	6H	16.7	17.1	17.2	17.6	18.1	16.7	17.0	17.2	17.5	18.0
	8H	16.7	17.0	17.2	17.5	18.0	16.6	16.9	17.1	17.4	17.9