

TORQUE

SUSPENSION

TYPE:

PROJECT NAME:



SPECIFICATION SHEET

Luminart®

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TORQUE

SUSPENSION

TYPE:

PROJECT NAME:



Material:

PET Felt (polyethylene terephthalate)
Fireclass: EN13501-1 Class B

Fixture:

1.5m black textile cable
Black ceiling cap

Lighting properties:



Integrated LED
6W | 400lm



Dimmable



2700 | 3000K | 4000K



IP20

Acoustic properties:

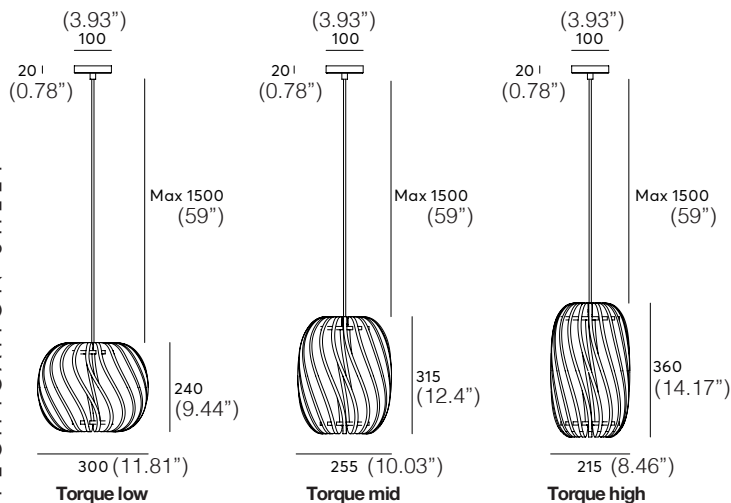


0.42 m² of acoustic absorption
material of α_w 0.45



Diffusion by design

Dimensions:



Mounting:



SPECIFICATION SHEET

TORQUE

SUSPENSION

TYPE:

PROJECT NAME:

Colors:



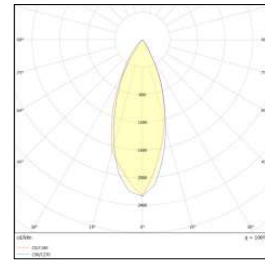
Light source specifications:



LED power:	6W
Connection voltage:	120V AC
Luminous Flux: 2700K/3000K/4000K	370lm / 400lm / 480lm
Life time:	L70/B50 44.000h
Driver:	Included Integrated
Power factor: 2700K/3000K/4000K	62lm/W 66lm/W 80lm/W
Beam of light:	40°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra >80
UGR:	<17
Operating temperature:	-20 ~ +45

Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

Torque is designed to function as an acoustic spotlight. It can be used individually or combined in various configurations, and even clustered with its larger counterpart, Twist XL. Grouping multiple units increases the sound-absorbing mass, enhancing the overall acoustic impact in the space.

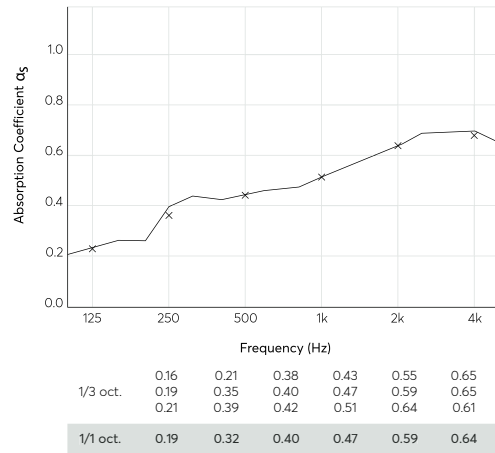
Calculated acoustic surface area: 0.42 m²

aw (ISO 11654) = 0.45

SAA (ASTM - C423) = 0.45

Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room



SPECIFICATION SHEET

ORDERING INFO

Model (Order Code)	Finish	LED	Driver Options
<input type="radio"/> Torque low		<input type="radio"/> 2700K	<input type="radio"/> 120V Phase Dimming
<input type="radio"/> Torque mid		<input type="radio"/> 3000K	<input type="radio"/> 120V 0-10V Dimming
<input type="radio"/> Torque high		<input type="radio"/> 4000K	<input type="radio"/> 277V 0-10V Dimming



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TORQUE XL

SUSPENSION

TYPE:

PROJECT NAME:



Material:

PET Felt (polyethylene terephthalate)
Fireclass: EN13501-1 Class B

Fixture:

1.5m black textile cable
Black ceiling cap

Lighting properties:



Integrated LED
9W | 500lm



Dimmable



CCT 2700 | 3000K | 4000K



IP20

Acoustic properties:

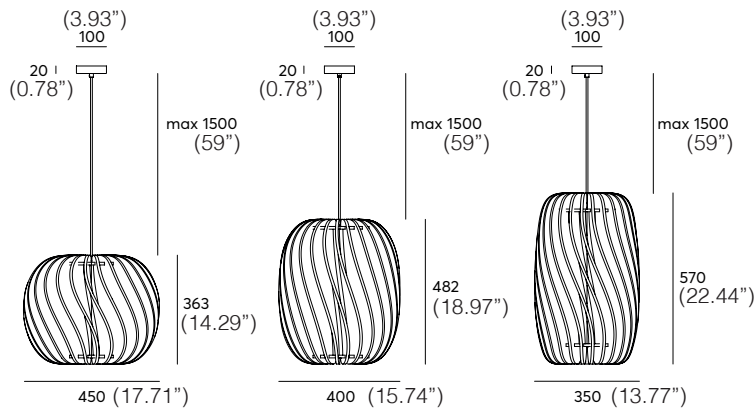


1.2 m² of acoustic absorption
material of aw 0.45



Diffusion by design

Dimensions:



Mounting:



SPECIFICATION SHEET

Torque XL low

Torque XL mid

Torque XL high

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TORQUE XL

SUSPENSION

TYPE:

PROJECT NAME:

Colors:



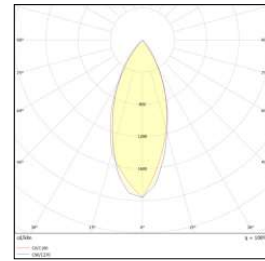
Light source specifications:



LED power:	9W
Connection voltage:	120V AC
Luminous Flux: 2700K/3000K/4000K	460lm / 500lm / 500lm
Life time:	L70/B50 44.000h
Driver:	Included Integrated
Power factor: 2700K/3000K/4000K	52lm/W 60lm/W 60lm/W
Beam of light:	40°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra >80
UGR:	<17
Operating temperature:	-20 ~ +45

Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle

Torque XL is designed to function as an acoustic spotlight. It can be arranged in various configurations and clustered with its smaller counterpart, Twist. By combining multiple units, the total sound-absorbing mass increases, resulting in greater acoustic impact and improved sound comfort.

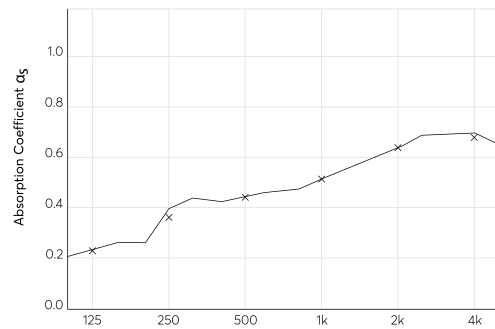
Calculated acoustic surface area: 1.2 m2

aw (ISO 11654) = 0.45

SAA (ASTM - C423) = 0.45

Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room



	0.16	0.21	0.38	0.43	0.55	0.65
1/3 oct.	0.19	0.35	0.40	0.47	0.59	0.65
	0.21	0.39	0.42	0.51	0.64	0.61
1/1 oct.	0.19	0.32	0.40	0.47	0.59	0.64

SPECIFICATION SHEET

ORDERING INFO

Model (Order Code)	Finish	LED	Driver Options
<input type="radio"/> Torque XL low		<input type="radio"/> 2700K	<input type="radio"/> 120V Phase Dimming
<input type="radio"/> Torque XL mid		<input type="radio"/> 3000K	<input type="radio"/> 120V 0-10V Dimming
<input type="radio"/> Torque XL high		<input type="radio"/> 4000K	<input type="radio"/> 277V 0-10V Dimming

