

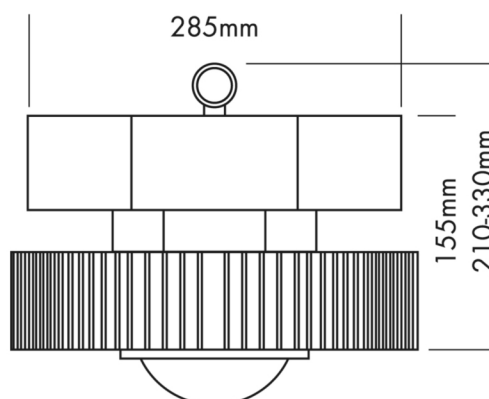
Data sheet

L711H288+L711HAR1 - High Bay 160 - NW - reflector Alu 45deg

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Article name: High Bay 160 - NW - reflector Alu 45deg

Article number: L711H288+L711HAR1



Article description:

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

Technical:

Mounting type: Suspended

Adjustability: Fixed

Controllability: Dimmable

Safety: IP20

Temperature range: -40...55 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 160 W

Current: 220-240 V

Safety class: 1

EEL: A++ - A

UGR: 18.82

Shape and dimensions:

Height: 465 mm

Diameter: 420 mm

Weight: 5.5 kg

Light output 1 (LED 4000K - CRI 80):

Lamp type: LED

Lamp power: 160 W

Total luminous flux: 17000 lm

Light efficiency: 106.2 lm/W

CCT: 4000 K

CRI: 80

Light distribution: (Symmetrical) Medium flood (half value angle 15°...45°)

Status 08.12.2020

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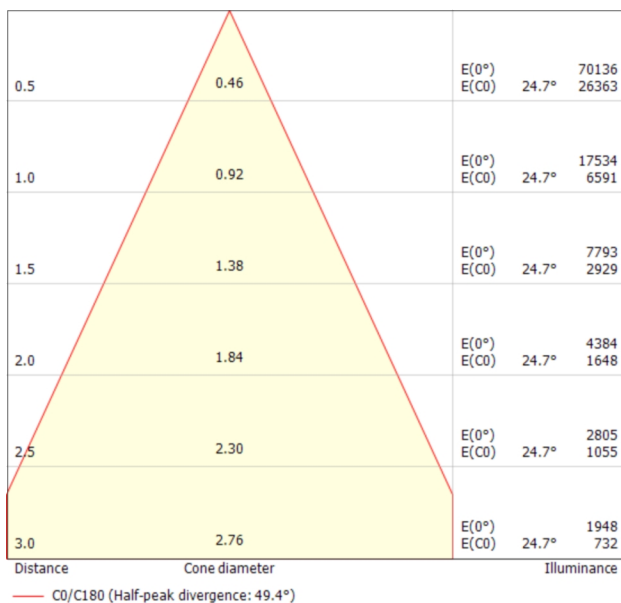
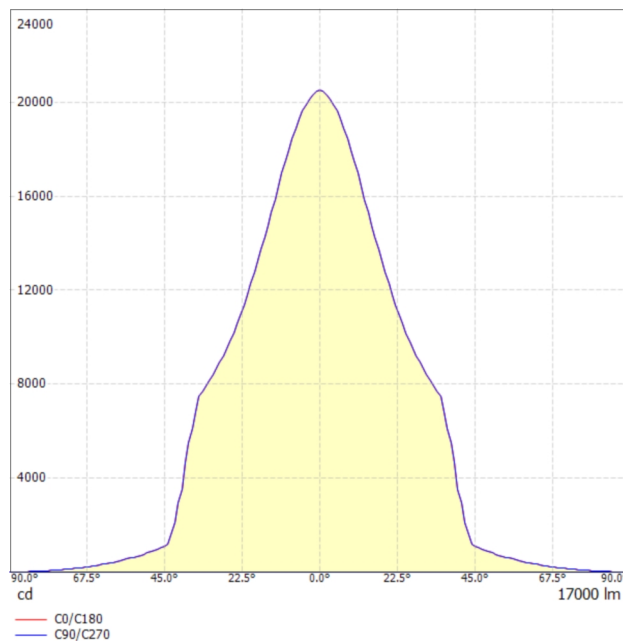
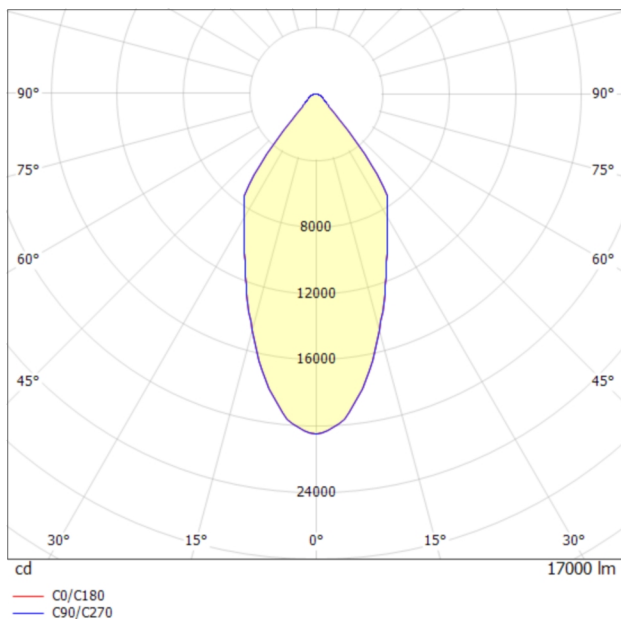
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Data sheet

L711H288+L711HAR1 - High Bay 160 - NW - reflector Alu 45deg

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Glare evaluation according to UGR

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		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 17000lm total luminous flux											

Status 08.12.2020

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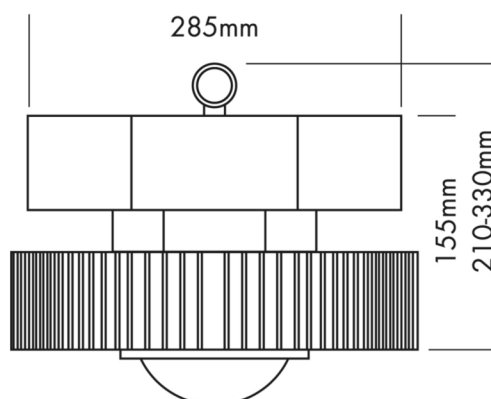
Data sheet

L711H288+L711HAR2 - High Bay 160 - NW - Reflektor Alu 70deg

PROLED®

Article name: High Bay 160 - NW - Reflektor Alu 70deg

Article number: L711H288+L711HAR2



Article description:

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

Technical:

Mounting type: Suspended

Adjustability: Fixed

Controllability: Dimmable

Safety: IP20

Temperature range: -40...55 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 160 W

Current: 220-240 V

Safety class: 1

EEL: A++ - A

UGR: 23.78

Shape and dimensions:

Height: 355 mm

Diameter: 495 mm

Weight: 5.5 kg

Light output 1 (LED 4000K - CRI 80):

Lamp type: LED

Lamp power: 160 W

Total luminous flux: 17000 lm

Light efficiency: 106.2 lm/W

CCT: 4000 K

CRI: 80

Light distribution: (Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

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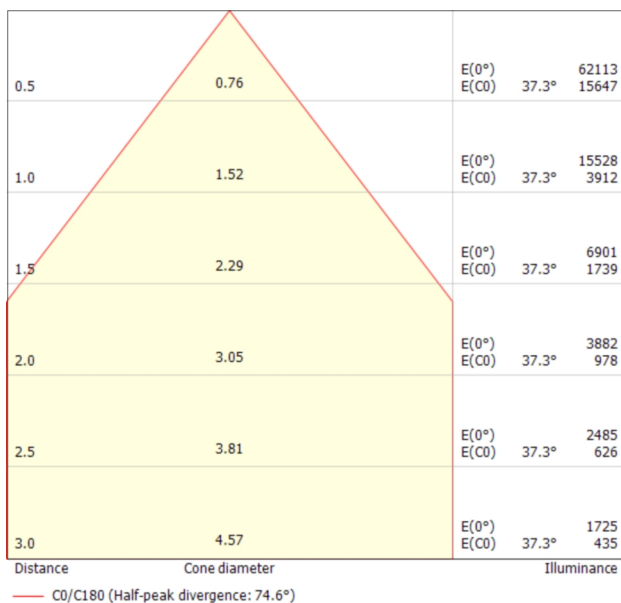
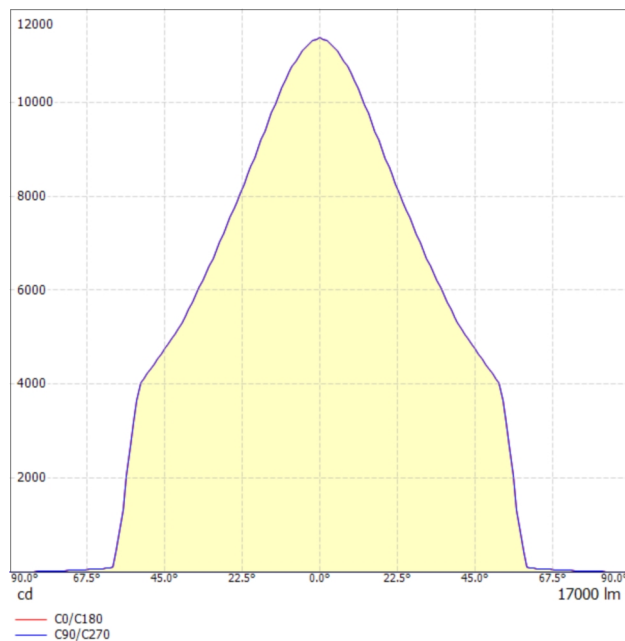
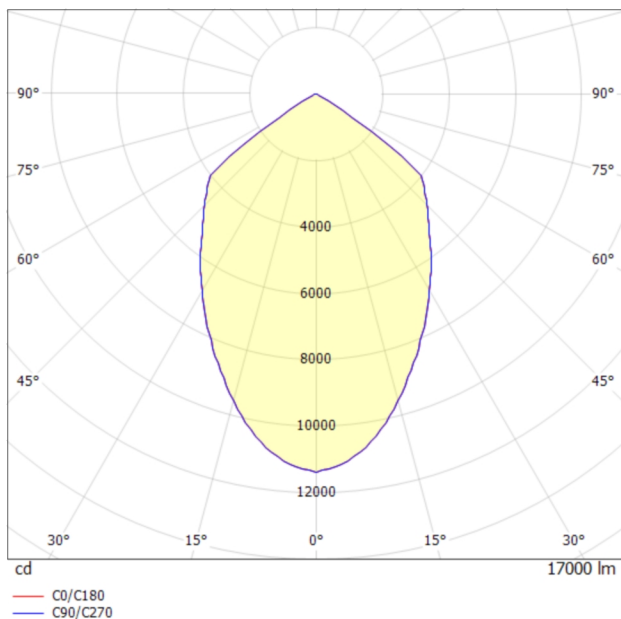
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Data sheet

L711H288+L711HAR2 - High Bay 160 - NW - Reflektor Alu 70deg

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Glare evaluation according to UGR

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	3H	4H	6H	8H	2H	3H	4H	6H	8H
2H	2H	24.2	25.2	24.5	25.4	25.6	24.2	25.2	24.5	25.4	25.6
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 17000lm total luminous flux

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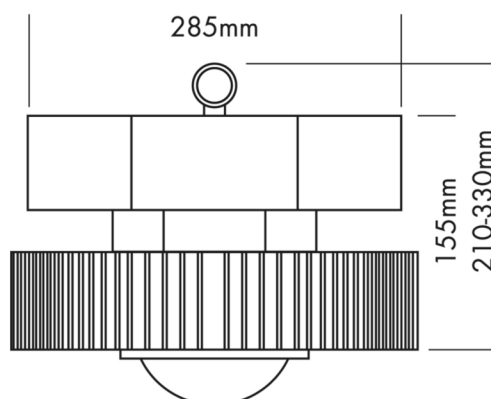
Data sheet

L711H288+L711HAR4 - High Bay 160 - NW - Refl. Polycarbonate

PROLED®

Article name: High Bay 160 - NW - Refl. Polycarbonate

Article number: L711H288+L711HAR4



Article description:

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

Technical:

Mounting type: Suspended

Adjustability: Fixed

Controllability: Dimmable

Safety: IP20

Temperature range: -40...55 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 160 W

Current: 220-240 V

Safety class: 1

EEL: A++ - A

UGR: 18.1

Shape and dimensions:

Height: 480 mm

Diameter: 410 mm

Weight: 5.5 kg

Light output 1 (LED 4000K - CRI 80):

Lamp type: LED

Lamp power: 160 W

Total luminous flux: 17000 lm

Light efficiency: 106.2 lm/W

CCT: 4000 K

CRI: 80

Light distribution: (Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

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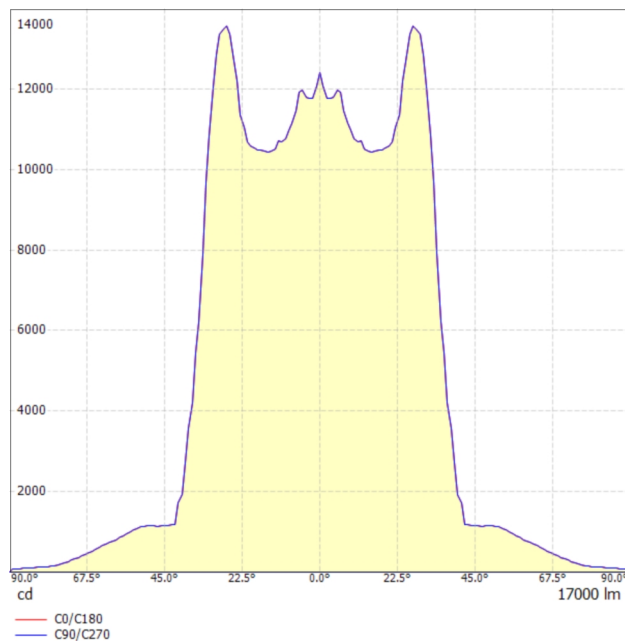
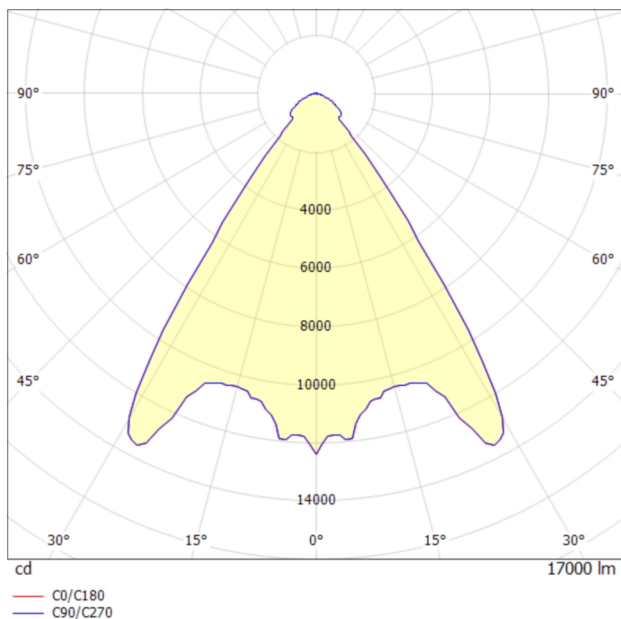
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Data sheet

L711H288+L711HAR4 - High Bay 160 - NW - Refl. Polycarbonate

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

Distance Cone diameter Illuminance

— C0/C180 (Half-peak divergence: 69.2°)

Glare evaluation according to UGR

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	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 17000lm total luminous flux											

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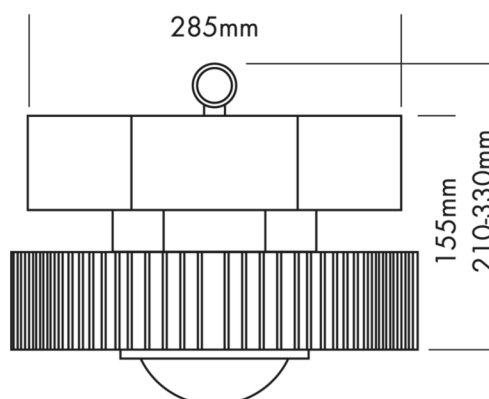
Data sheet

L711H288+L711HAR5 - High Bay 160 - NW - Refl. Polycarbonate + Cover

PROLED®

Article name: High Bay 160 - NW - Refl. Polycarbonate + Cover

Article number: L711H288+L711HAR5



Article description:

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

Technical:

Mounting type: Suspended

Adjustability: Fixed

Controllability: Dimmable

Safety: IP20

Temperature range: -40...55 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 160 W

Current: 220-240 V

Safety class: 1

EEL: A++ - A

UGR: 19.53

Shape and dimensions:

Height: 480 mm

Diameter: 410 mm

Weight: 5.5 kg

Light output 1 (LED 4000K - CRI 80):

Lamp type: LED

Lamp power: 160 W

Total luminous flux: 17000 lm

Light efficiency: 106.2 lm/W

CCT: 4000 K

CRI: 80

Light distribution: (Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

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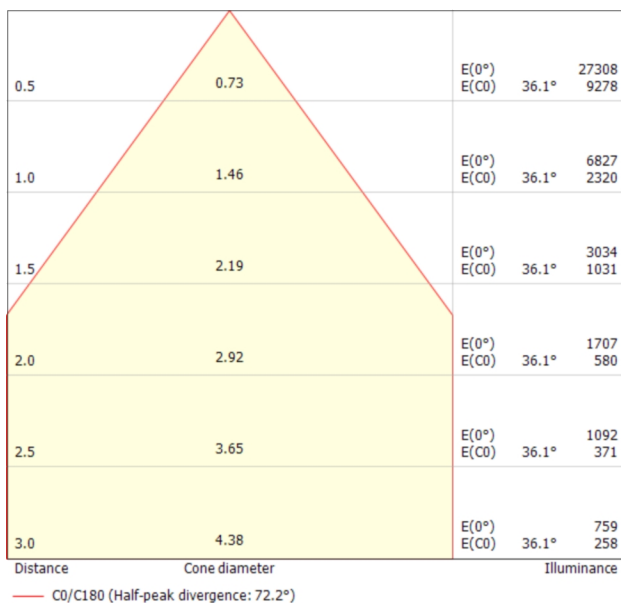
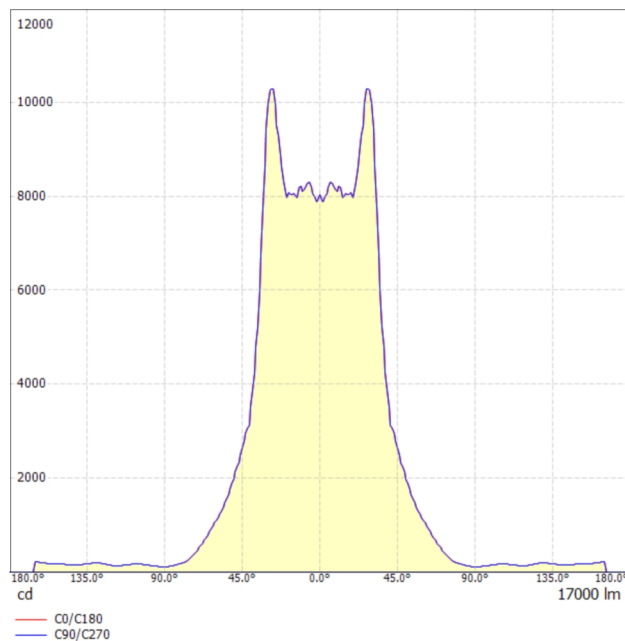
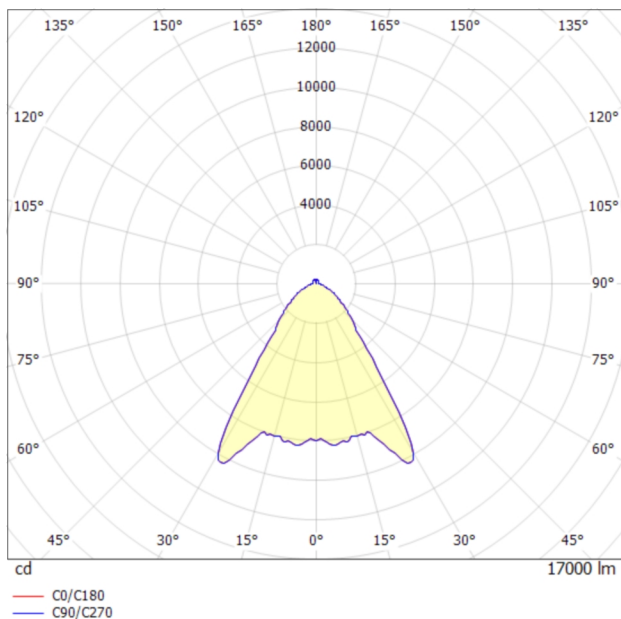
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Data sheet

L711H288+L711HAR5 - High Bay 160 - NW - Refl. Polycarbonate + Cover

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Glare evaluation according to UGR

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		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 17000lm total luminous flux											

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Technical amendments and errors reserved.

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