

canolight

canolight
Canadian Brightness



Magnetic Track Lights V3

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www.canolight.ca

Magnetic Track Lights
Standard | Curvy | Ultra Slim
Series



At Canolight we provide our customers with quality, energy-efficient lighting solutions, and services. With years of experience in the lighting industry and a team of skilled professionals, we have supplied top-notch lighting equipment for a wide range of applications, including residential, commercial, industrial, hotels, retail shops, resorts, restaurants, cafes, facades and outdoor spaces. We ensure our products meet all necessary approvals, safety standards and certifications in both Canada and the United States.

Along with top-of-the-line lighting equipment, we also provide professional lighting design services. Our expert team uses advanced design software to calculate and simulate interior and exterior spaces for optimal lighting solutions. A 3-D lighting design and simulation service is also available to our customers, so they can visualize the lighting in their space and make necessary adjustments before the installation process begins. This ensures that our customers are fully satisfied with the outcome.

Magnet track lights are easily installed and movable, allowing for versatile use in lighting systems across various environments.

Canolight magnetic lights system integrates magnetic and rail lights with a 24-volt power source, which can be incorporated as recessed, surface-mounted, or suspended from ceilings and walls, depending on the intended use. Spotlights, linear lights, pendant lights, wall washers, and numerous other lighting options offer three layers of illumination, including general, accent, and task lighting. The lights can be effortlessly installed on the rail, allowing the ambiance to be customized as the layout evolves.

The aluminum rails are produced with powder coating in lengths of one, two, and three meters with copper strings that are isolated inside the profile, transmitting voltage throughout the rail. The magnet, responsible for securing the light in the profile groove, ensures uniform and secure connection of copper strings to the light heads.

Featuring diverse body colors and color temperatures, these lights empower designers to create distinct layers of light. This lighting approach establishes a versatile platform ready to accommodate various types of lights.



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Magnet Durability

The magnet we use is NdFeB rare-earth permanent magnet, it's the most powerful magnet on the earth. The model is N35, 3600 (+-10%) Gauss, Working temperature up to 80°C, Curie temperature is 240°C (failure at this temperature).

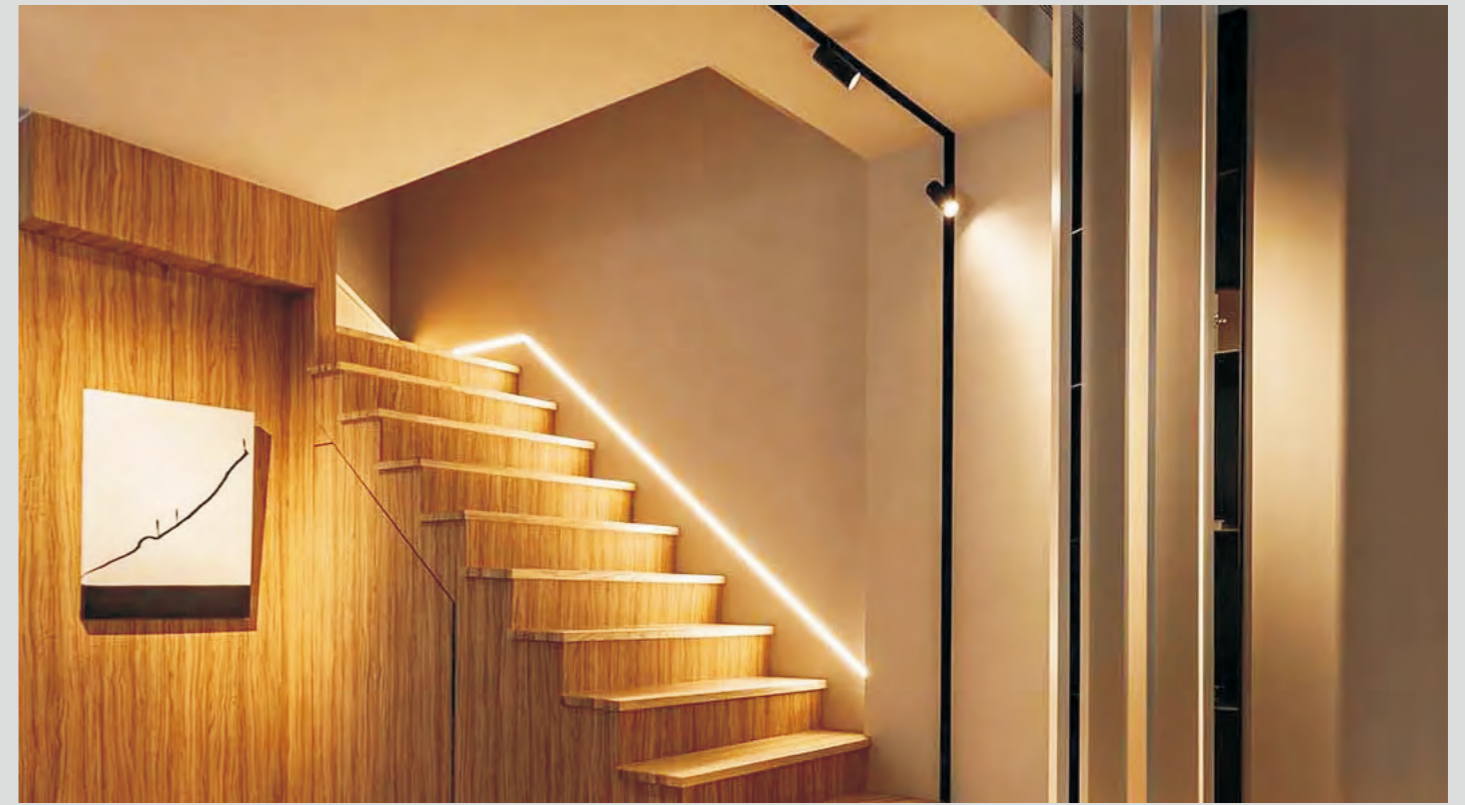
Perfect Surface Treatment

The surface treatment offers perfect strong adhesion finishing to protect the fixtures from moisture. In addition, the strong corrosion resistance and good heat conduction and dissipations ensure the fixtures effectiveness. The coating is with special powder to ensure the flawless finishing.

NdFeB N35 rare-earth permanent magnet,
3600 (+-10%) Gauss



Excellent powder coating

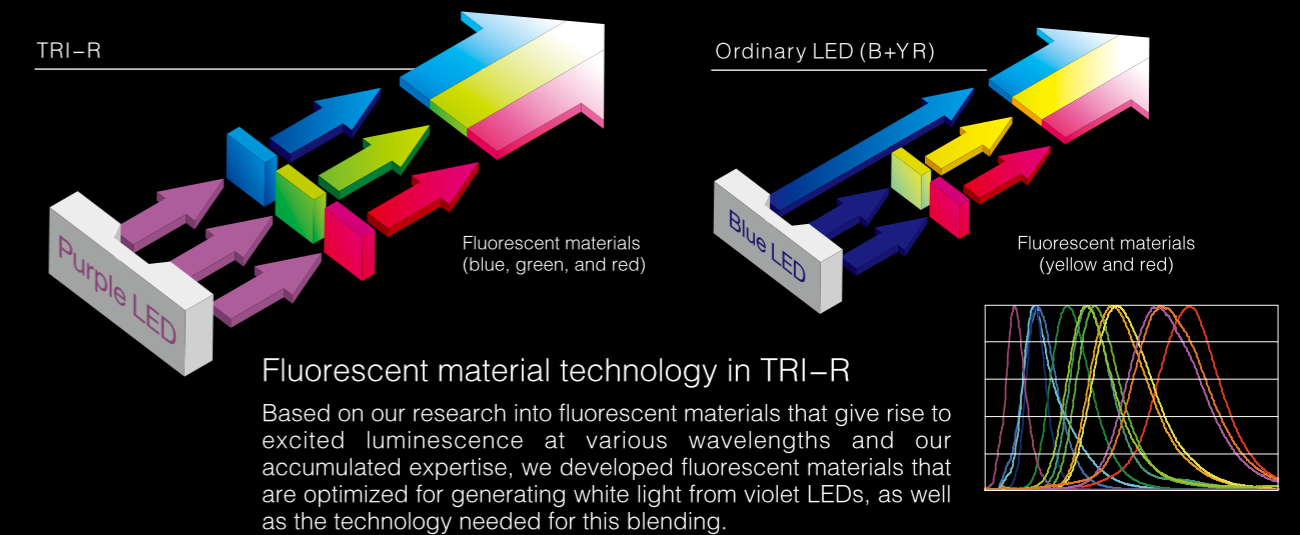




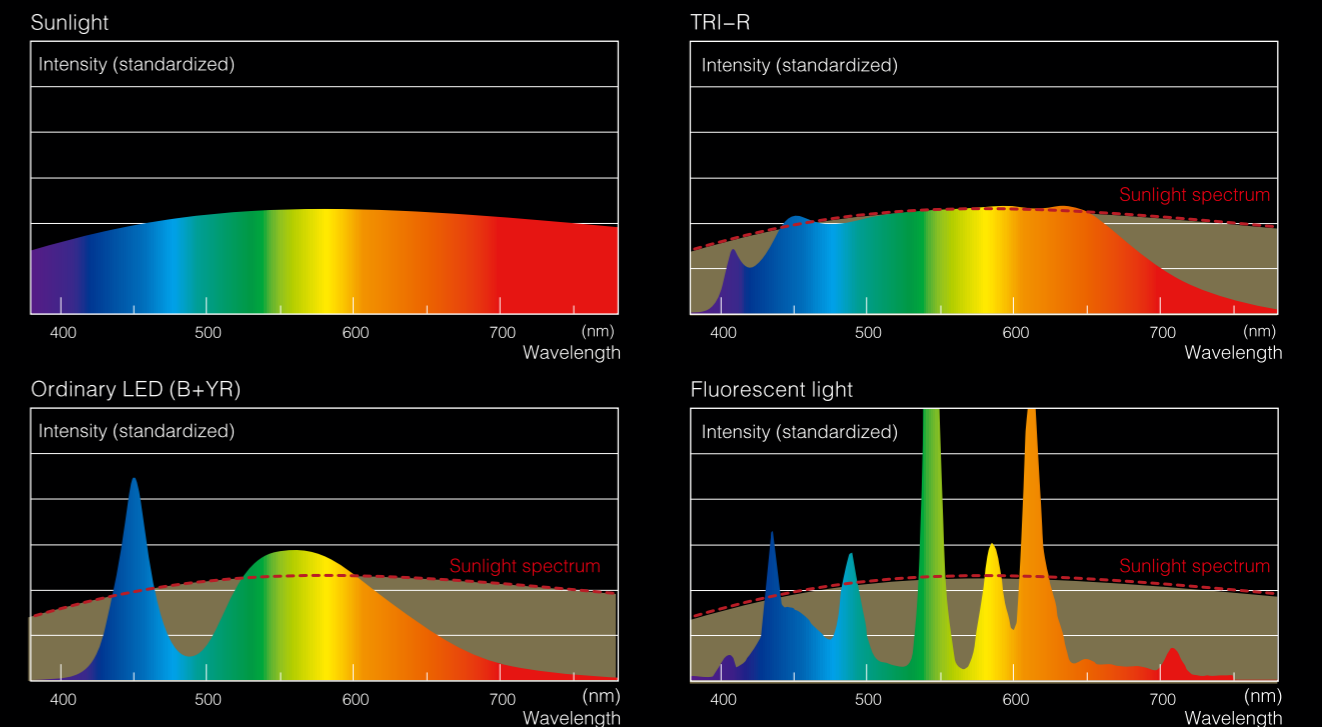
TRI-R, a next-generation LED spectrum technology

TRI-R light-emission principles

The light from an ordinary white LED is created from the combination of light emitted from a blue LED and light emitted by exciting fluorescent materials. But with TRI-R, virtually all of the excitation light from a violet LED is converted into light emitted from fluorescent materials, which results in a natural and continuous spectrum that is very close to that of sunlight, one that does not have excessive peaks or deficiencies at specific wavelengths.

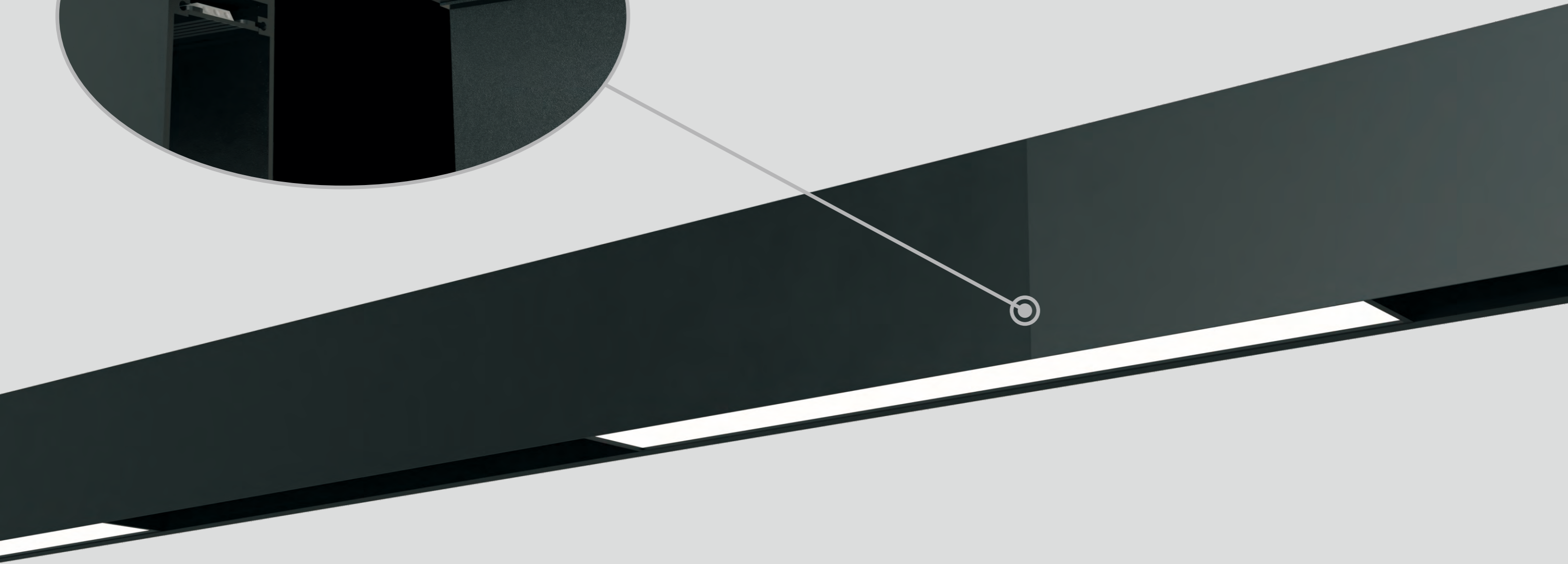
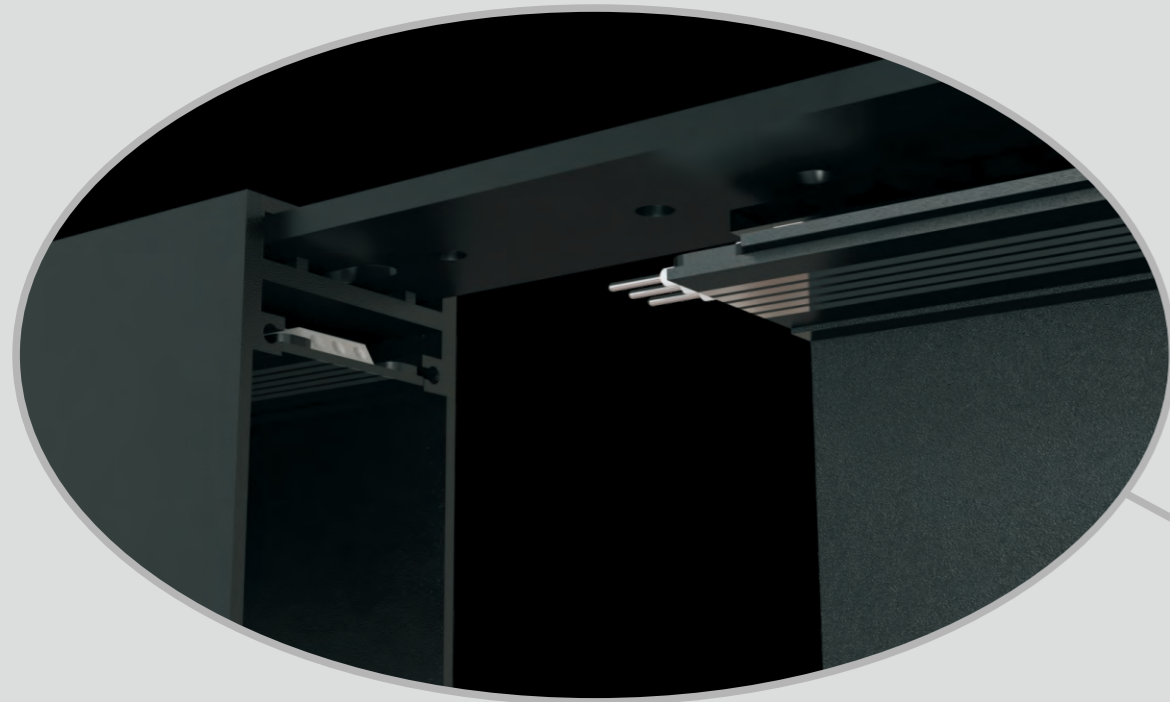


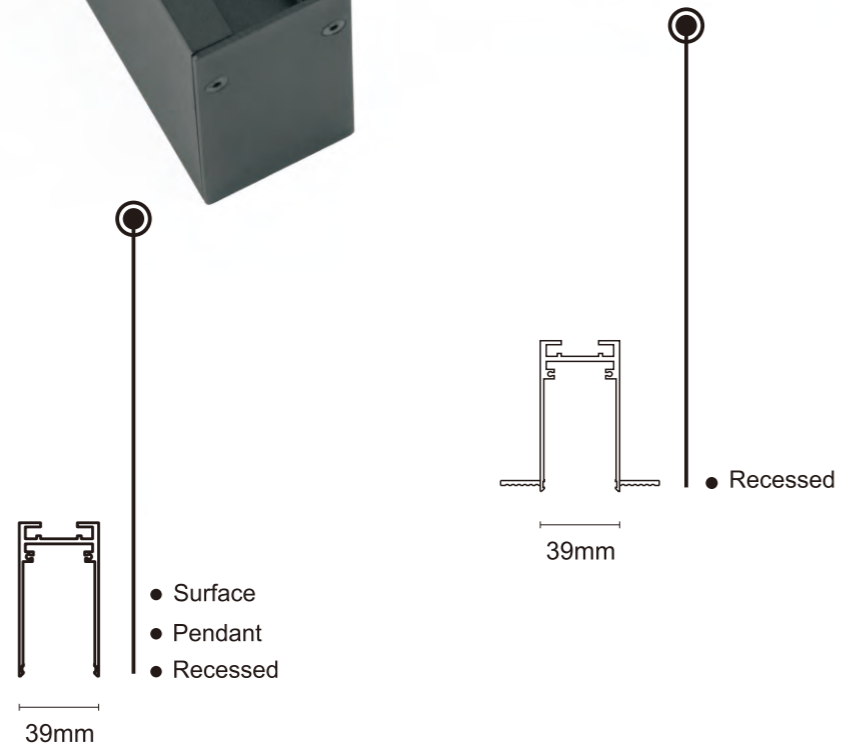
Spectral comparison of 5000 K color temperature



Light closest to that of the sun

Seamless connection





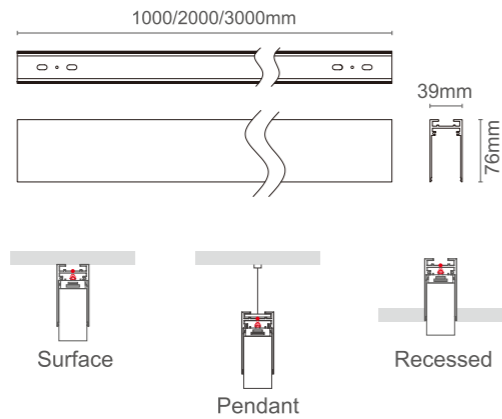
STANDARD

series



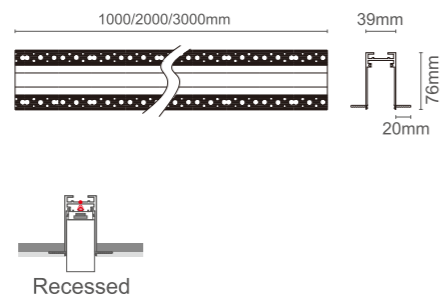
Model	Power	Install	Length
CL-TrackS-B-1m	200Wmax	Surface/Pendant/Recessed	1000mm
CL-TrackS-B-2m	200Wmax	Surface/Pendant/Recessed	2000mm
CL-TrackS-B-3m	200Wmax	Surface/Pendant/Recessed	3000mm

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze



Model	Power	Install	Length
CL-TrackR-1m	200W max	Recessed	1000mm
CL-TrackR-2m	200W max	Recessed	2000mm
CL-TrackR-3m	200W max	Recessed	3000mm

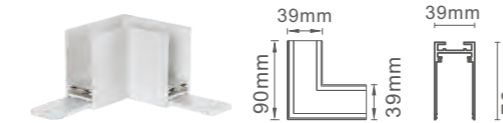
■ Sandy Black □ Sandy White ■ Golden ■ Black bronze



CORNER

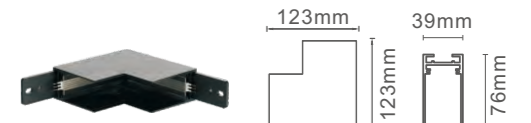
CL-TrackS-L

■ Sandy Black □ Sandy White



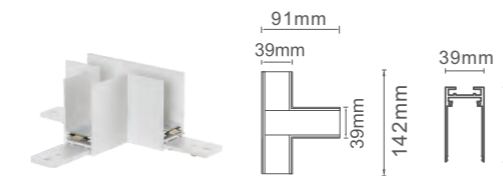
CL-TrackS-L-Inner

■ Sandy Black □ Sandy White



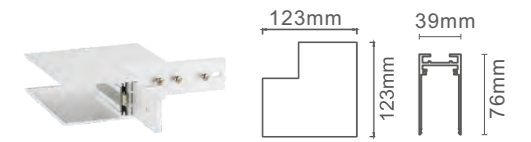
CL-TrackS-L-T

■ Sandy Black □ Sandy White



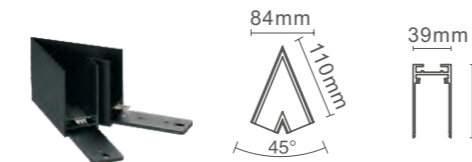
CL-TrackS-L-Outer

■ Sandy Black □ Sandy White



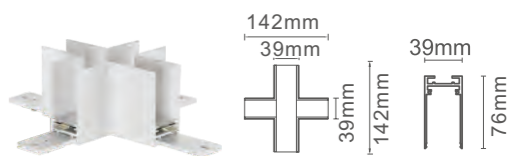
CL-TrackS-L-45D

■ Sandy Black □ Sandy White



CL-TrackS-L-CROSS

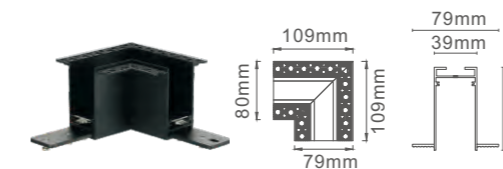
■ Sandy Black □ Sandy White



RECESSED CORNERS

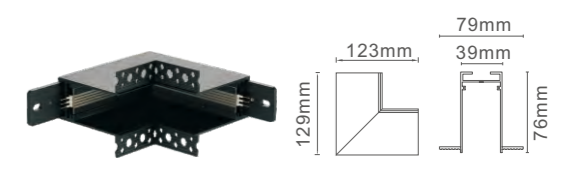
CL-TrackR-L

■ Sandy Black □ Sandy White



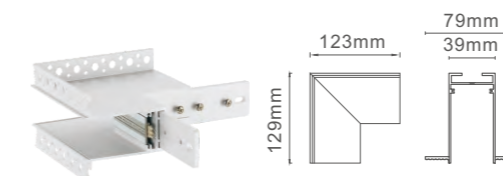
CL-TrackR-L-Inner

■ Sandy Black □ Sandy White



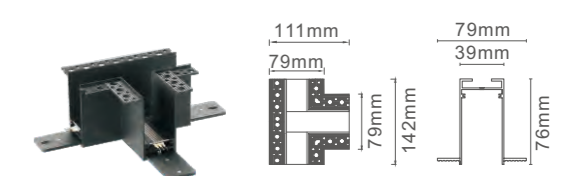
CL-TrackR-L-Outer

■ Sandy Black □ Sandy White



CL-TrackR-L-T

■ Sandy Black □ Sandy White

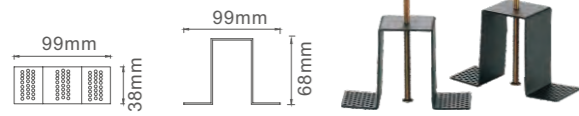


ACCESSORIES

CL-Recessed kit

Recess mounting kit for magnetic track.

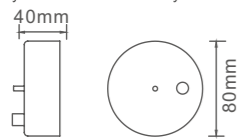
■ Sandy Black □ Sandy White



CL-Pendant kit-A

Available in 1.20 or 3.00 meters with electrical wire.

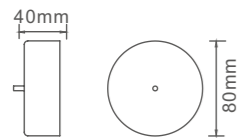
■ Sandy Black □ Sandy White



CL-Pendant kit-B

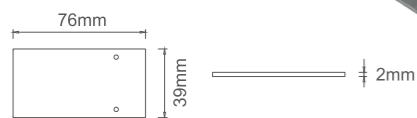
Available in 1.20 or 3.00 meters.

■ Sandy Black □ Sandy White



CL-End cap

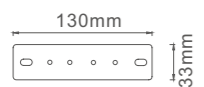
■ Sandy Black □ Sandy White



CL-Track Connector

Profile connection

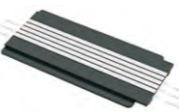
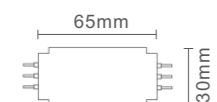
■ Sandy Black □ Sandy White



CL-Power plate 65mm

Electric connection, with 3 pins.

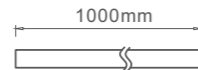
■ Sandy Black □ Sandy White



CL-Track cover

Track cover 1 meter

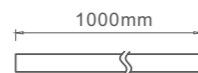
■ Sandy Black □ Sandy White



CL-Track cover-R

Track cover 1 meter

■ Sandy Black □ Sandy White



CL-Pin3

Pin connector for electric connection

□ Sandy White



CL-New Surface mounted kits

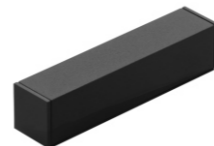
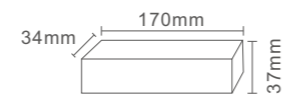
New surface mounted for magnet track.

■ Sandy Black □ Sandy White



CL-Bridge

■ Sandy Black □ Sandy White



CL-Jbox cover

■ Sandy Black □ Sandy White



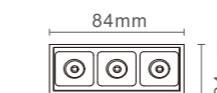
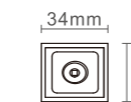
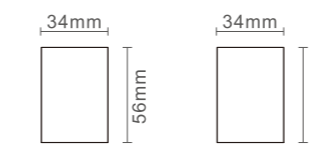
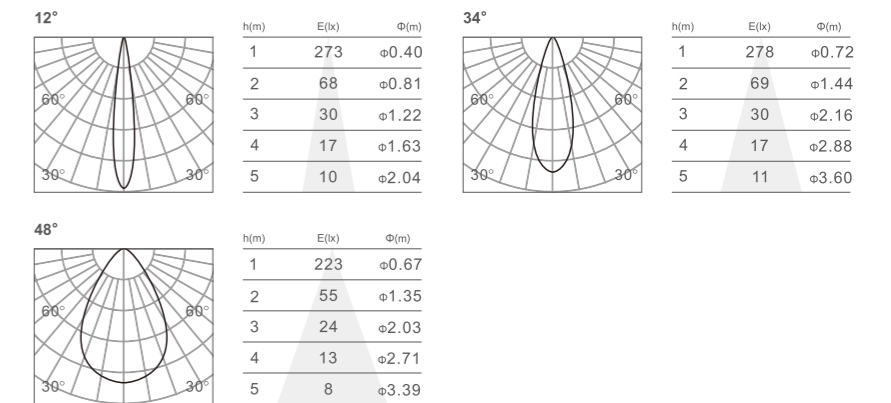
CL-DOT01



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
2W	> 90	< 3	3000K 2700K 4000K	12° 34° 48°	126Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION
3000K 90Ra



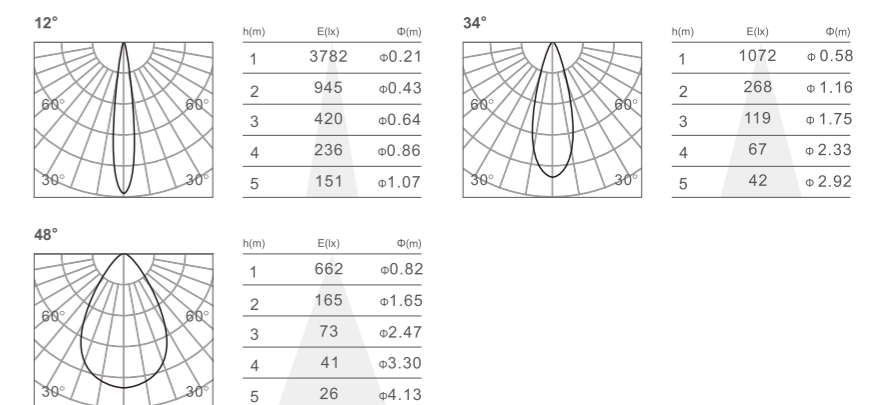
CL-DOT03



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
4W	> 90	< 3	3000K 2700K 4000K	12° 34° 48°	382Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION
3000K 90Ra





CL-DOT06

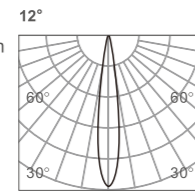
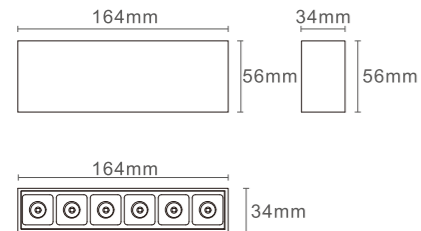


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90	< 3	3000K	12°	733Lm
			2700K	34°	
			4000K	48°	

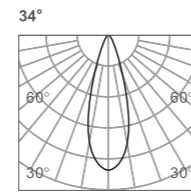
■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

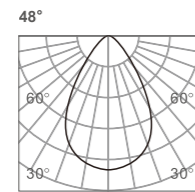
3000K 90Ra



h(m)	E(lx)	Φ(m)
1	5723	φ0.21
2	1431	φ0.42
3	635	φ0.63
4	357	φ0.84
5	228	φ1.05



h(m)	E(lx)	Φ(m)
1	1807	φ0.63
2	451	φ1.26
3	200	φ1.89
4	112	φ2.52
5	72	φ3.15



h(m)	E(lx)	Φ(m)
1	1287	φ0.79
2	321	φ1.58
3	143	φ2.37
4	80	φ3.16
5	51	φ3.95

CL-DOT12

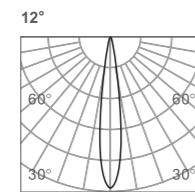
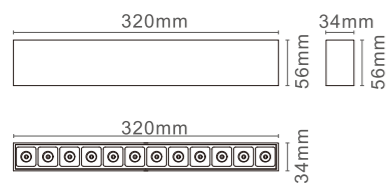


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
16W	> 90	< 3	3000K	12°	1440Lm
			2700K	34°	
			4000K	48°	

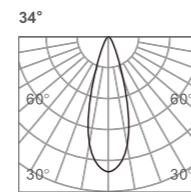
■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

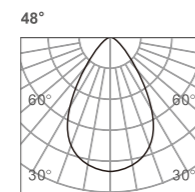
3000K 90Ra



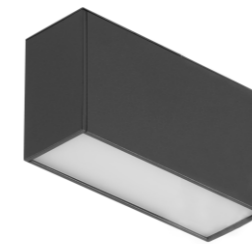
h(m)	E(lx)	Φ(m)
1	11430	φ0.21
2	2857	φ0.42
3	1270	φ0.63
4	714	φ0.85
5	457	φ1.06



h(m)	E(lx)	Φ(m)
1	3545	φ0.62
2	886	φ1.25
3	393	φ1.88
4	221	φ2.51
5	141	φ3.14



h(m)	E(lx)	Φ(m)
1	2773	φ0.79
2	693	φ1.58
3	308	φ2.37
4	173	φ3.16
5	110	φ3.95



CL-Linear08

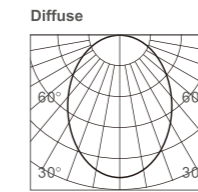
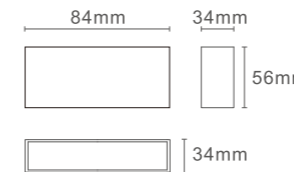


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
4W	> 90	< 3	3000K	Diffuse	223Lm
			2700K		
			4000K		

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



h(m)	E(lx)	Φ(m)
1	88	φ2.38
2	22	φ4.77
3	9	φ7.16
4	5	φ9.55
5	3	φ11.94

CL-Linear16

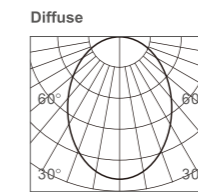


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
7W	> 90	< 3	3000K	Diffuse	488Lm
			2700K		
			4000K		

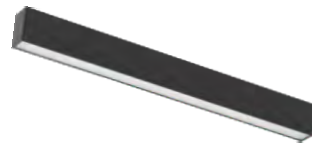
■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



h(m)	E(lx)	Φ(m)
1	189	φ2.46
2	47	φ4.92
3	21	φ7.38
4	11	φ9.84
5	7	φ12.30

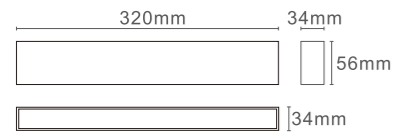


CL-Linear32



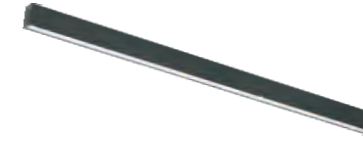
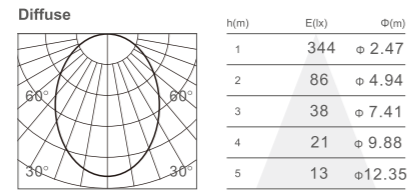
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
13W	> 90	< 3	3000K 2700K 4000K	Diffuse	895Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

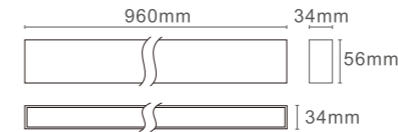


CL-Linear96



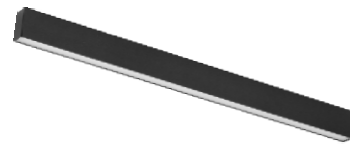
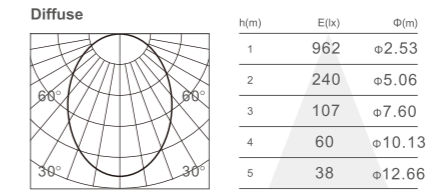
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
39W	> 90	< 3	3000K 2700K 4000K	Diffuse	2550Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

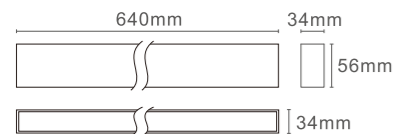


CL-Linear64



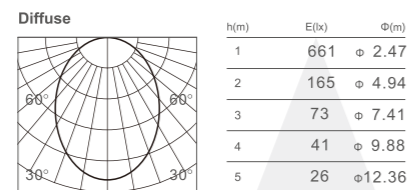
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
26W	> 90	< 3	3000K 2700K 4000K	Diffuse	1720Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra



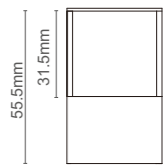
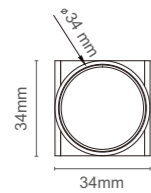


CL-Spot01



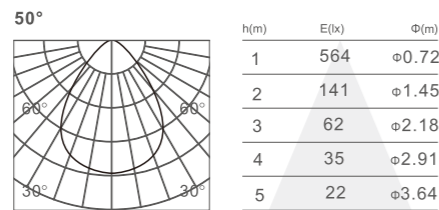
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
3W	>90	<3	3000K 2700K 4000K	12/24/36/50° Diffused	270Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

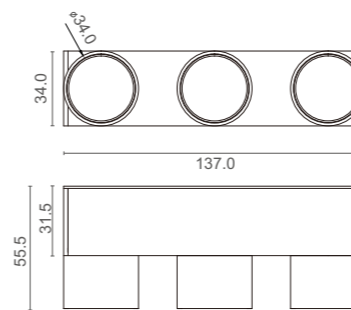


CL-Spot03



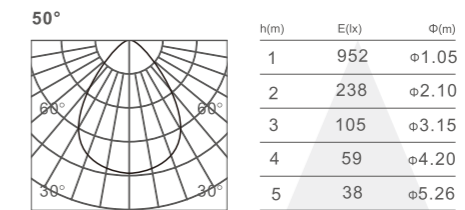
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
9W	>90	<3	3000K 2700K 4000K	12/24/36/50° Diffused	870Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

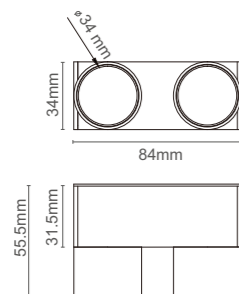


CL-Spot02



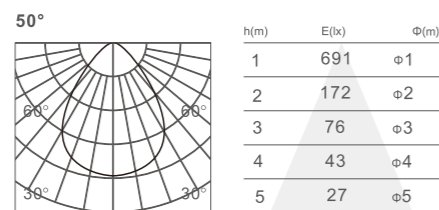
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
6W	>90	<3	3000K 2700K 4000K	12/24/36/50° Diffused	670Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

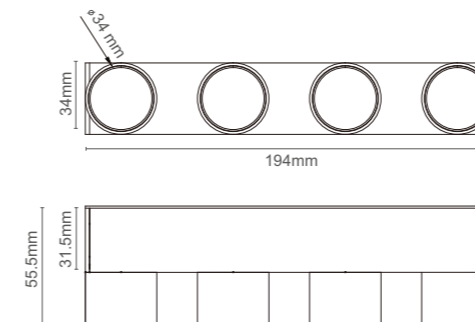


CL-Spot04



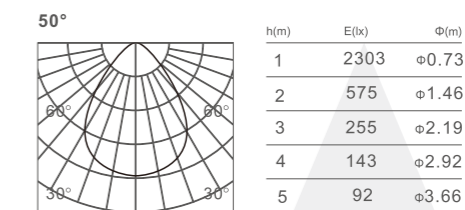
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
12W	>90	<3	3000K 2700K 4000K	12/24/36/50° Diffused	1136Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra



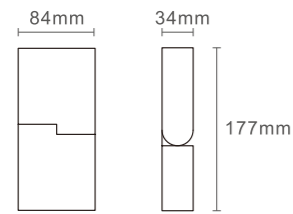


CL-Fold03

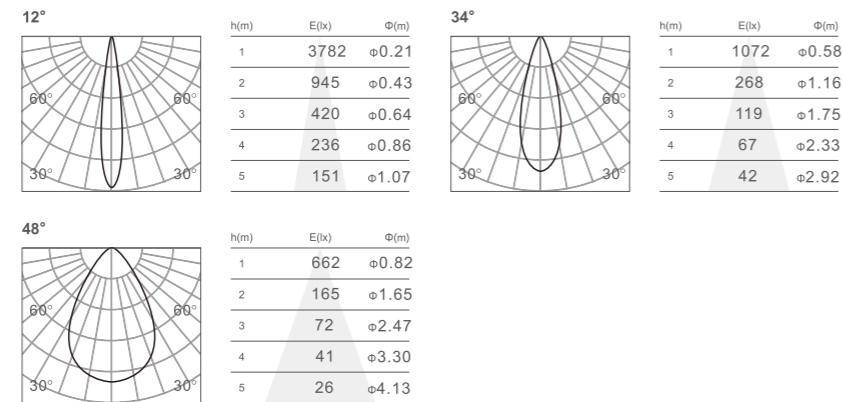


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
4W	> 90	< 3	3000K	12°	382Lm
			2700K	34°	
			4000K	48°	

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION
3000K 90Ra

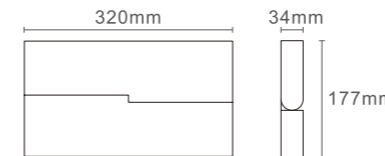


CL-Fold12

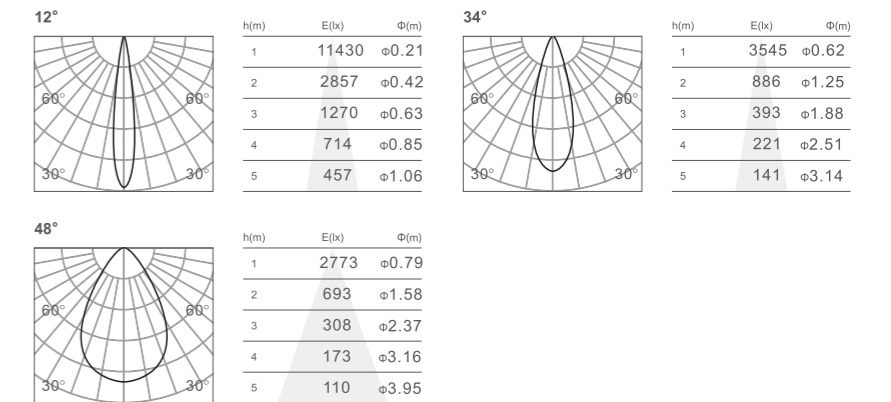


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
16W	> 90	< 3	3000K	12°	1440LM
			2700K	34°	
			4000K	48°	

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION
3000K 90Ra

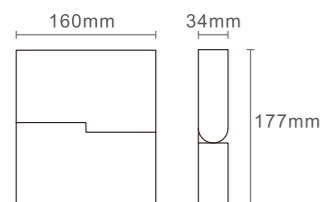


CL-Fold06

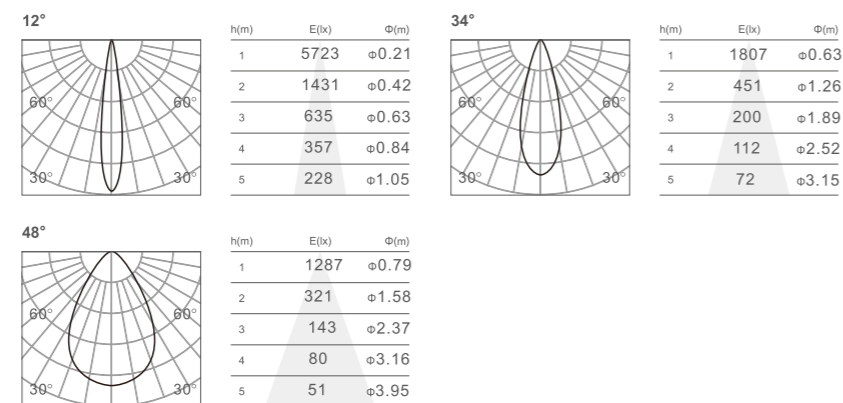


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90	< 3	3000K	12°	733Lm
			2700K	34°	
			4000K	48°	

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION
3000K 90Ra





CL-Fold08

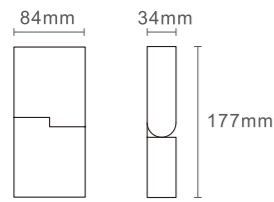
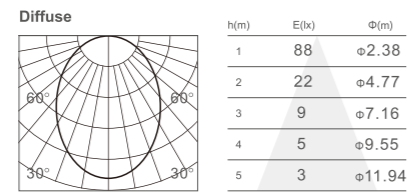


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
4W	> 90	< 3	3000K 2700K 4000K	Diffuse	223Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



CL-Fold32

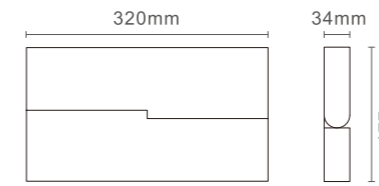
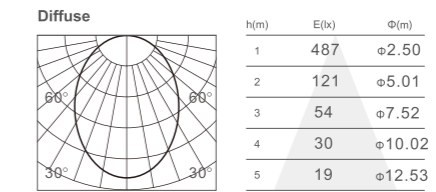


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
16W	> 90	< 3	3000K 2700K 4000K	Diffuse	1270Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



CL-Fold16

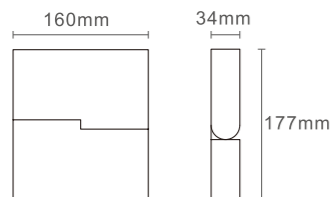
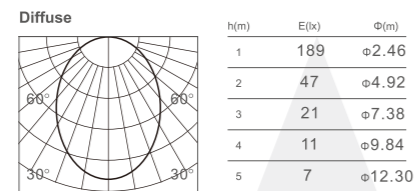


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90	< 3	3000K 2700K 4000K	Diffuse	488Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



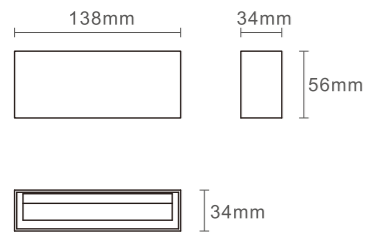


CL-Washer13



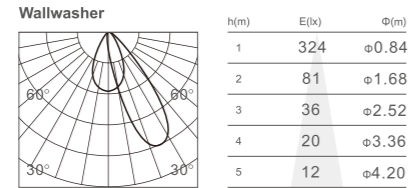
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90	< 3	3000K 2700K 4000K	wallwasher	480Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

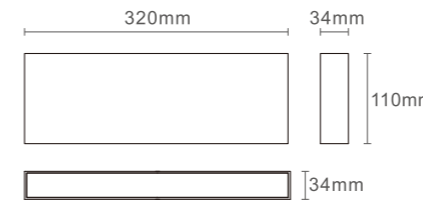


CL-Out32



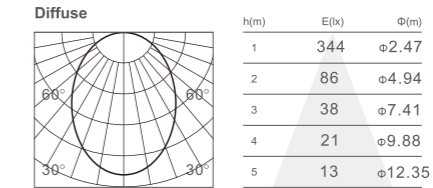
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
13W	> 90	< 3	3000K 2700K 4000K	Diffuse	895Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

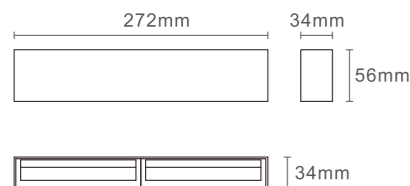


CL-Washer27



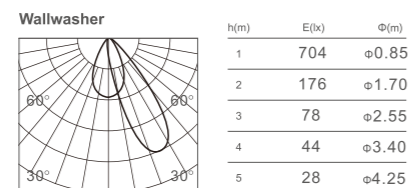
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
16W	> 90	< 3	3000K 2700K 4000K	wallwasher	1055Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra

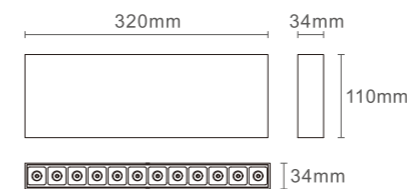


CL-Out12



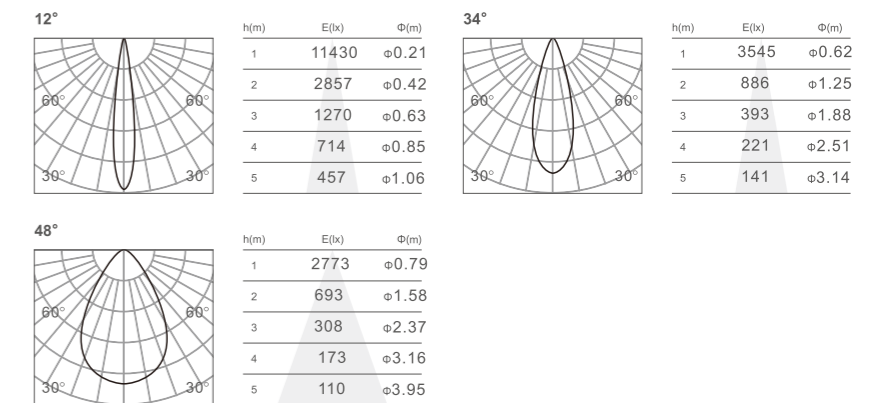
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
16W	> 90	< 3	3000K 2700K 4000K	12° 34° 48°	1435Lm

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra





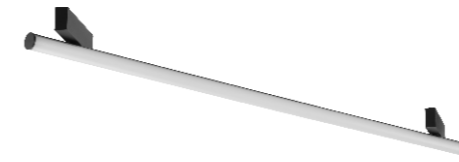
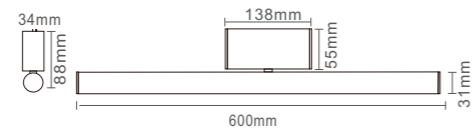
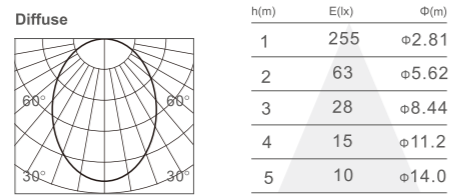
CL-Tube60



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
12W	>90	<3	3000K 2700K 4000K	Diffuse	1346Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION



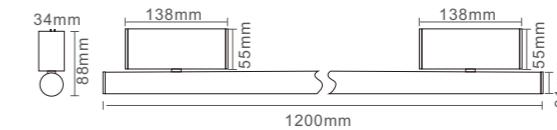
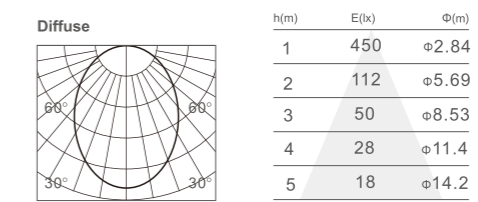
CL-Tube120



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
24W	>90	<3	3000K 2700K 4000K	Diffuse	2267Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION



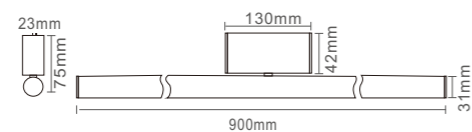
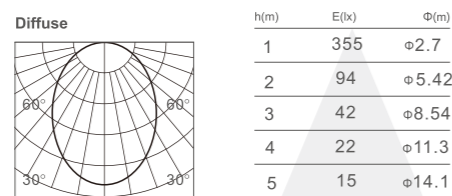
CL-Tube90



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
18W	>90	<3	3000K 2700K 4000K	Diffuse	1806Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION



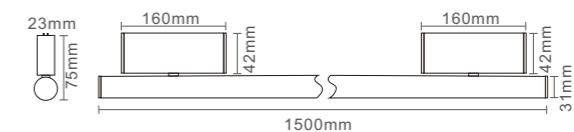
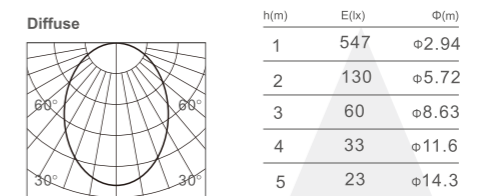
CL-Tube150



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
30W	>90	<3	3000K 2700K 4000K	Diffuse	2727Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION



CURVY SERIES



Pendant



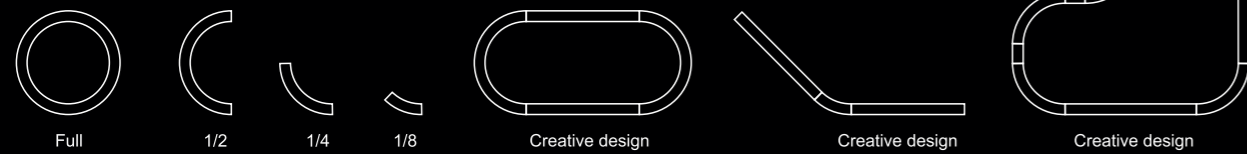
Surface-mounted



Recessed

CURVY MAGNETIC SYSTEM

Use Standard and Curvy Magnetic Systems together and create your own favorite shapes.



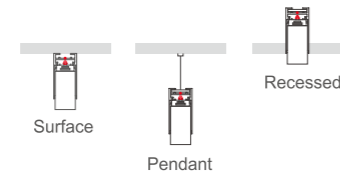
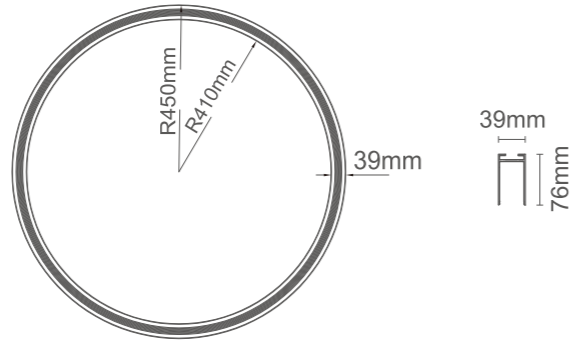


CL-TrackC



Power Install
200W max **Surface/Pendant/Recessed**

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze

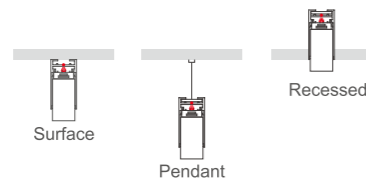
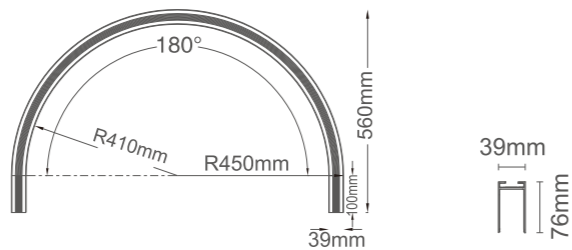


CL-Curvy 1/2-D9



Power Install
200W max **Surface/Pendant/Recessed**

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze

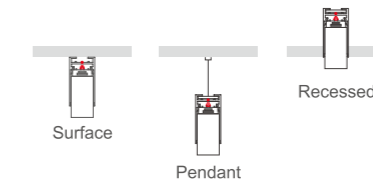
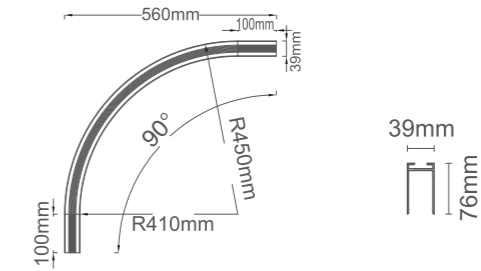


CL-Curvy 1/4-D9



Power Install
200W max **Surface/Pendant/Recessed**

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze

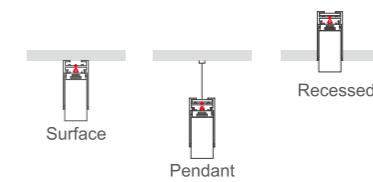
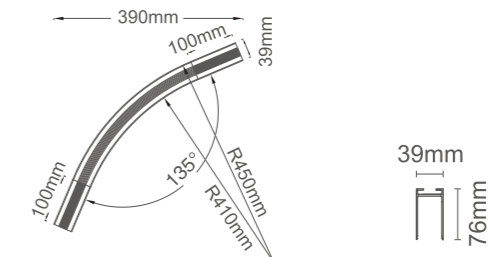


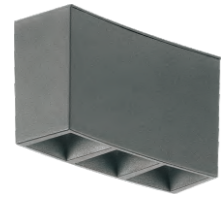
CL-Curvy 1/8-D9



Power Install
200W max **Surface/Pendant/Recessed**

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze



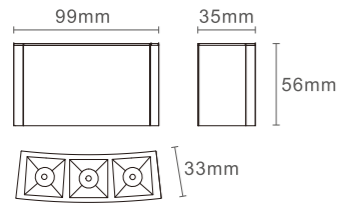


CL-Dot03-D9



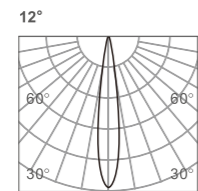
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
4W	> 90	< 3	3000K	12°	300Lm
			2700K	34°	
			4000K	48°	

■ Sandy Black □ Sandy White

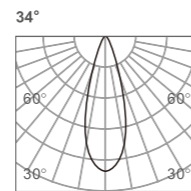


LIGHT DISTRIBUTION

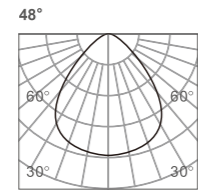
3000K 90Ra



h(m)	E(lx)	Φ(m)
1	2963	∅0.16
2	740	∅0.33
3	329	∅0.55
4	185	∅0.66
5	118	∅0.83



h(m)	E(lx)	Φ(m)
1	895	∅0.56
2	223	∅1.13
3	99	∅1.70
4	55	∅2.27
5	35	∅2.84



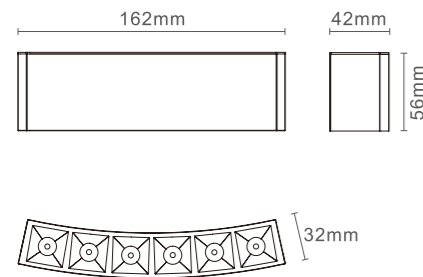
h(m)	E(lx)	Φ(m)
1	938	∅0.58
2	234	∅1.17
3	104	∅1.76
4	58	∅2.35
5	37	∅2.94

CL-Dot06-D9



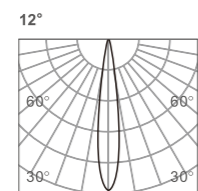
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90	< 3	3000K	12°	644Lm
			2700K	34°	
			4000K	48°	

■ Sandy Black □ Sandy White

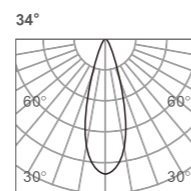


LIGHT DISTRIBUTION

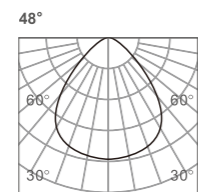
3000K 90Ra



h(m)	E(lx)	Φ(m)
1	6645	∅0.17
2	1661	∅0.34
3	738	∅0.51
4	415	∅0.68
5	265	∅0.85



h(m)	E(lx)	Φ(m)
1	1947	∅0.55
2	486	∅1.11
3	216	∅1.67
4	121	∅2.22
5	77	∅2.78



h(m)	E(lx)	Φ(m)
1	1999	∅0.58
2	499	∅1.16
3	222	∅1.75
4	124	∅2.33
5	79	∅2.92

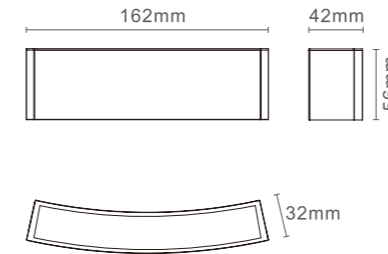


CL-Linear16-D9



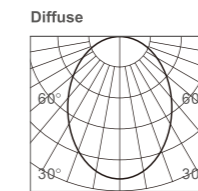
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
7W	> 90	< 3	3000K	Diffuse	485Lm
			2700K		
			4000K		

■ Sandy Black □ Sandy White



LIGHT DISTRIBUTION

3000K 90Ra



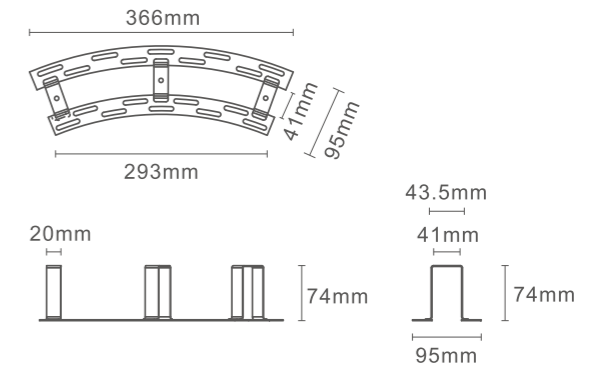
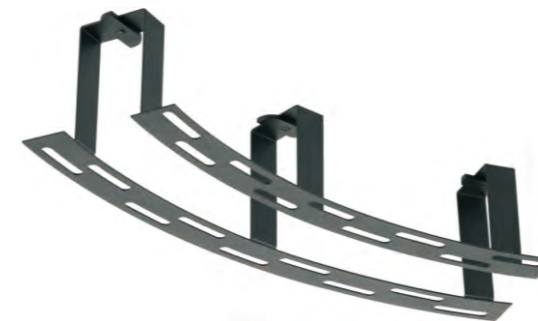
h(m)	E(lx)	Φ(m)
1	182	∅2.56
2	45	∅5.12
3	20	∅7.68
4	11	∅10.24
5	7	∅12.80

ACCESSORIES

CL-Recessed kit-R

Recessed kit for full curvy track

■ Sandy Black □ Sandy White



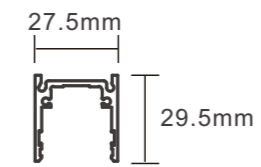


- Surface
- Pendant
- Recessed

- Recessed

ULTRA SLIM

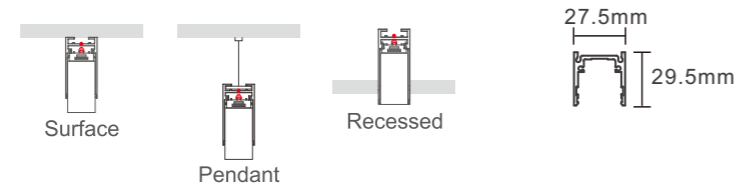
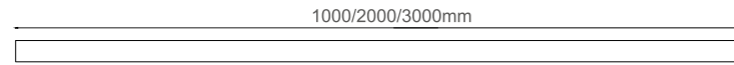
Track Series





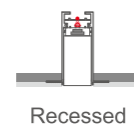
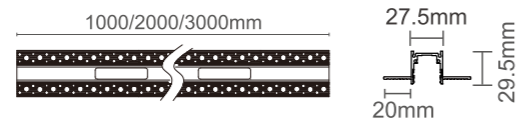
Model	Power	Install	Length
CL-Track-ULS-1M	200W max	Surface/Pendant/Recessed	1000mm
CL-Track-ULS-2M	200W max	Surface/Pendant/Recessed	2000mm
CL-Track-ULS-3M	200W max	Surface/Pendant/Recessed	3000mm

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze



Model	Power	Install	Length
CL-Track-R-ULS-1M	200W max	Recessed	1000mm
CL-Track-R-ULS-2M	200W max	Recessed	2000mm
CL-Track-R-ULS-3M	200W max	Recessed	3000mm

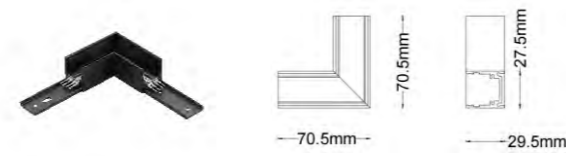
■ Sandy Black □ Sandy White ■ Golden ■ Black bronze



CORNER

CL-Track-L-ULS

■ Sandy Black □ Sandy White



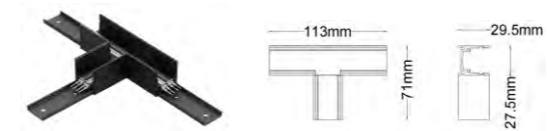
CL-Track-L-ULS-INNER

■ Sandy Black □ Sandy White



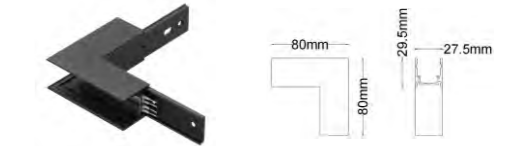
CL-Track-L-ULS-T

■ Sandy Black □ Sandy White



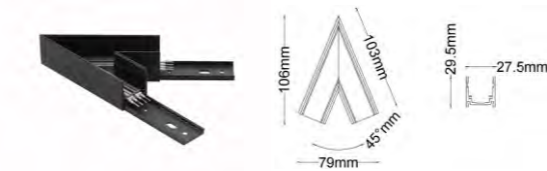
CL-Track-L-ULS-OUTER

■ Sandy Black □ Sandy White



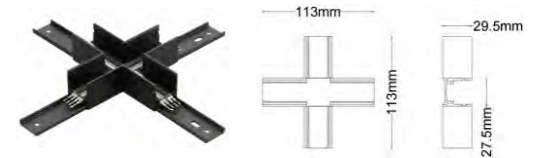
CL-Track-L-ULS-45D

■ Sandy Black □ Sandy White



CL-Track-L-ULS-CROSS

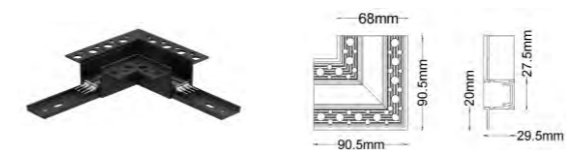
■ Sandy Black □ Sandy White



RECESSED CORNERS

CL-Track-L-R-ULS

■ Sandy Black □ Sandy White



CL-Track-L-R-ULS-INNER

■ Sandy Black □ Sandy White



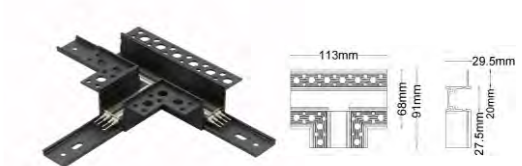
CL-Track-L-R-ULS-OUTER

■ Sandy Black □ Sandy White



CL-Track-L-R-ULS-T

■ Sandy Black □ Sandy White

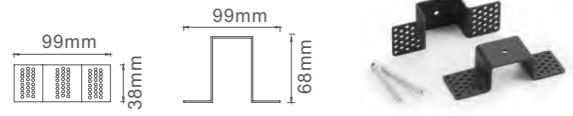


ACCESSORIES

CL-Recessed kit-ULS

Recess mounting kit for magnetic track.

■ Sandy Black □ Sandy White



CL-Track cover-ULS

Track cover 1 meter

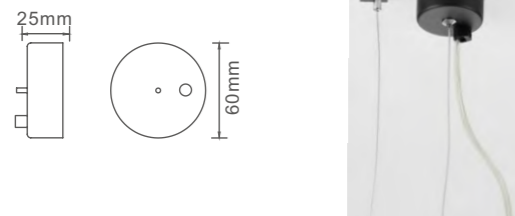
■ Sandy Black □ Sandy White



CL-Pendant kit-A-ULS

Available in 1.20 or 3.00 meters with electrical wire.

■ Sandy Black □ Sandy White



CL-End cap-ULS

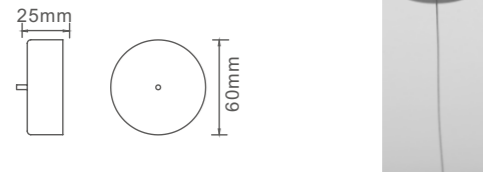
■ Sandy Black □ Sandy White



CL-Pendant kit-B-ULS

Available in 1.20 or 3.00 meters.

■ Sandy Black □ Sandy White



CL-Pin4

Pin connector for electric connection

□ Sandy White



CL-Track Connector-ULS

Profile connection

■ Sandy Black □ Sandy White



CL-Bridge-ULS

Track bridge for connection

■ Sandy Black □ Sandy White



CL-New surfaced mounted kit-ULS

New surface mounted for magnet track.

■ Sandy Black □ Sandy White



CL-Power plate-ULS

Electric connection, with 4 pins.

■ Sandy Black □ Sandy White



CL-Dot12-ULS

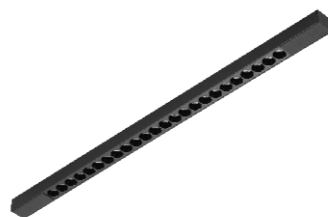
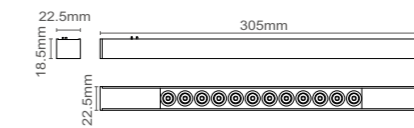
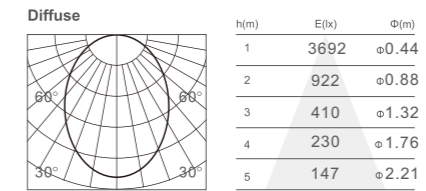


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
12W	> 90	< 3	3000K	34°	1006Lm
	> 80		2700K	20°	
			4000K	48°	

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



CL-Dot24-ULS

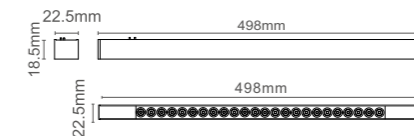
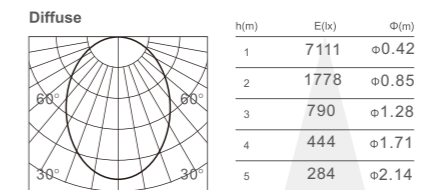


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
24W	> 90	< 3	3000K	34°	1875Lm
	> 80		2700K	20°	
			4000K	48°	

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra





CL-Linear30-ULS



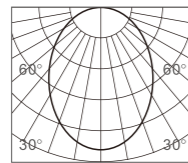
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
6W	> 90	< 3	3000K	Diffuse	433Lm
	> 80		2700K		
			4000K		

■ Sandy Black □ Sandy White

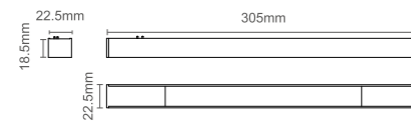
LIGHT DISTRIBUTION

3000K 90Ra

Diffuse



h(m)	E(lx)	Φ(m)
1	168	Φ2.44
2	42	Φ4.88
3	18	Φ7.32
4	10	Φ9.76
5	6	Φ12.20



CL-Linear50-ULS



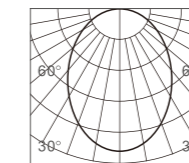
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
12W	> 90	< 3	3000K	Diffuse	890Lm
	> 80		2700K		
			4000K		

■ Sandy Black □ Sandy White

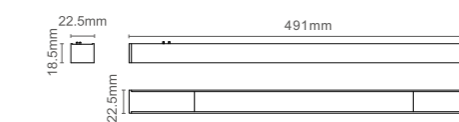
LIGHT DISTRIBUTION

3000K 90Ra

Diffuse



h(m)	E(lx)	Φ(m)
1	342	Φ2.46
2	85	Φ4.93
3	38	Φ7.40
4	21	Φ9.87
5	13	Φ13.24



CL-Linear70-ULS



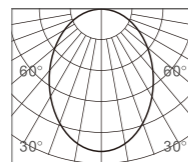
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
18W	> 90	< 3	3000K	Diffuse	1148Lm
	> 80		2700K		
			4000K		

■ Sandy Black □ Sandy White

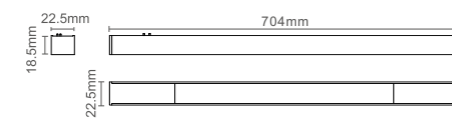
LIGHT DISTRIBUTION

3000K 90Ra

Diffuse



h(m)	E(lx)	Φ(m)
1	442	Φ2.45
2	110	Φ4.91
3	49	Φ7.37
4	27	Φ9.83
5	17	Φ12.29



CL-Linear90-ULS



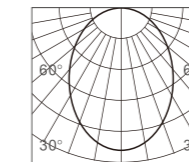
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
24W	> 90	< 3	3000K	Diffuse	1489Lm
	> 80		2700K		
			4000K		

■ Sandy Black □ Sandy White

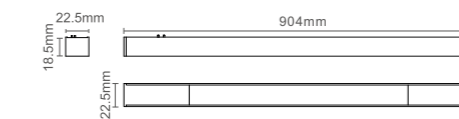
LIGHT DISTRIBUTION

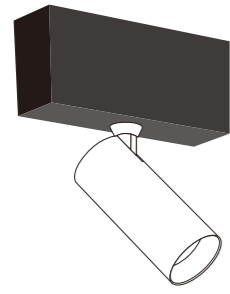
3000K 90Ra

Diffuse

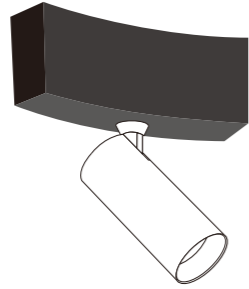


h(m)	E(lx)	Φ(m)
1	575	Φ2.42
2	143	Φ4.85
3	63	Φ7.28
4	35	Φ9.71
5	23	Φ12.14

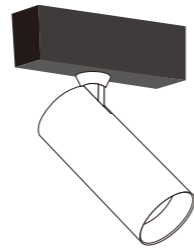




STANDARD



CURVY



ULTRA-SLIM



Spot Series



Halo Series



Pendant Series



Globe Series



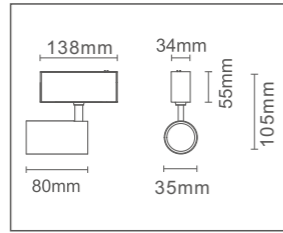


CL-Spot35

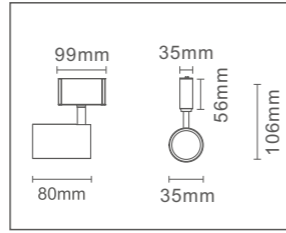
CL-Spot35-D9

CL-Spot35-ULS

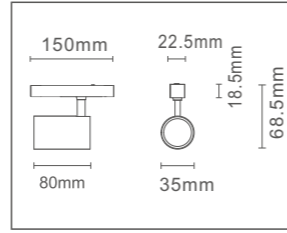
STANDARD



CURVY



ULTRA SLIM

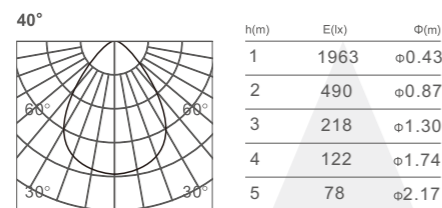
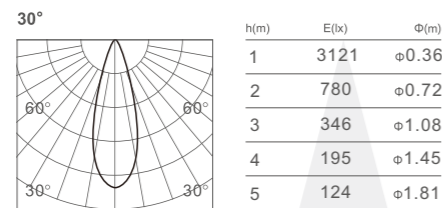
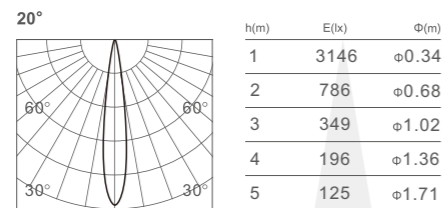


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
5W	> 90	< 3	3000K	20°	526Lm
			2700K	30°	
			4000K	40°	

■ Sandy Black □ Sandy White ■ Golden

LIGHT DISTRIBUTION

3000K 90Ra

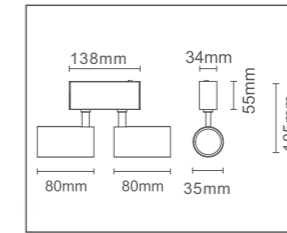


CL-Spot35-T

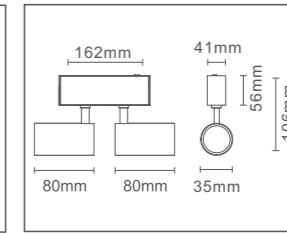
CL-Spot35-T-D9

CL-Spot35-T-ULS

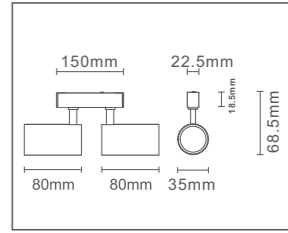
STANDARD



CURVY



ULTRA SLIM

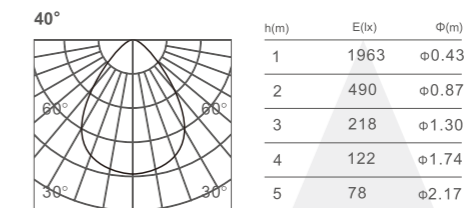
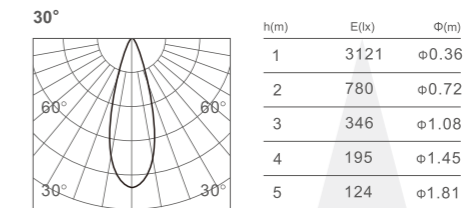
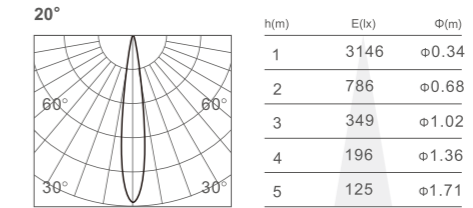


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
2x5W	> 90	< 3	3000K	20°	526Lm
			2700K	30°	
			4000K	40°	

■ Sandy Black □ Sandy White ■ Golden

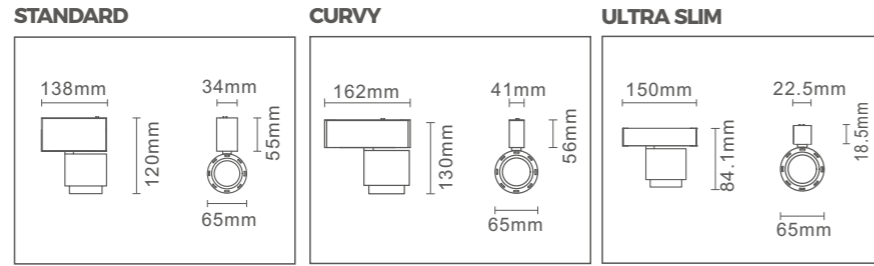
LIGHT DISTRIBUTION

3000K 90Ra





CL-Spot65-R CL-Spot65-R-D9 CL-Spot65-R-ULS

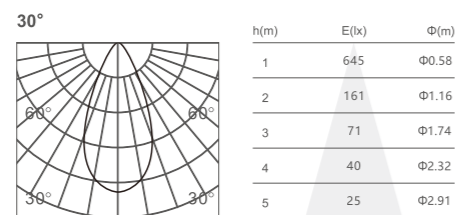
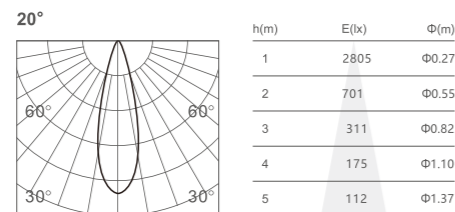
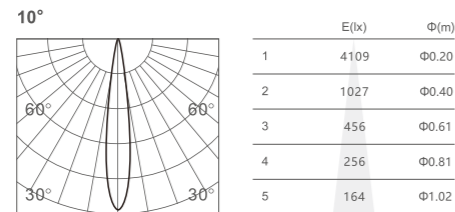


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90	< 3	3000K	10°	251Lm
			2700K	20°	
			4000K	30°	

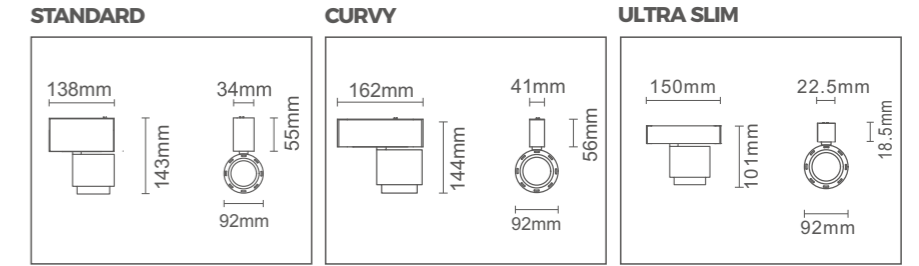
■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



CL-Spot92-R CL-Spot92-R-D9 CL-Spot92-R-ULS

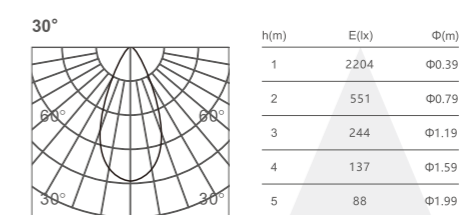
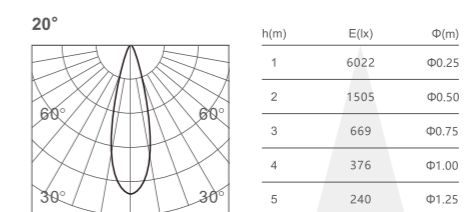
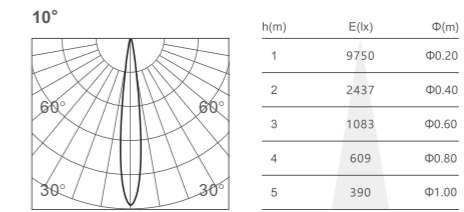


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
15W	> 90	< 3	3000K	10°	481Lm
			2700K	20°	
			4000K	30°	

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



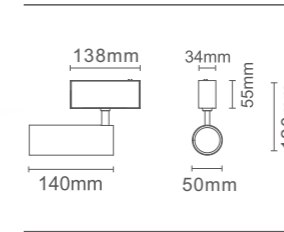


CL-Spot50

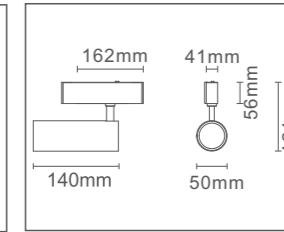
CL-Spot50-D9

CL-Spot50-ULS

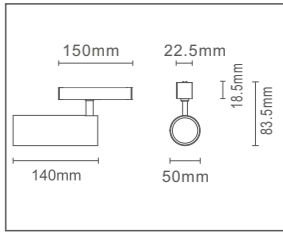
STANDARD



CURVY



ULTRA SLIM

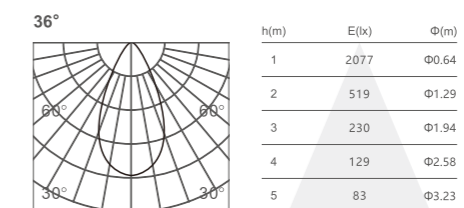
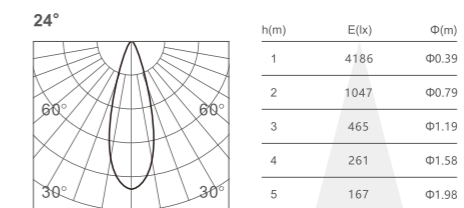
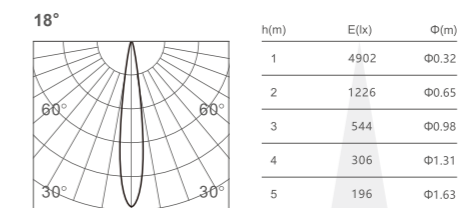


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
10W	> 90	< 3	3000K 2700K 4000K	18° 24° 36°	682Lm

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze

LIGHT DISTRIBUTION

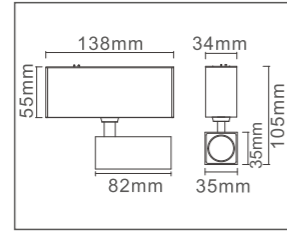
3000K 90Ra





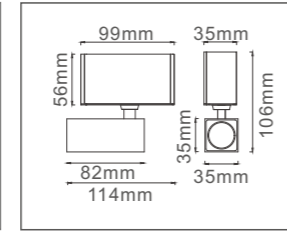
CL-Spot35-SQ

STANDARD



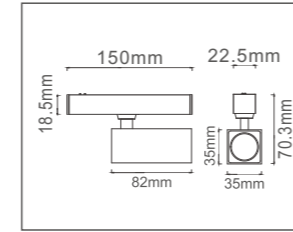
CL-Spot35-SQ-D9

CURVY



CL-Spot35-SQ-ULS

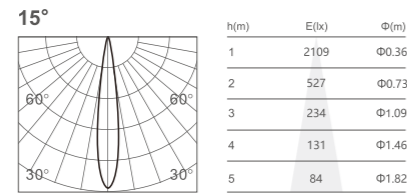
ULTRA SLIM



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90	< 3	3000K 2700K 4000K	15°	365Lm

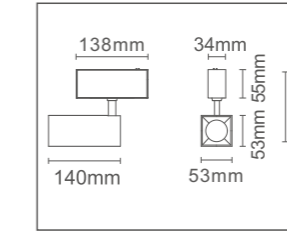
■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION
3000K 90Ra



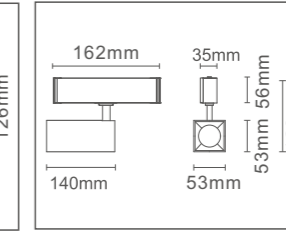
CL-Spot50-SQ

STANDARD



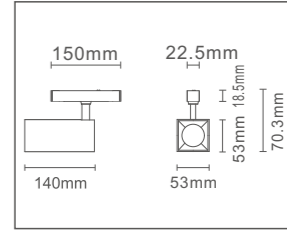
CL-Spot50-SQ-D9

CURVY



CL-Spot50-SQ-ULS

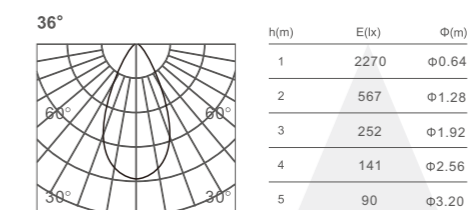
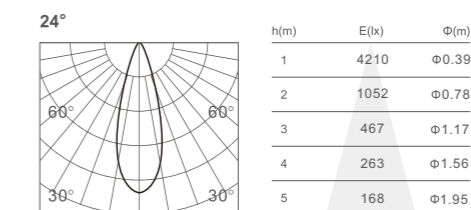
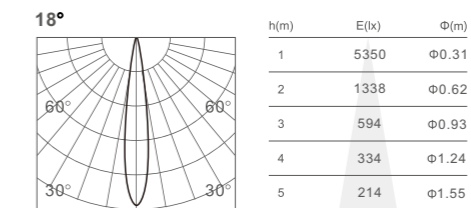
ULTRA SLIM



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
10W	> 90	< 3	3000K 2700K 4000K	18° 24° 36°	688Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION
3000K 90Ra



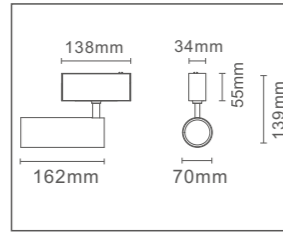


CL-Spot70

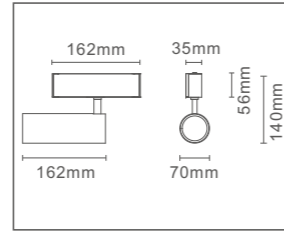
CL-Spot70-D9

CL-Spot70-ULS

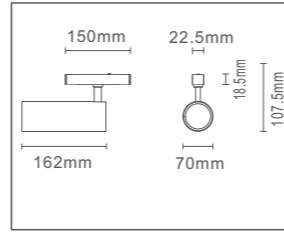
STANDARD



CURVY



ULTRA SLIM



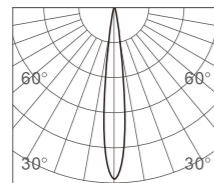
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
20W	> 90	< 3	3000K	18°	1343Lm
			2700K	24°	
			4000K	36°	

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

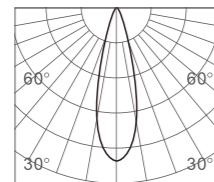
3000K 90Ra

18°



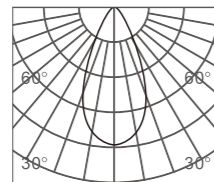
h(m)	E(lx)	Φ(m)
1	9062	Φ0.30
2	2266	Φ0.61
3	1007	Φ0.91
4	566	Φ1.22
5	362	Φ1.52

24°



h(m)	E(lx)	Φ(m)
1	5630	Φ0.46
2	1408	Φ0.93
3	625	Φ1.39
4	351	Φ1.86
5	225	Φ2.32

36°



h(m)	E(lx)	Φ(m)
1	3427	Φ0.68
2	856	Φ1.37
3	380	Φ2.06
4	214	Φ2.75
5	137	Φ3.44

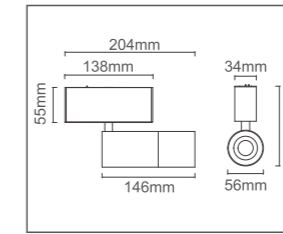


CL-Zoom55

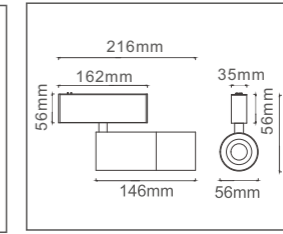
CL-Zoom55-D9

CL-Zoom55-ULS

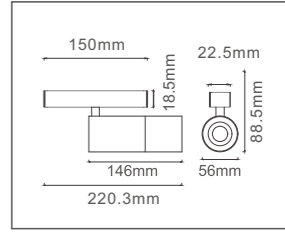
STANDARD



CURVY



ULTRA SLIM



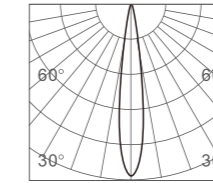
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
10W	> 90	< 3	3000K	20° - 60°	800Lm
			2700K		
			4000K		

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

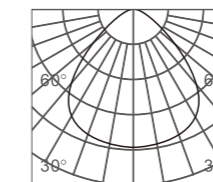
3000K 90Ra

20°



h(m)	E(lx)	Φ(m)
1	4510	Φ0.40
2	1127	Φ0.80
3	501	Φ1.21
4	281	Φ1.61
5	180	Φ2.02

60°



h(m)	E(lx)	Φ(m)
1	968	Φ1.09
2	242	Φ2.18
3	107	Φ3.27
4	60	Φ4.36
5	38	Φ5.45

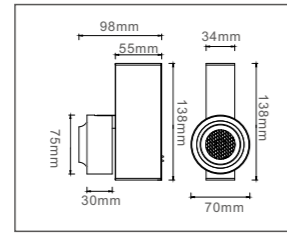


CL-Slim70

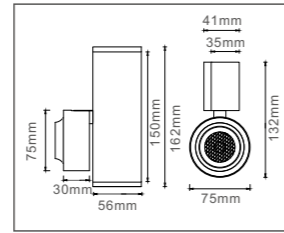
CL-Slim70-D9

CL-Slim70-ULS

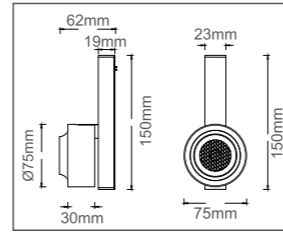
STANDARD



STANDARD CURVY



ULTRA SLIM

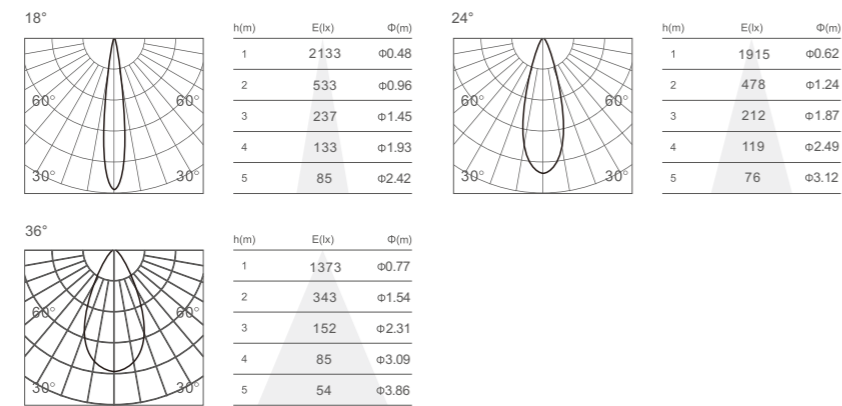


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
10W	> 90	< 3	3000K	36°	790Lm
	> 80		2700K		
			4000K		

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra

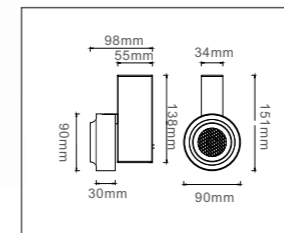


CL-Slim90

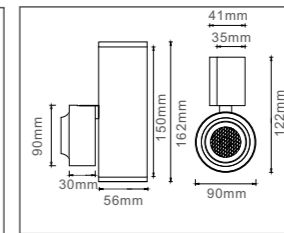
CL-Slim90-D9

CL-Slim90-ULS

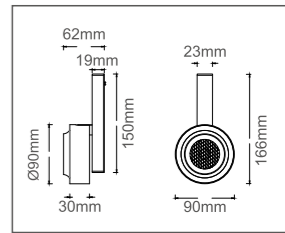
STANDARD



STANDARD CURVY



ULTRA SLIM

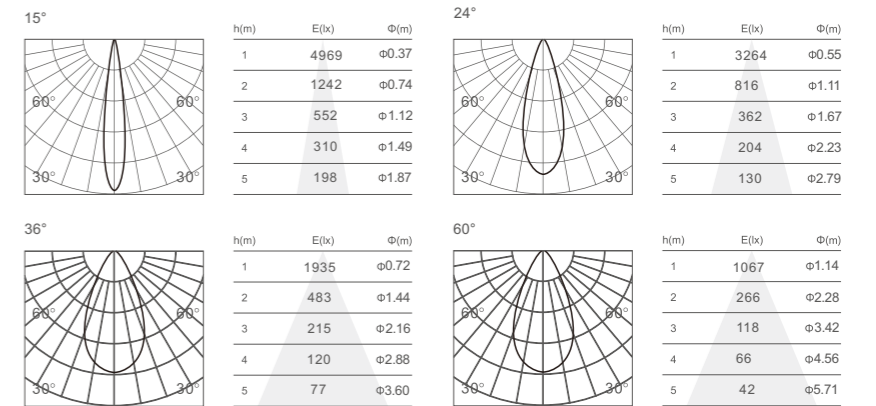


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
15W	> 90	< 3	3000K	36°	1072Lm
	> 80		2700K		
			4000K		

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



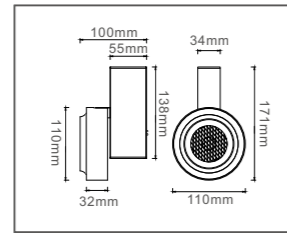


CL-Slim110

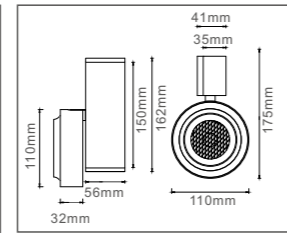
CL-Slim110-D9

CL-Slim110-ULS

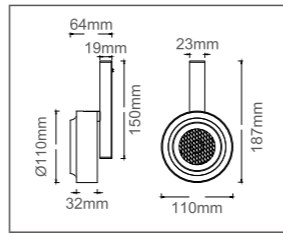
STANDARD



STANDARD CURVY



ULTRA SLIM

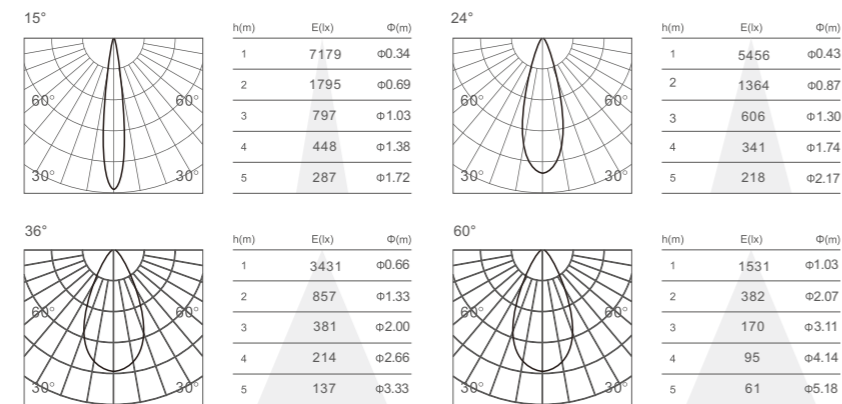


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
20W	> 90 > 80	< 3	3000K 2700K 4000K	36°	1430Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra

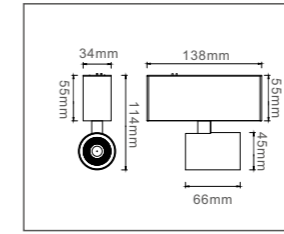


CL-Gemini45

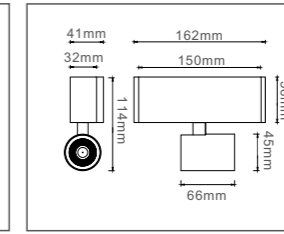
CL-Gemini45-D9

CL-Gemini45-ULS

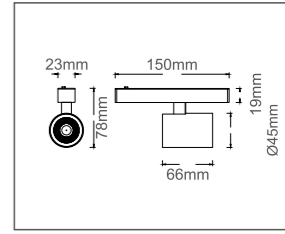
STANDARD



STANDARD CURVY



ULTRA SLIM

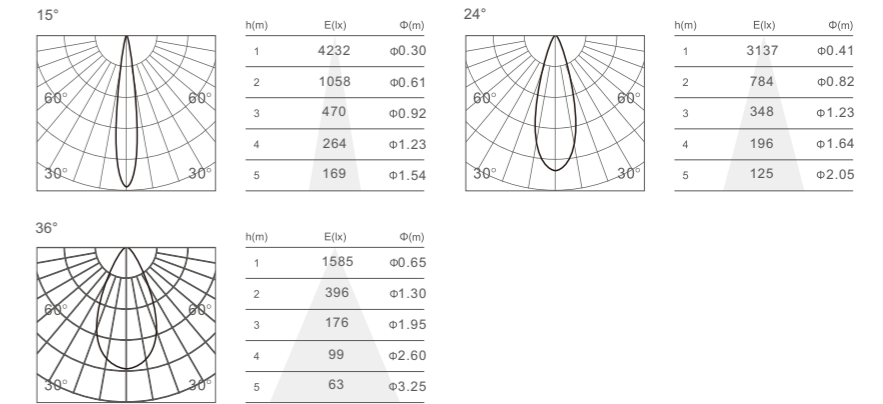


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
8W	> 90 > 80	< 3	3000K 2700K 4000K	24°	600Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



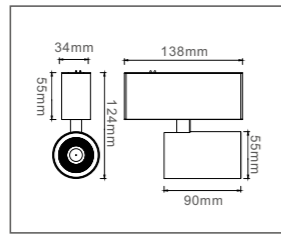


CL-Gemini55

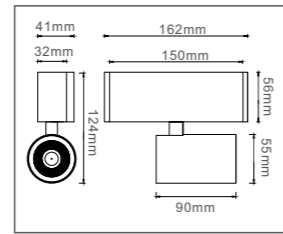
CL-Gemini55-D9

CL-Gemini55-ULS

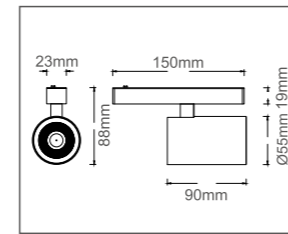
STANDARD



STANDARD CURVY



ULTRA SLIM



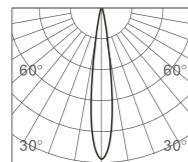
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
12W	> 90 > 80	< 3	3000K 2700K 4000K	24°	1005Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

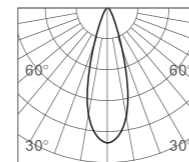
3000K 90Ra

15°



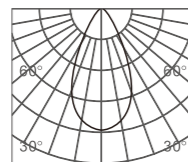
h(m)	E(lx)	Φ(m)
1	5560	Φ0.34
2	1390	Φ0.69
3	617	Φ1.04
4	347	Φ1.39
5	222	Φ1.74

24°



h(m)	E(lx)	Φ(m)
1	3521	Φ0.54
2	880	Φ1.09
3	391	Φ1.64
4	220	Φ2.18
5	140	Φ2.73

36°



h(m)	E(lx)	Φ(m)
1	1952	Φ0.74
2	488	Φ1.49
3	216	Φ2.24
4	122	Φ2.98
5	78	Φ3.73

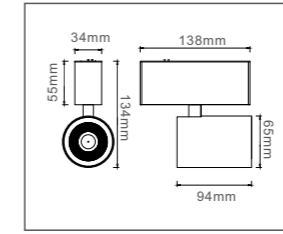


CL-Gemini65

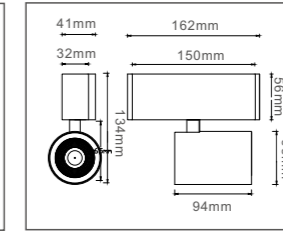
CL-Gemini65-D9

CL-Gemini65-ULS

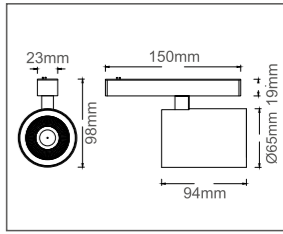
STANDARD



STANDARD CURVY



ULTRA SLIM



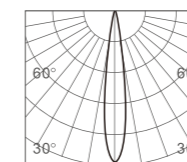
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
16W	> 90 > 80	< 3	3000K 2700K 4000K	24°	1333Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

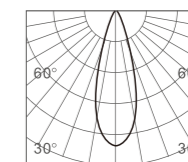
3000K 90Ra

15°



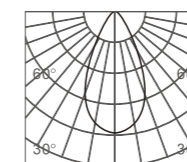
h(m)	E(lx)	Φ(m)
1	12088	Φ0.27
2	3022	Φ0.55
3	1343	Φ0.82
4	755	Φ1.10
5	483	Φ1.37

24°



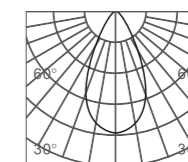
h(m)	E(lx)	Φ(m)
1	6470	Φ0.44
2	1617	Φ0.88
3	718	Φ1.33
4	404	Φ1.77
5	258	Φ2.22

36°

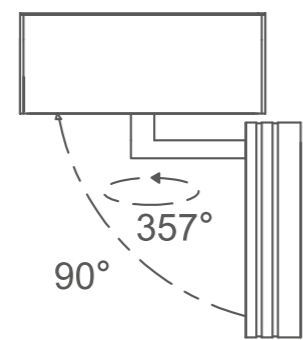


h(m)	E(lx)	Φ(m)
1	3107	Φ0.83
2	776	Φ1.27
3	345	Φ1.91
4	194	Φ2.55
5	124	Φ3.19

50°

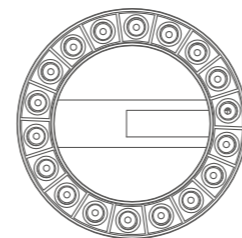


h(m)	E(lx)	Φ(m)
1	1823	Φ0.91
2	455	Φ1.82
3	202	Φ2.74
4	114	Φ3.65
5	72	Φ4.56

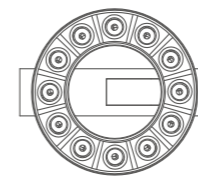


Angle adjustment

Halo spot

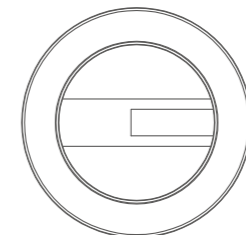


Φ164mm

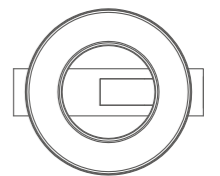


Φ120mm

Halo linear



Φ164mm



Φ120mm

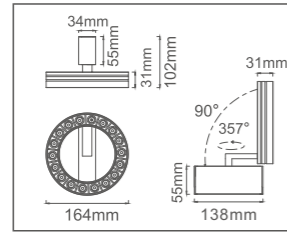


CL-Halo-D18

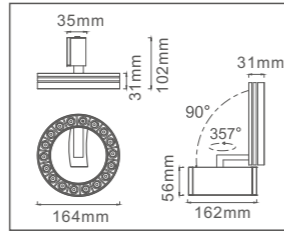
CL-Halo-D18-D9

CL-Halo-D18-ULS

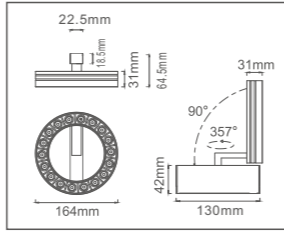
STANDARD



CURVY



ULTRA SLIM

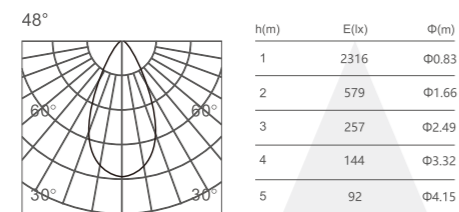
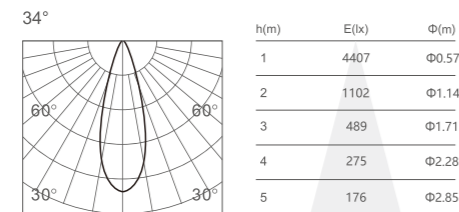
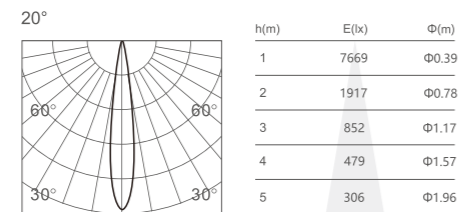


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
18W	> 90	< 3	3000K 2700K 4000K	20° 34° 48°	1562Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra

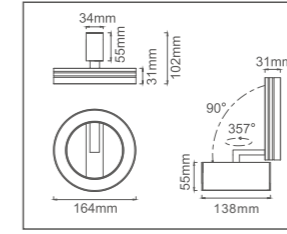


CL-Halo-L16

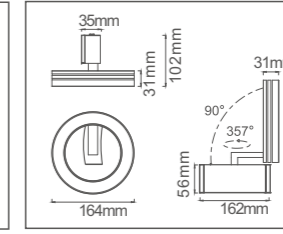
CL-Halo-L16-D9

CL-Halo-L16-ULS

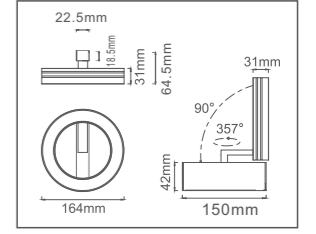
STANDARD



CURVY



ULTRA SLIM

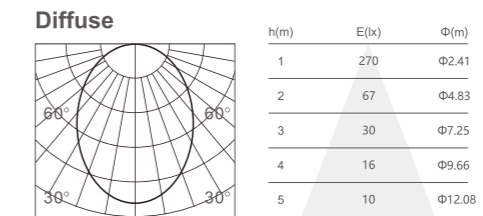


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
18W	> 90	< 3	3000K 2700K 4000K	Diffuse	686Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



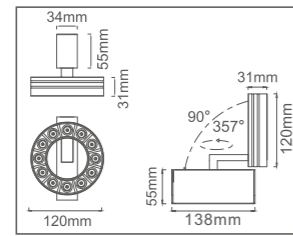


CL-Halo-D12

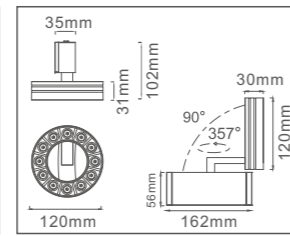
CL-Halo-D12-D9

CL-Halo-D12-ULS

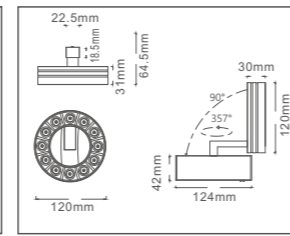
STANDARD



CURVY



ULTRA SLIM

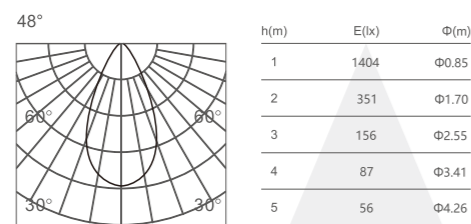
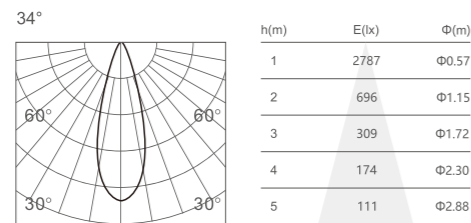
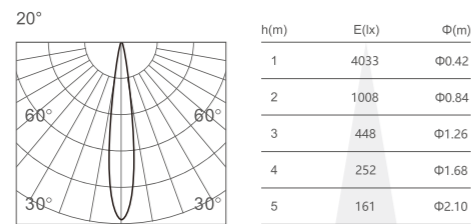


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
12W	> 90	< 3	3000K 2700K 4000K	20° 34° 48°	950Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra

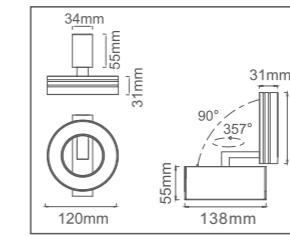


CL-Halo-L12

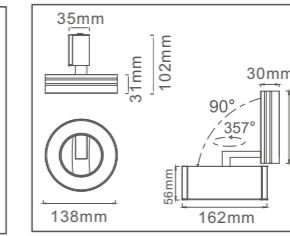
CL-Halo-L12-D9

CL-Halo-L12-ULS

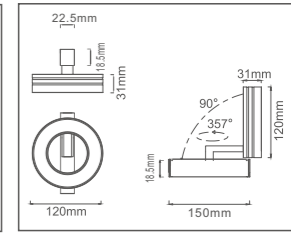
STANDARD



CURVY



ULTRA SLIM

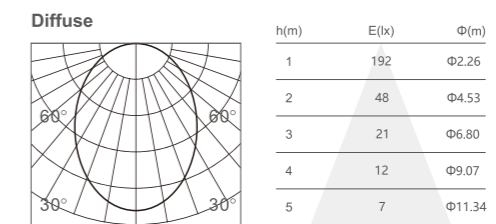


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
12W	> 90	< 3	3000K 2700K 4000K	Diffuse	470Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

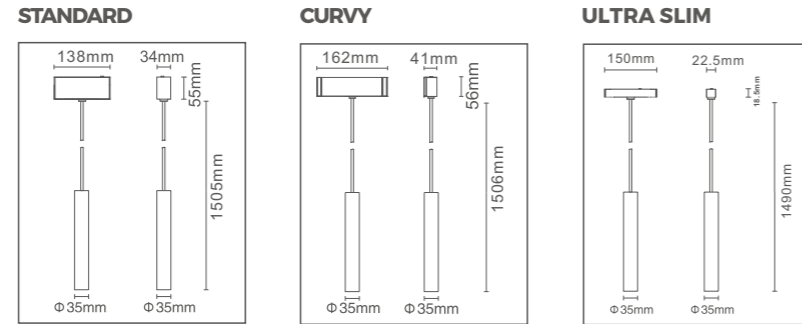
3000K 90Ra







CL-Pendant35-R CL-Pendant35-R-D9 CL-Pendant35-R-ULS

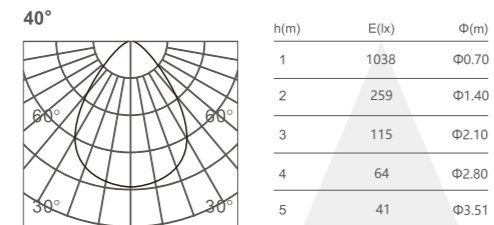
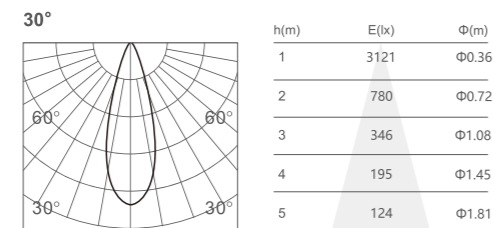
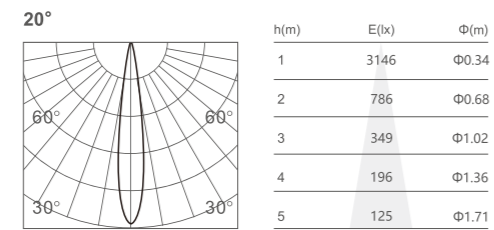


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
5W	> 90	< 3	3000K 2700K 4000K	20° 30° 40°	526Lm

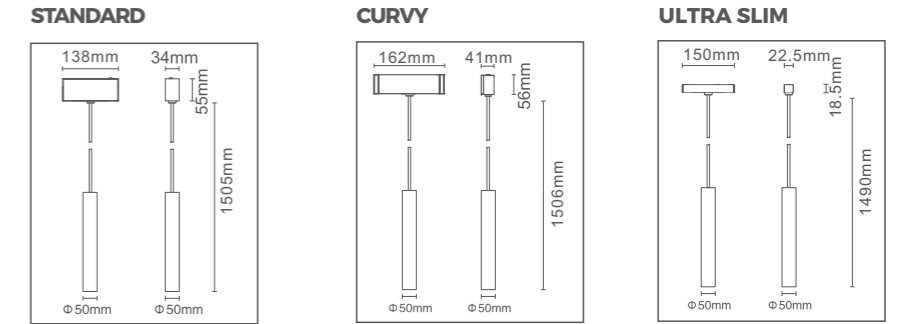
■ Sandy Black □ Sandy White ■ Golden ■ Black bronze

LIGHT DISTRIBUTION

3000K 90Ra



CL-Pendant50-R CL-Pendant50-R-D9 CL-Pendant50-R-ULS

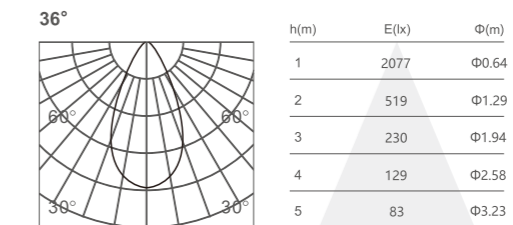
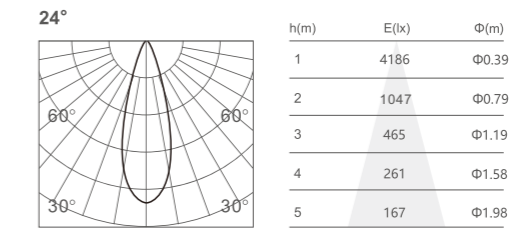
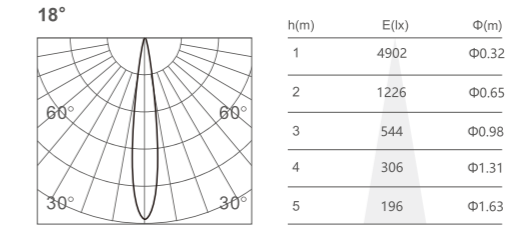


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
10W	> 90	< 3	3000K 2700K 4000K	18° 24° 36°	682Lm

■ Sandy Black □ Sandy White ■ Golden ■ Black bronze

LIGHT DISTRIBUTION

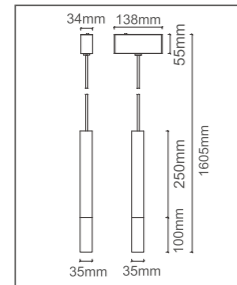
3000K 90Ra



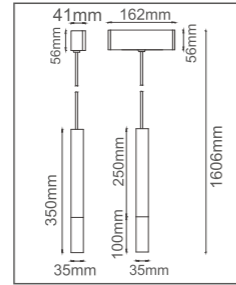
CL-Pendant35-R-A-10 CL-Pendant35-R-A-10-D9 CL-Pendant35-R-A-10-ULS



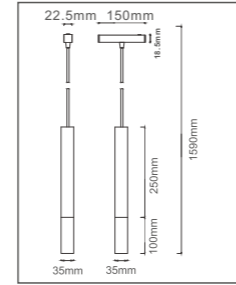
STANDARD



CURVY



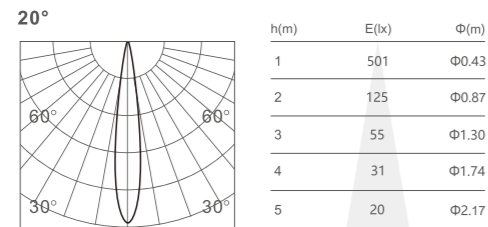
ULTRA SLIM



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
5W	> 90	< 3	3000K 2700K 4000K	20°	460Lm

■ Sandy Black ■ Sandy White ■ Golden ■ Black bronze

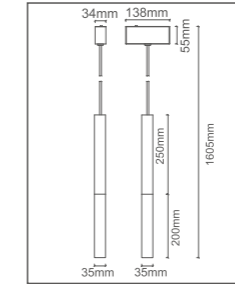
LIGHT DISTRIBUTION
3000K 90Ra



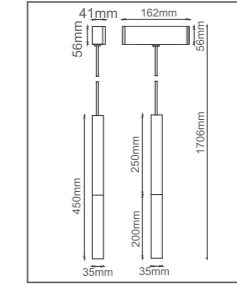
CL-Pendant35-R-A-20 CL-Pendant35-R-A-20-D9 CL-Pendant35-R-A-20-ULS



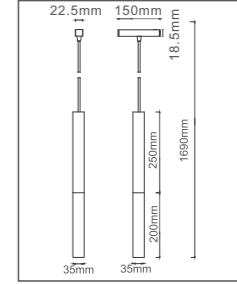
STANDARD



CURVY



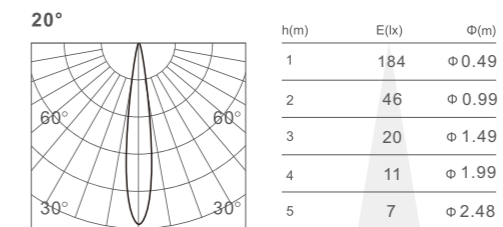
ULTRA SLIM



POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
5W	> 90	< 3	3000K 2700K 4000K	20°	460Lm

■ Sandy Black ■ Sandy White ■ Golden ■ Black bronze

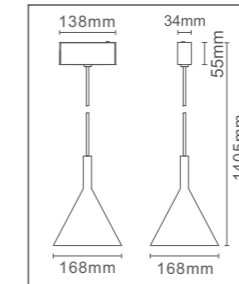
LIGHT DISTRIBUTION
3000K 90Ra



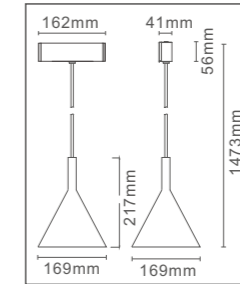


CL-Pendant -glory CL-Pendant -glory-D9 CL-Pendant -glory-ULS

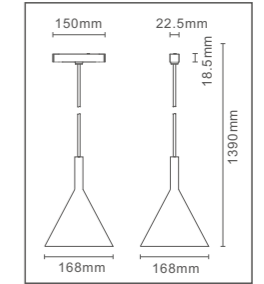
STANDARD



CURVY



ULTRA SLIM



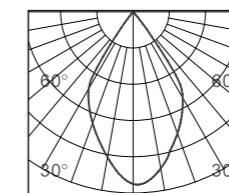
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
10W	> 90	< 3	3000K 2700K 4000K	Diffuse	264Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra

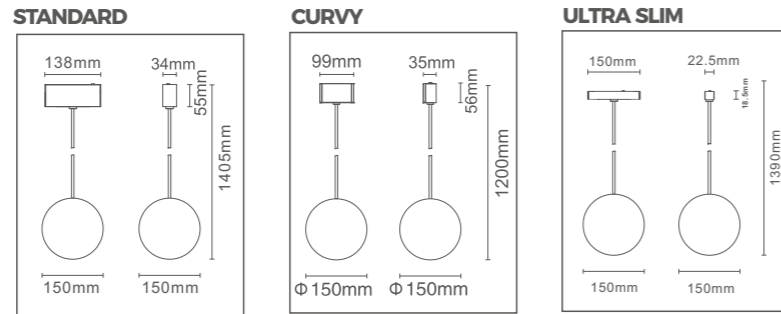
Diffuse



h(m)	E(lx)	Φ(m)
1	333	Φ1.24
2	83	Φ2.48
3	37	Φ3.72
4	20	Φ4.96
5	13	Φ6.20



CL-Pendant-global CL-Pendant-global-D9 CL-Pendant-global-ULS

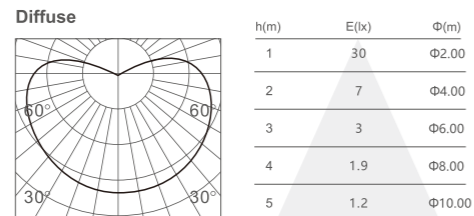


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
5W	> 90	< 3	3000K 2700K 4000K	Diffuse	346Lm

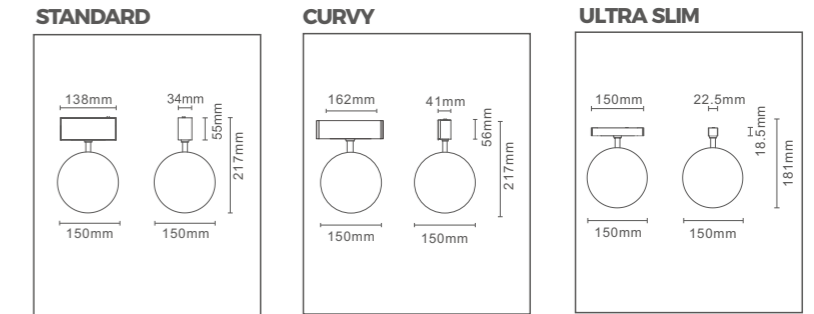
■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra



CL-Global CL-Global-D9 CL-Global-ULS

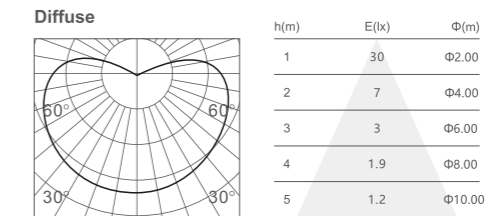


POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
5W	> 90	< 3	3000K 2700K 4000K	Diffuse	346Lm

■ Sandy Black □ Sandy White

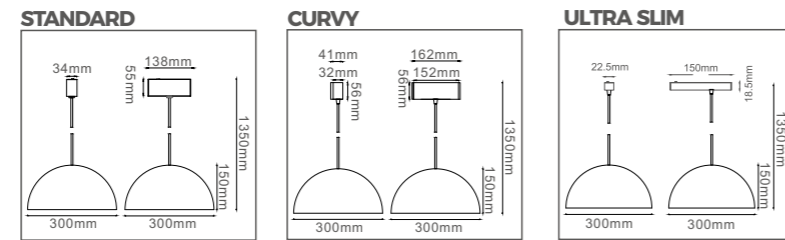
LIGHT DISTRIBUTION

3000K 90Ra





CL-Pendant Zoey CL-Pendant Zoey-D9 CL-Pendant Zoey-ULS



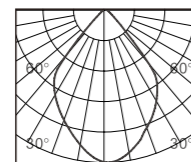
POWER	CRI	SDCM	CCT	BEAM	LUMINOUS FLUX
10W	> 90 > 80	< 3	3000K 2700K 4000K	Diffuse	498Lm

■ Sandy Black □ Sandy White

LIGHT DISTRIBUTION

3000K 90Ra

Diffuse



h(m)	E(lx)	Φ(m)
1	298	Φ1.63
2	75	Φ3.27
3	33	Φ4.90
4	19	Φ6.54
5	12	Φ8.18



KVG-24096-DWJ

KVG-24200-DWJ

Triac/0-10V/1-10V/Potentiometer/10V PWM 5 in 1
Dimmable LED driver



Phase dimming:
work with forward phase, MLV and Reverse phase, ELV, TRIAC dimmers.

0-10V Dimming:
0-10V/1-10V/Potentiometer/10V PWM 4 in 1

Dimming range: 0-100%

MODEL		96 Watt	KVG-24096-DWJ	200Watt	KVG-24200-DWJ
OUTPUT	DC Voltage	24V		24V	
	Voltage Tolerance	±0.5V		±0.5V	
	Voltage Regulation	±0.5%		±0.5%	
	Rated current	4A		8.33A	
	Rated power	96W		200W	
	Load Regulation	±1%		±1%	
INPUT	Voltage Range	100-277VAC			
	Frequency Range	47 - 63Hz			
	Power Factor (Typ.)@ full load	0.98@120VAC	0.95@277VAC	0.98@120VAC	0.95@277VAC
	THD(Typ.) @ full load	<20%@120VAC & 277VAC			
	Efficiency(Typ.) @ full load	≥83%@120VAC	≥86%@277VAC	≥86%@120VAC	≥88%@277VAC
	AC Current (Max.)	1.3A			
	Inrush Current (Typ.)	20A, 50%, 1.6ms @120VAC; 25A, 50% 1.2ms @277VAC		15A, 50%, 1.4ms @120VAC; 30A, 50% 1.4ms @277VAC	
Leakage current	<0.5mA				
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition removed		Shut down o/p voltage, re-power on to recover after fault condition removed	
	Over Load	≤120% constant current limiting, auto-recovery after fault condition removed		≤120% constant current limiting, auto-recovery after fault condition removed	
	Over temperature	100°C±10°C shut down o/p voltage, automatically recover after cooling		100°C±10°C shut down o/p voltage, automatically recover after cooling	
Environment	Working TEMP.	-40~+60°C			
	Working Humidity	20 - 95%RH non-condensing			
	Storage TEM.,Humidity	-40 - +80°C,10 - 95% RH non-condensing			
	TEMP.coefficient	±0.03%/°C(0 - 50°C)			
	Vibration	10~500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axes			
Safety & EMC	Safety standards	UL8750 , CAN/CSA-C22.2 No.250.13			
	Withstand voltage	I/P-O/P: 1.8KVAC I/P-FG:1.8KVAC O/P-FG1.8KVAC			
	Isolation resistance	I/P-O/P: 100MΩ / 500VDC/ 25°C/ 70% RH			
	EMC Emission	FCC 47 CFR Part 15 ,Subpart B			
Certificate	UL /cUL /FCC /Class2 /CE /Rohs /REACH		UL / cUL / FCC / CE / Rohs / REACH		



CL-Track driver box-96W

Triac/0-10V/1-10V/Potentiometer/10V PWM 5 in 1
Dimmable LED driver

96watt power supply in driver box for direct connection to track profile.

Phase dimming:
work with forward phase, MLV and Reverse phase, ELV, TRIAC dimmers.

0-10V Dimming:
0-10V/1-10V/Potentiometer/10V PWM 4 in 1

Dimming range: 0-100%

MODEL		96 Watt	KVG-24096-DWS
OUTPUT	DC Voltage	24V	
	Voltage Tolerance	±0.5V	
	Voltage Regulation	±0.5%	
	Rated current	4A	
	Rated power	96W	
	Load Regulation	±1%	
INPUT	Voltage Range	100-277VAC	
	Frequency Range	47 - 63Hz	
	Power Factor (Typ.)@ full load	0.995@120VAC	0.987@277VAC
	THD(Typ.) @ full load	<10%@120VAC <15%@277VAC	
	Efficiency(Typ.) @ full load	85%@120VAC	88%@277VAC
	AC Current (Max.)	1.3A	
	Inrush Current (Typ.)	11A ,1.04ms@50%120VAC 27A ,960us@50%277VAC	
Leakage current	<0.5mA		
Protection	Short Circuit	Shut down o/p voltage, recovers automatically after fault condition is removed	
	Over Load	≤120% Hiccup mode, recovers automatically after fault condition is removed	
	Over temperature	Shell surface temp.100°C±10°C shut down o/p voltage, automatically recover after cooling	
Environment	Working TEMP.	-40~+60°C	
	Working Humidity	20 - 95%RH non-condensing	
	Storage TEM.,Humidity	-40 - +80°C,10 - 95% RH non-condensing	
	TEMP.coefficient	±0.03%/°C(0 - 50°C)	
	Vibration	10~500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axes	
Safety & EMC	Safety standards	UL8750 , CAN/CSA-C22.2 No.250.13	
	Withstand voltage	I/P-O/P:1.8KVAC(US)	
	Isolation resistance	I/P-O/P: 100MΩ / 500VDC/ 25°C/ 70% RH	
	EMC Emission	FCC 47 CFR Part 15 ,Subpart B	
Certificate	UL/cUL/FCC/Class2/CE/ROHS/Reach		

