

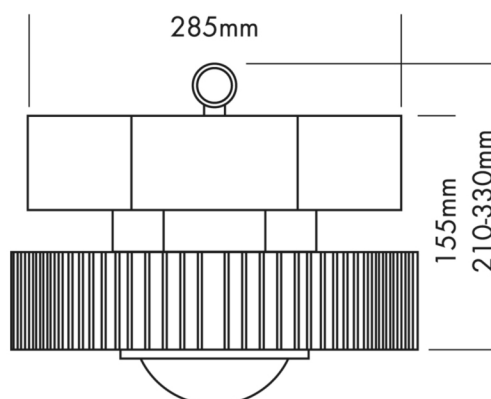
## Data sheet

L711H374+L711HAR1 - High Bay 250 - W - Refector Alu 45deg

**PROLED**<sup>®</sup>

Article name: High Bay 250 - W - Refector Alu 45deg

Article number: L711H374+L711HAR1



### Article description:

LED high bay luminaire for factory buildings, production halls, assembly halls, storage buildings, sales areas, exhibition spaces, ...

### Technical:

<b>Mounting type:</b>	Suspended	<b>Electric:</b>	
<b>Adjustability:</b>	Fixed	System power:	250 W
<b>Controllability:</b>	Dimmable	Current:	220-240 V
<b>Safety:</b>	IP20	Safety class:	1
<b>Temperature range:</b>	-40...55 °C	EEL:	A++ - A
<b>Lifetime:</b>	50.000 h at L80B10	UGR:	18.82

### Shape and dimensions:

Height:	560 mm
Diameter:	420 mm
Weight:	9 kg

### Light output 1 (LED 5700K - CRI 80):

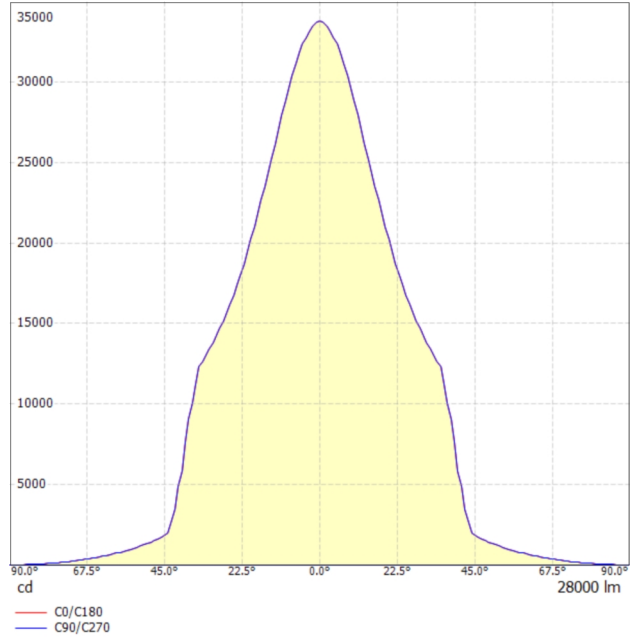
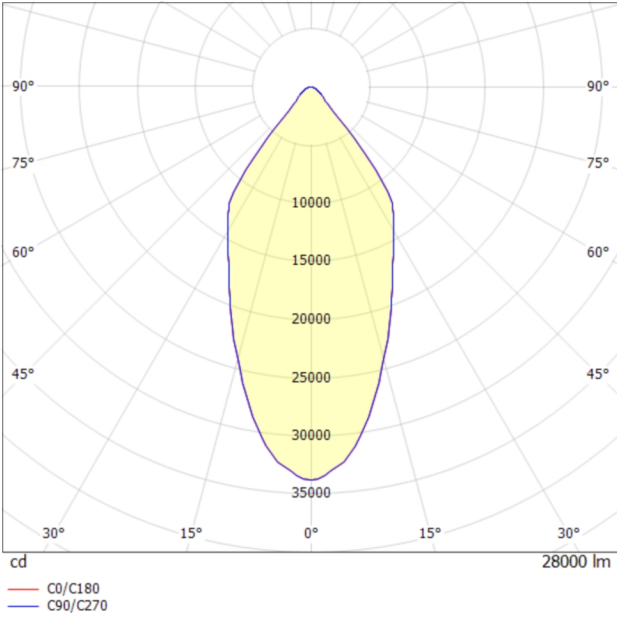
<b>Lamp type:</b>	LED
<b>Lamp power:</b>	250 W
<b>Total luminous flux:</b>	28000 lm
<b>Light efficiency:</b>	112 lm/W
<b>CCT:</b>	5700 K
<b>CRI:</b>	80
<b>Light distribution:</b>	(Symmetrical) Medium flood (half value angle 15°...45°)

Status 08.12.2020

Technical amendments and errors reserved.

# Data sheet

L711H374+L711HAR1 - High Bay 250 - W - Reflector Alu 45deg



Distance	Cone diameter	E(0°)	E(C0)	24.7°	28000 lm
0.5	0.46	E(0°)	24.7°	70136	26363
1.0	0.92	E(0°)	24.7°	17534	6591
1.5	1.38	E(0°)	24.7°	7793	2929
2.0	1.84	E(0°)	24.7°	4384	1648
2.5	2.30	E(0°)	24.7°	2805	1055
3.0	2.76	E(0°)	24.7°	1948	732

Distance Cone diameter Illuminance  
 — C0/C180 (Half-peak divergence: 49.4°)

### Glare evaluation according to UGR

	70	70	50	50	30	70	70	50	50	30
ρ Ceiling	70	70	50	50	30	70	70	50	50	30
ρ Walls	50	30	50	30	30	50	30	50	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20

Room size	X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
			2H	4H	6H	8H	12H	2H	4H	6H	8H	12H
2H	2H	18.7	19.4	18.9	19.6	19.8	18.7	19.4	18.9	19.6	19.8	
2H	3H	18.8	19.5	19.0	19.7	19.9	18.8	19.5	19.0	19.7	19.9	
2H	4H	18.8	19.4	19.1	19.7	19.9	18.8	19.4	19.1	19.7	19.9	
2H	6H	18.8	19.3	19.1	19.6	19.9	18.8	19.3	19.1	19.6	19.9	
2H	8H	18.7	19.3	19.1	19.6	19.9	18.7	19.3	19.1	19.6	19.9	
2H	12H	18.7	19.2	19.1	19.6	19.9	18.7	19.2	19.1	19.6	19.9	
4H	2H	18.6	19.3	18.9	19.5	19.8	18.6	19.3	18.9	19.5	19.8	
4H	3H	18.8	19.3	19.1	19.6	19.9	18.8	19.3	19.1	19.6	19.9	
4H	4H	18.8	19.3	19.2	19.6	20.0	18.8	19.3	19.2	19.6	20.0	
4H	6H	18.8	19.2	19.2	19.6	20.0	18.8	19.2	19.2	19.6	20.0	
4H	8H	18.8	19.2	19.2	19.6	20.0	18.8	19.2	19.2	19.6	20.0	
4H	12H	18.8	19.1	19.2	19.5	19.9	18.8	19.1	19.2	19.5	19.9	
8H	4H	18.8	19.1	19.2	19.5	19.9	18.8	19.1	19.2	19.5	19.9	
8H	6H	18.8	19.1	19.3	19.5	19.9	18.8	19.1	19.3	19.5	19.9	
8H	8H	18.8	19.0	19.3	19.5	19.9	18.8	19.0	19.3	19.5	19.9	
8H	12H	18.8	19.0	19.3	19.4	19.9	18.8	19.0	19.3	19.4	19.9	
12H	4H	18.7	19.0	19.2	19.4	19.9	18.7	19.0	19.2	19.4	19.9	
12H	6H	18.8	19.0	19.2	19.4	19.9	18.8	19.0	19.2	19.4	19.9	
12H	8H	18.8	19.0	19.3	19.4	19.9	18.8	19.0	19.3	19.4	19.9	

Variation of the observer position for the luminaire distances S

S = 1.0H	+3.3 / -3.4	+3.3 / -3.4
S = 1.5H	+5.8 / -4.2	+5.8 / -4.2
S = 2.0H	+7.7 / -5.1	+7.7 / -5.1

Standard table	BK01	BK01
Correction summand	0.8	0.8

Correction glare indices referring to 28000lm total luminous flux

Status 08.12.2020

Technical amendments and errors reserved.

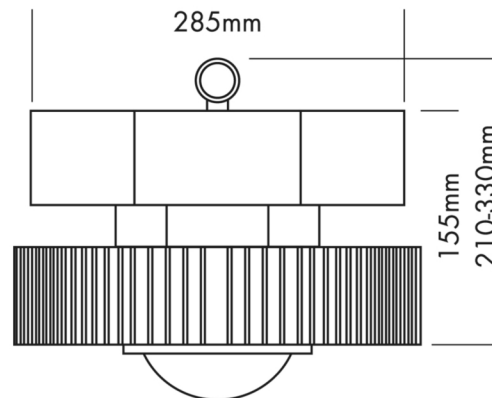
# Data sheet

L711H374+L711HAR2 - High Bay 250 - W - Refektor Alu 70deg

**PROLED®**

Article name: High Bay 250 - W - Refektor Alu 70deg

Article number: L711H374+L711HAR2



## Article description:

LED high bay luminaire for factory buildings, production halls, assembly halls, storage buildings, sales areas, exhibition spaces, ...

## Technical:

<b>Mounting type:</b>	Suspended	<b>Electric:</b>	
<b>Adjustability:</b>	Fixed	System power:	250 W
<b>Controllability:</b>	Dimmable	Current:	220-240 V
<b>Safety:</b>	IP20	Safety class:	1
<b>Temperature range:</b>	-40...55 °C	EEL:	A++ - A
<b>Lifetime:</b>	50.000 h at L80B10	UGR:	23.78

## Shape and dimensions:

Height:	450 mm
Diameter:	495 mm
Weight:	9 kg

## Light output 1 (LED 5700K - CRI 80):

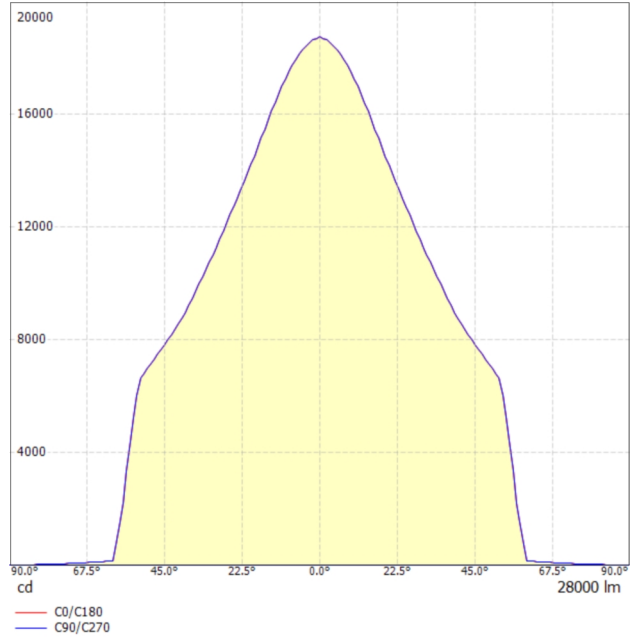
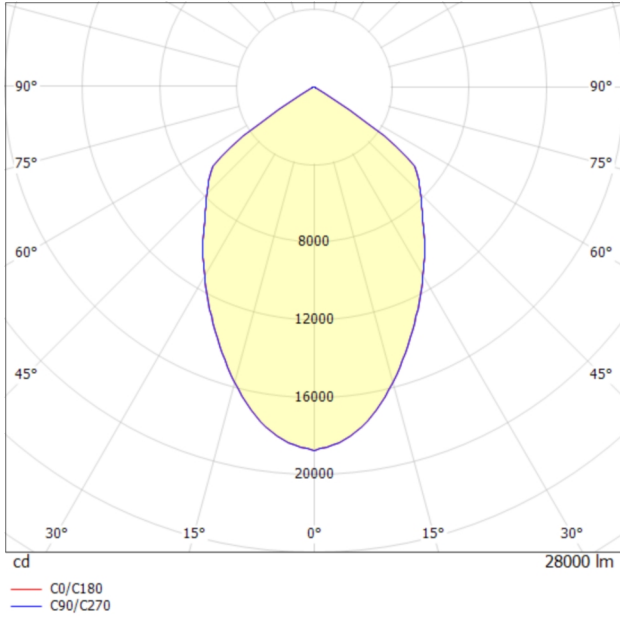
<b>Lamp type:</b>	LED
<b>Lamp power:</b>	250 W
<b>Total luminous flux:</b>	28000 lm
<b>Light efficiency:</b>	112 lm/W
<b>CCT:</b>	5700 K
<b>CRI:</b>	80
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

Technical amendments and errors reserved.

# Data sheet

L711H374+L711HAR2 - High Bay 250 - W - Refektor Alu 70deg



Distance	Cone diameter	E(0°)	E(C0)	37.3°	Illuminance
0.5	0.76	E(0°)	37.3°	62113	15647
1.0	1.52	E(0°)	37.3°	15528	3912
1.5	2.29	E(0°)	37.3°	6901	1739
2.0	3.05	E(0°)	37.3°	3882	978
2.5	3.81	E(0°)	37.3°	2485	626
3.0	4.57	E(0°)	37.3°	1725	435

— C0/C180 (Half-peak divergence: 74.6°)

### Glare evaluation according to UGR

	70	70	50	50	30	70	70	50	50	30
ρ Ceiling	70	70	50	50	30	70	70	50	50	30
ρ Walls	50	30	50	30	30	50	30	50	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20

Room size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis						
		2H	3H	4H	6H	8H	12H	2H	3H	4H	6H	8H	12H
2H	2H	24.2	25.2	24.5	25.4	25.6	24.2	25.2	24.5	25.4	25.6	24.2	25.2
2H	3H	24.0	24.9	24.3	25.2	25.4	24.0	24.9	24.3	25.2	25.4	24.0	24.9
2H	4H	24.0	24.8	24.3	25.1	25.3	24.0	24.8	24.3	25.1	25.3	24.0	24.8
2H	6H	23.9	24.7	24.2	24.9	25.2	23.9	24.7	24.2	24.9	25.2	23.9	24.7
2H	8H	23.9	24.6	24.2	24.9	25.2	23.9	24.6	24.2	24.9	25.2	23.9	24.6
2H	12H	23.8	24.5	24.2	24.8	25.1	23.8	24.5	24.2	24.8	25.1	23.8	24.5
4H	2H	24.1	24.9	24.4	25.2	25.5	24.1	24.9	24.4	25.2	25.5	24.1	24.9
4H	3H	24.0	24.6	24.3	25.0	25.3	24.0	24.6	24.3	25.0	25.3	24.0	24.6
4H	4H	23.9	24.5	24.3	24.8	25.2	23.9	24.5	24.3	24.8	25.2	23.9	24.5
4H	6H	23.8	24.3	24.2	24.7	25.1	23.8	24.3	24.2	24.7	25.1	23.8	24.3
4H	8H	23.8	24.2	24.2	24.6	25.0	23.8	24.2	24.2	24.6	25.0	23.8	24.2
4H	12H	23.7	24.2	24.2	24.6	25.0	23.7	24.2	24.2	24.6	25.0	23.7	24.2
8H	4H	23.8	24.2	24.2	24.6	25.0	23.8	24.2	24.2	24.6	25.0	23.8	24.2
8H	6H	23.7	24.1	24.1	24.5	24.9	23.7	24.1	24.1	24.5	24.9	23.7	24.1
8H	8H	23.7	24.0	24.1	24.4	24.9	23.7	24.0	24.1	24.4	24.9	23.7	24.0
8H	12H	23.6	23.9	24.1	24.4	24.9	23.6	23.9	24.1	24.4	24.9	23.6	23.9
12H	4H	23.7	24.2	24.2	24.6	25.0	23.7	24.2	24.2	24.6	25.0	23.7	24.2
12H	6H	23.7	24.0	24.1	24.4	24.9	23.7	24.0	24.1	24.4	24.9	23.7	24.0
12H	8H	23.6	23.9	24.1	24.4	24.9	23.6	23.9	24.1	24.4	24.9	23.6	23.9

Variation of the observer position for the luminaire distances S

S = 1.0H	+1.7 / -1.4	+1.7 / -1.4
S = 1.5H	+2.9 / -18.4	+2.9 / -18.4
S = 2.0H	+4.4 / -19.1	+4.4 / -19.1

Standard table	BK00	BK00
Correction summand	5.7	5.7

Correction glare indices referring to 28000lm total luminous flux

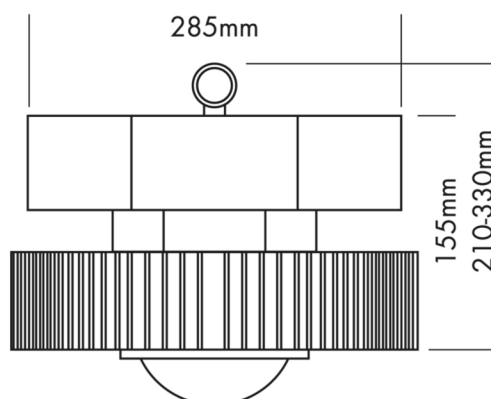
## Data sheet

L711H374+L711HAR4 - High Bay 250 - W - Refl. Polycarbonate

**PROLED**<sup>®</sup>

Article name: High Bay 250 - W - Refl. Polycarbonate

Article number: L711H374+L711HAR4



### Article description:

LED high bay luminaire for factory buildings, production halls, assembly halls, storage buildings, sales areas, exhibition spaces, ...

### Technical:

<b>Mounting type:</b>	Suspended	<b>Electric:</b>	
<b>Adjustability:</b>	Fixed	System power:	250 W
<b>Controllability:</b>	Dimmable	Current:	220-240 V
<b>Safety:</b>	IP20	Safety class:	1
<b>Temperature range:</b>	-40...55 °C	EEL:	A++ - A
<b>Lifetime:</b>	50.000 h at L80B10	UGR:	18.1

### Shape and dimensions:

Height:	575 mm
Diameter:	410 mm
Weight:	9 kg

### Light output 1 (LED 5700K - CRI 80):

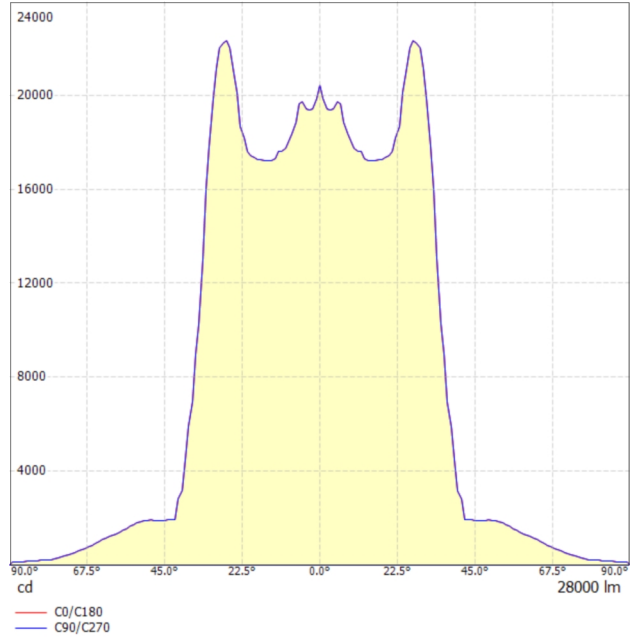
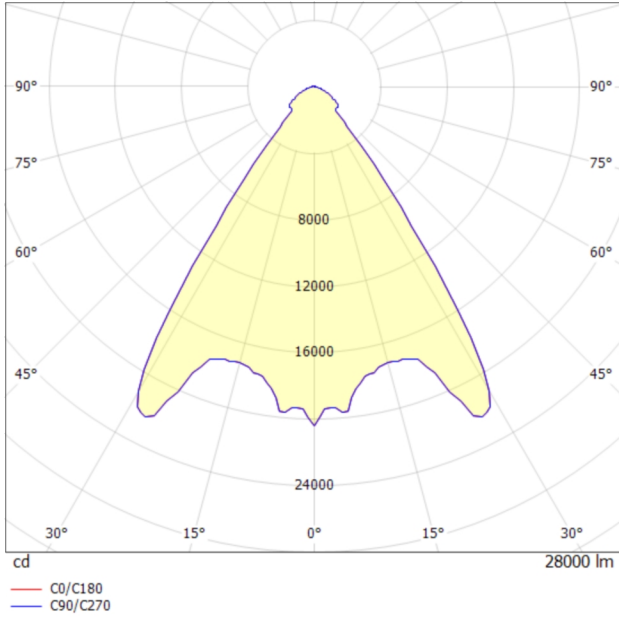
<b>Lamp type:</b>	LED
<b>Lamp power:</b>	250 W
<b>Total luminous flux:</b>	28000 lm
<b>Light efficiency:</b>	112 lm/W
<b>CCT:</b>	5700 K
<b>CRI:</b>	80
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

Technical amendments and errors reserved.

# Data sheet

L711H374+L711HAR4 - High Bay 250 - W - Refl. Polycarbonate



Distance	Cone diameter	E(0°)	E(C0)	34.6°	28000 lm
0.5	0.69	E(0°)	34.6°	42179	
		E(C0)		13098	
1.0	1.38	E(0°)	34.6°	10545	
		E(C0)		3274	
1.5	2.07	E(0°)	34.6°	4687	
		E(C0)		1455	
2.0	2.76	E(0°)	34.6°	2636	
		E(C0)		819	
2.5	3.45	E(0°)	34.6°	1687	
		E(C0)		524	
3.0	4.14	E(0°)	34.6°	1172	
		E(C0)		364	

Distance Cone diameter Illuminance  
 — C0/C180 (Half-peak divergence: 69.2°)

## Glare evaluation according to UGR

	70	70	50	50	30	70	70	50	50	30
ρ Ceiling	70	70	50	50	30	70	70	50	50	30
ρ Walls	50	30	50	30	30	50	30	50	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20

Room size	X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
			2H	4H	6H	8H	12H	2H	4H	6H	8H	12H
2H	2H	17.7	18.5	18.0	18.7	19.0	17.7	18.5	18.0	18.7	19.0	
2H	3H	17.9	18.6	18.2	18.9	19.2	17.9	18.6	18.2	18.9	19.2	
2H	4H	17.9	18.6	18.3	18.9	19.2	17.9	18.6	18.3	18.9	19.2	
2H	6H	17.9	18.5	18.3	18.8	19.2	17.9	18.5	18.3	18.8	19.2	
2H	8H	17.9	18.5	18.3	18.8	19.2	17.9	18.5	18.3	18.8	19.2	
2H	12H	17.9	18.5	18.3	18.8	19.1	17.9	18.5	18.3	18.8	19.1	
4H	2H	17.7	18.4	18.1	18.7	19.0	17.7	18.4	18.1	18.7	19.0	
4H	3H	18.0	18.6	18.4	18.9	19.3	18.0	18.6	18.4	18.9	19.3	
4H	4H	18.1	18.6	18.5	19.0	19.3	18.1	18.6	18.5	19.0	19.3	
4H	6H	18.1	18.5	18.5	18.9	19.3	18.1	18.5	18.5	18.9	19.3	
4H	8H	18.1	18.5	18.5	18.9	19.3	18.1	18.5	18.5	18.9	19.3	
4H	12H	18.1	18.4	18.6	18.9	19.3	18.1	18.4	18.6	18.9	19.3	
8H	4H	18.1	18.4	18.5	18.8	19.3	18.1	18.4	18.5	18.8	19.3	
8H	6H	18.1	18.4	18.6	18.8	19.3	18.1	18.4	18.6	18.8	19.3	
8H	8H	18.1	18.4	18.6	18.8	19.3	18.1	18.4	18.6	18.8	19.3	
8H	12H	18.1	18.3	18.6	18.8	19.4	18.1	18.3	18.6	18.8	19.4	
12H	4H	18.0	18.4	18.5	18.8	19.2	18.0	18.4	18.5	18.8	19.2	
12H	6H	18.1	18.3	18.5	18.8	19.3	18.1	18.3	18.5	18.8	19.3	
12H	8H	18.1	18.3	18.6	18.8	19.3	18.1	18.3	18.6	18.8	19.3	

Variation of the observer position for the luminaire distances S

S = 1.0H	+4.1 / -2.2	+4.1 / -2.2
S = 1.5H	+6.6 / -3.0	+6.6 / -3.0
S = 2.0H	+8.5 / -4.0	+8.5 / -4.0

Standard table	BK01	BK01
Correction summand	0.1	0.1

Correction glare indices referring to 28000lm total luminous flux

Status 08.12.2020

Technical amendments and errors reserved.

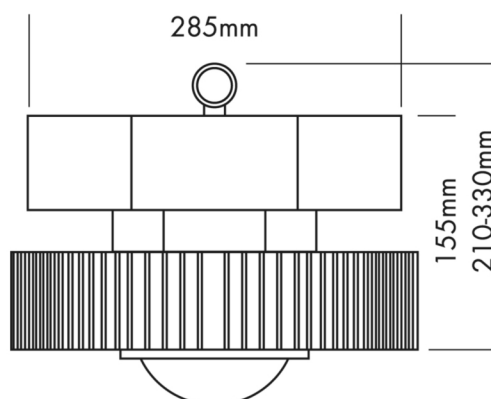
## Data sheet

L711H374+L711HAR5 - High Bay 250 - W - Refl. Polycarbonate + Cover

**PROLED**<sup>®</sup>

Article name: High Bay 250 - W - Refl. Polycarbonate + Cover

Article number: L711H374+L711HAR5



### Article description:

LED high bay luminaire for factory buildings, production halls, assembly halls, storage buildings, sales areas, exhibition spaces, ...

### Technical:

<b>Mounting type:</b>	Suspended	<b>Electric:</b>	
<b>Adjustability:</b>	Fixed	System power:	250 W
<b>Controllability:</b>	Dimmable	Current:	220-240 V
<b>Safety:</b>	IP20	Safety class:	1
<b>Temperature range:</b>	-40...55 °C	EEL:	A++ - A
<b>Lifetime:</b>	50.000 h at L80B10	UGR:	19.53

### Shape and dimensions:

Height:	575 mm
Diameter:	410 mm
Weight:	9 kg

### Light output 1 (LED 5700K - CRI 80):

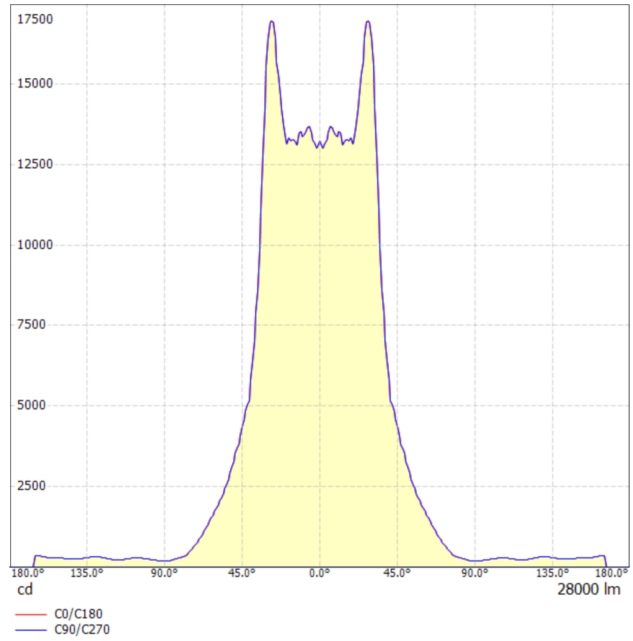
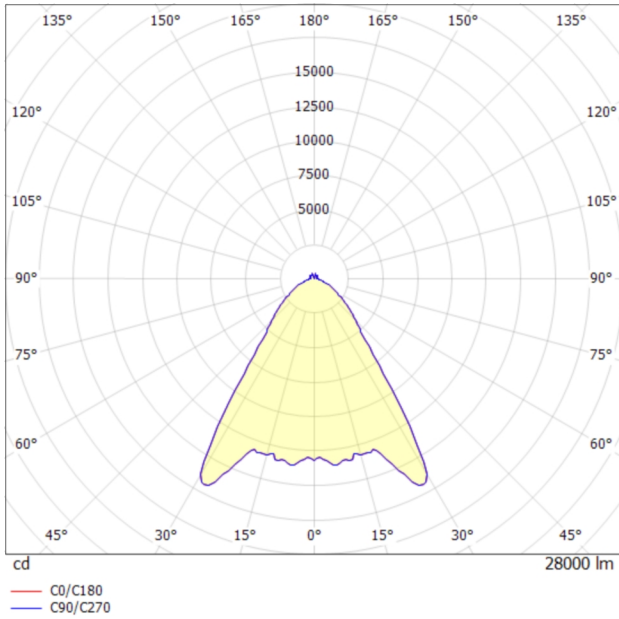
<b>Lamp type:</b>	LED
<b>Lamp power:</b>	250 W
<b>Total luminous flux:</b>	28000 lm
<b>Light efficiency:</b>	112 lm/W
<b>CCT:</b>	5700 K
<b>CRI:</b>	80
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

Technical amendments and errors reserved.

# Data sheet

L711H374+L711HAR5 - High Bay 250 - W - Refl. Polycarbonate + Cover



Distance	Cone diameter	E(0°) E(C0)	36.1°	28000 lm
0.5	0.73	E(0°) E(C0)	36.1°	27308 9278
1.0	1.46	E(0°) E(C0)	36.1°	6827 2320
1.5	2.19	E(0°) E(C0)	36.1°	3034 1031
2.0	2.92	E(0°) E(C0)	36.1°	1707 580
2.5	3.65	E(0°) E(C0)	36.1°	1092 371
3.0	4.38	E(0°) E(C0)	36.1°	759 258

Distance Cone diameter Illuminance  
— C0/C180 (Half-peak divergence: 72.2°)

### Glare evaluation according to UGR

	70	70	50	50	30	70	70	50	50	30	
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room size	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
X	Y										
2H	2H	18.9	19.8	19.2	20.1	20.4	18.9	19.8	19.2	20.1	20.4
2H	3H	19.2	20.0	19.6	20.3	20.7	19.2	20.0	19.6	20.3	20.7
2H	4H	19.2	20.0	19.6	20.4	20.7	19.2	20.0	19.6	20.4	20.7
2H	6H	19.2	19.9	19.6	20.3	20.7	19.2	19.9	19.6	20.3	20.7
2H	8H	19.2	19.9	19.6	20.3	20.7	19.2	19.9	19.6	20.3	20.7
2H	12H	19.2	19.8	19.6	20.3	20.7	19.2	19.8	19.6	20.3	20.7
4H	2H	19.0	19.8	19.4	20.1	20.5	19.0	19.8	19.4	20.1	20.5
4H	3H	19.4	20.0	19.8	20.5	20.9	19.4	20.0	19.8	20.5	20.9
4H	4H	19.5	20.1	20.0	20.5	21.0	19.5	20.1	20.0	20.5	21.0
4H	6H	19.5	20.0	20.0	20.5	21.0	19.5	20.0	20.0	20.5	21.0
4H	8H	19.5	20.0	20.0	20.5	21.0	19.5	20.0	20.0	20.5	21.0
4H	12H	19.5	19.9	20.1	20.4	21.0	19.5	19.9	20.1	20.4	21.0
8H	4H	19.5	19.9	20.0	20.4	20.9	19.5	19.9	20.0	20.4	20.9
8H	6H	19.5	19.9	20.1	20.4	21.0	19.5	19.9	20.1	20.4	21.0
8H	8H	19.6	19.9	20.1	20.4	21.0	19.6	19.9	20.1	20.4	21.0
8H	12H	19.6	19.8	20.2	20.4	21.0	19.6	19.8	20.2	20.4	21.0
12H	4H	19.4	19.8	20.0	20.3	20.9	19.4	19.8	20.0	20.3	20.9
12H	6H	19.5	19.8	20.1	20.3	20.9	19.5	19.8	20.1	20.3	20.9
12H	8H	19.5	19.8	20.1	20.4	21.0	19.5	19.8	20.1	20.4	21.0
Variation of the observer position for the luminaire distances S											
S = 1.0H	+1.9 / -1.3					+1.9 / -1.3					
S = 1.5H	+3.7 / -2.2					+3.7 / -2.2					
S = 2.0H	+5.4 / -3.2					+5.4 / -3.2					
Standard table	BK02					BK02					
Correction summand	2.1					2.1					
Correction glare indices referring to 28000lm total luminous flux											

Status 08.12.2020

Technical amendments and errors reserved.