

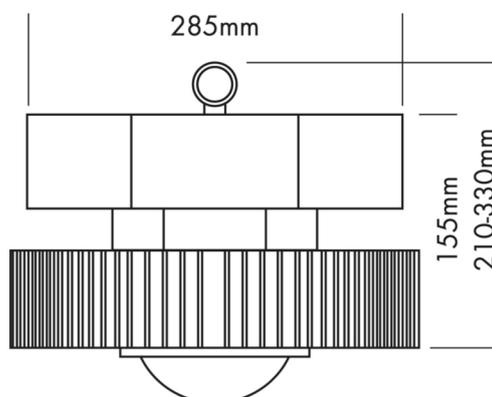
Data sheet

L711H474+L711HAR1 - High Bay 400 - W - Refector Alu 45deg

PROLED[®]

Article name: High Bay 400 - W - Refector Alu 45deg

Article number: L711H474+L711HAR1



Article description:

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

Technical:

Mounting type:	Suspended	Electric:	
Adjustability:	Fixed	System power:	400 W
Controllability:	Dimmable	Current:	220-240 V
Safety:	IP20	Safety class:	1
Temperature range:	-40...55 °C	EEL:	A++ - A
Lifetime:	50.000 h at L80B10	UGR:	18.82

Shape and dimensions:

Height:	585 mm
Diameter:	420 mm
Weight:	11 kg

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

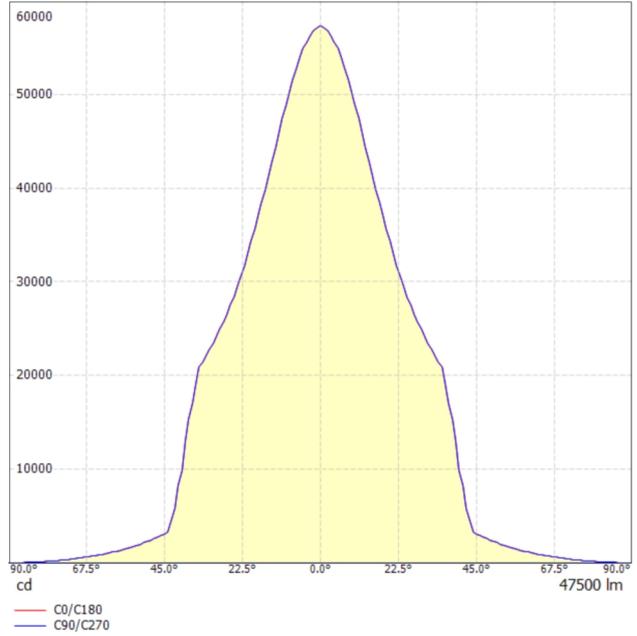
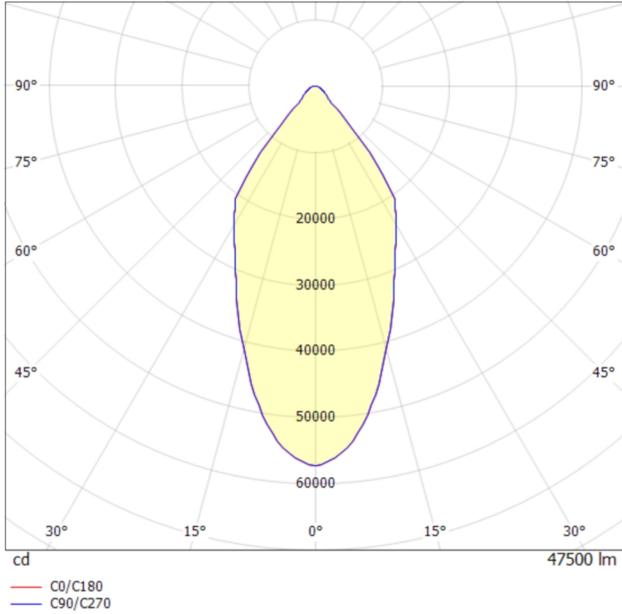
Lamp type:	LED
Lamp power:	400 W
Total luminous flux:	47500 lm
Light efficiency:	118.8 lm/W
CCT:	5700 K
CRI:	80
Light distribution:	(Symmetrical) Medium flood (half value angle 15°...45°)

Status 08.12.2020

Technical amendments and errors reserved.

Data sheet

L711H474+L711HAR1 - High Bay 400 - W - Reflector Alu 45deg



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

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	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
X	Y										
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 47500lm total luminous flux											

Status 08.12.2020

Technical amendments and errors reserved.

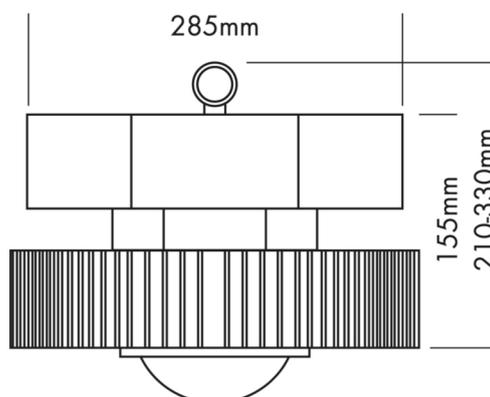
Data sheet

L711H474+L711HAR2 - High Bay 400 - W - Refektor Alu 70deg

PROLED[®]

Article name: High Bay 400 - W - Refektor Alu 70deg

Article number: L711H474+L711HAR2



Article description:

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

Technical:

Mounting type:	Suspended	Electric:	
Adjustability:	Fixed	System power:	400 W
Controllability:	Dimmable	Current:	220-240 V
Safety:	IP20	Safety class:	1
Temperature range:	-40...55 °C	EEL:	A++ - A
Lifetime:	50.000 h at L80B10	UGR:	23.78

Shape and dimensions:

Height:	475 mm
Diameter:	495 mm
Weight:	11 kg

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

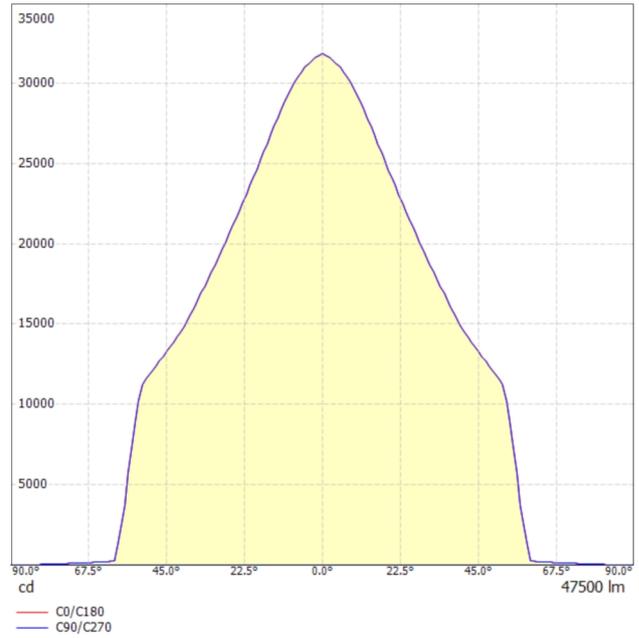
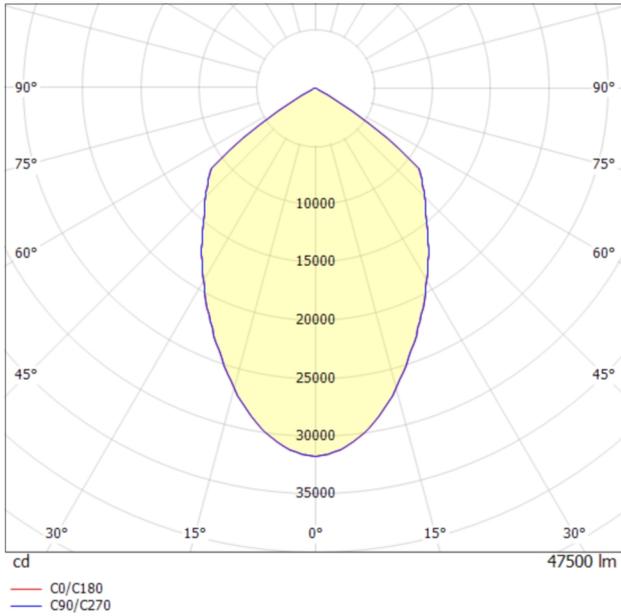
Lamp type:	LED
Lamp power:	400 W
Total luminous flux:	47500 lm
Light efficiency:	118.8 lm/W
CCT:	5700 K
CRI:	80
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

Technical amendments and errors reserved.

Data sheet

L711H474+L711HAR2 - High Bay 400 - W - Refektor Alu 70deg



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

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

Glare evaluation according to UGR

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	2H	24.2	25.2	24.5	25.4	25.6	24.2	25.2	24.5
2H	3H	24.0	24.9	24.3	25.2	25.4	24.0	24.9	24.3	25.2	25.4
2H	4H	24.0	24.8	24.3	25.1	25.3	24.0	24.8	24.3	25.1	25.3
2H	6H	23.9	24.7	24.2	24.9	25.2	23.9	24.7	24.2	24.9	25.2
2H	8H	23.9	24.6	24.2	24.9	25.2	23.9	24.6	24.2	24.9	25.2
2H	12H	23.8	24.5	24.2	24.8	25.1	23.8	24.5	24.2	24.8	25.1
4H	2H	24.1	24.9	24.4	25.2	25.5	24.1	24.9	24.4	25.2	25.5
4H	3H	24.0	24.6	24.3	25.0	25.3	24.0	24.6	24.3	25.0	25.3
4H	4H	23.9	24.5	24.3	24.8	25.2	23.9	24.5	24.3	24.8	25.2
4H	6H	23.8	24.3	24.2	24.7	25.1	23.8	24.3	24.2	24.7	25.1
4H	8H	23.8	24.2	24.2	24.6	25.0	23.8	24.2	24.2	24.6	25.0
4H	12H	23.7	24.2	24.2	24.6	25.0	23.7	24.2	24.2	24.6	25.0
8H	4H	23.8	24.2	24.2	24.6	25.0	23.8	24.2	24.2	24.6	25.0
8H	6H	23.7	24.1	24.1	24.5	24.9	23.7	24.1	24.1	24.5	24.9
8H	8H	23.7	24.0	24.1	24.4	24.9	23.7	24.0	24.1	24.4	24.9
8H	12H	23.6	23.9	24.1	24.4	24.9	23.6	23.9	24.1	24.4	24.9
12H	4H	23.7	24.2	24.2	24.6	25.0	23.7	24.2	24.2	24.6	25.0
12H	6H	23.7	24.0	24.1	24.4	24.9	23.7	24.0	24.1	24.4	24.9
12H	8H	23.6	23.9	24.1	24.4	24.9	23.6	23.9	24.1	24.4	24.9

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 47500lm total luminous flux

Status 08.12.2020

Technical amendments and errors reserved.

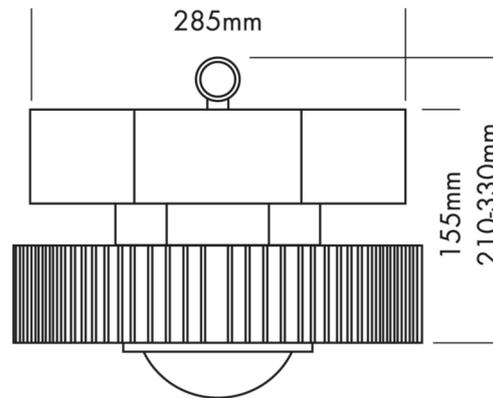
Data sheet

L711H474+L711HAR4 - High Bay 400 - W - Refl. Polycarbonate

PROLED[®]

Article name: High Bay 400 - W - Refl. Polycarbonate

Article number: L711H474+L711HAR4



Article description:

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

Technical:

Mounting type:	Suspended	Electric:	
Adjustability:	Fixed	System power:	400 W
Controllability:	Dimmable	Current:	220-240 V
Safety:	IP20	Safety class:	1
Temperature range:	-40...55 °C	EEL:	A++ - A
Lifetime:	50.000 h at L80B10	UGR:	18.1

Shape and dimensions:

Height:	600 mm
Diameter:	410 mm
Weight:	11 kg

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

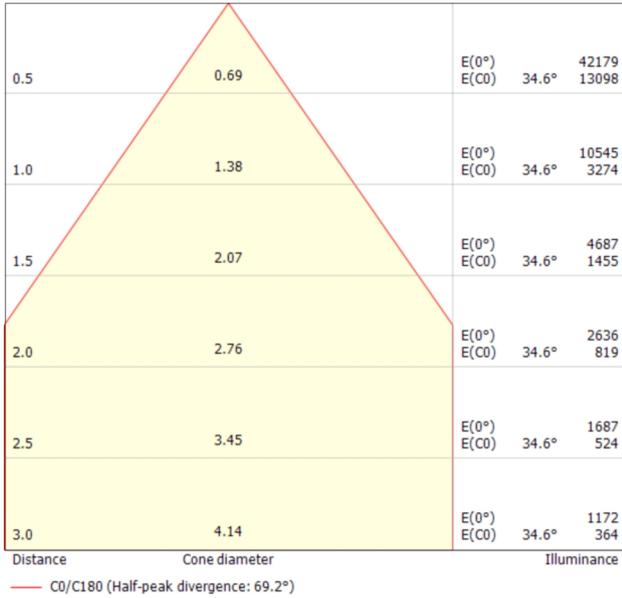
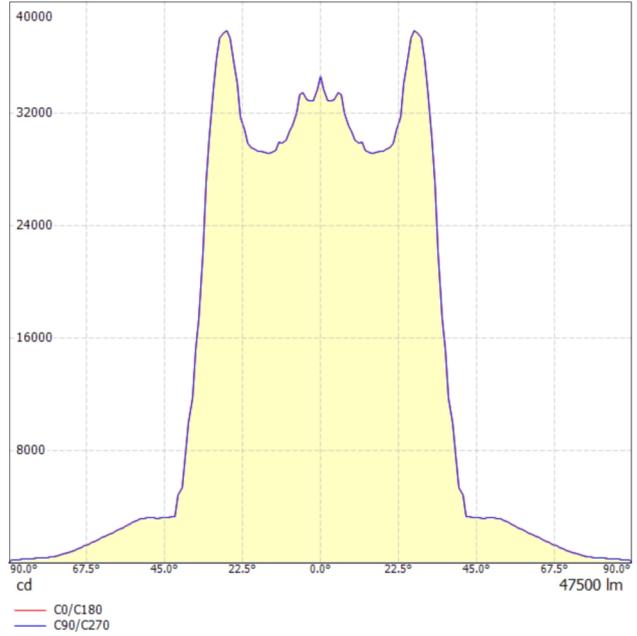
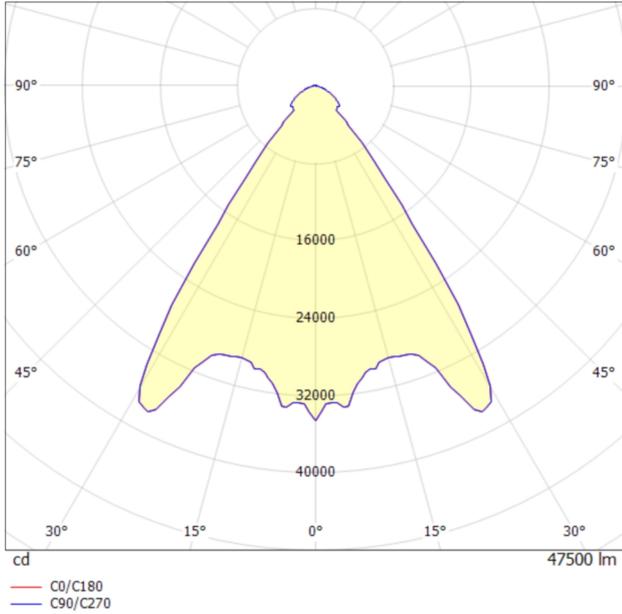
Lamp type:	LED
Lamp power:	400 W
Total luminous flux:	47500 lm
Light efficiency:	118.8 lm/W
CCT:	5700 K
CRI:	80
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

Technical amendments and errors reserved.

Data sheet

L711H474+L711HAR4 - High Bay 400 - W - Refl. Polycarbonate



Glare evaluation according to UGR

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 47500lm total luminous flux

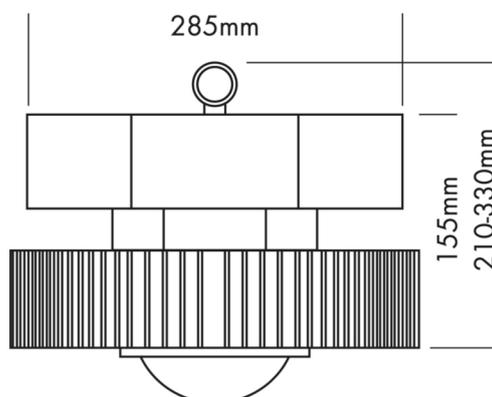
Data sheet

L711H474+L711HAR5 - High Bay 400 - W - Refl. Polycarbonate + Cover

PROLED[®]

Article name: High Bay 400 - W - Refl. Polycarbonate + Cover

Article number: L711H474+L711HAR5



Article description:

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

Technical:

Mounting type:	Suspended	Electric:	
Adjustability:	Fixed	System power:	400 W
Controllability:	Dimmable	Current:	220-240 V
Safety:	IP20	Safety class:	1
Temperature range:	-40...55 °C	EEL:	A++ - A
Lifetime:	50.000 h at L80B10	UGR:	19.53

Shape and dimensions:

Height:	600 mm
Diameter:	410 mm
Weight:	11 kg

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

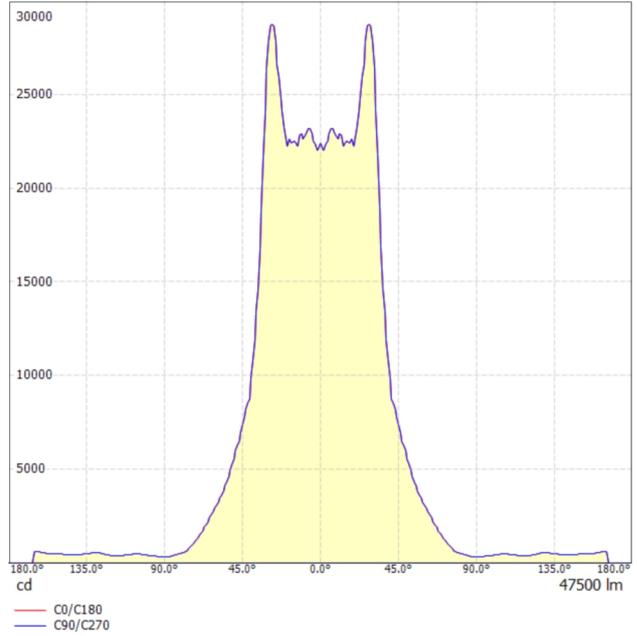
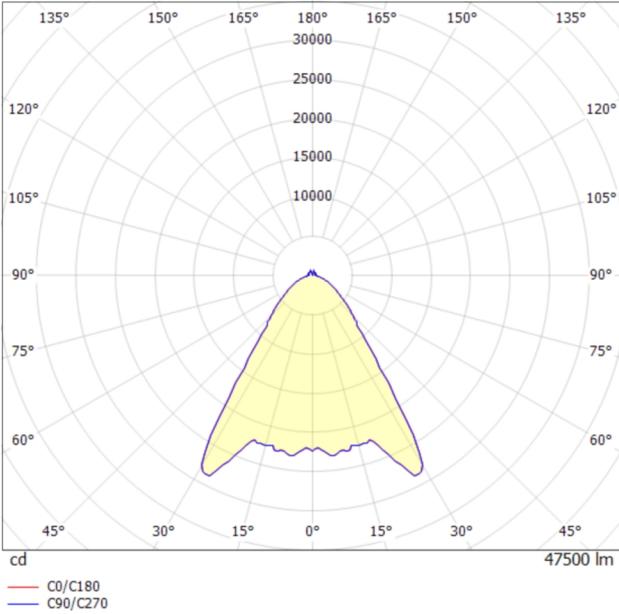
Lamp type:	LED
Lamp power:	400 W
Total luminous flux:	47500 lm
Light efficiency:	118.8 lm/W
CCT:	5700 K
CRI:	80
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

Technical amendments and errors reserved.

Data sheet

L711H474+L711HAR5 - High Bay 400 - W - Refl. Polycarbonate + Cover



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

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
p Ceiling	70	70	50	50	30	70	70	50	50	30
p Walls	50	30	50	30	30	50	30	50	30	30
p 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	2H	18.9	19.8	19.2	20.1	20.4	18.9	19.8	19.2
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 47500lm total luminous flux

Status 08.12.2020

Technical amendments and errors reserved.