

ARKEON

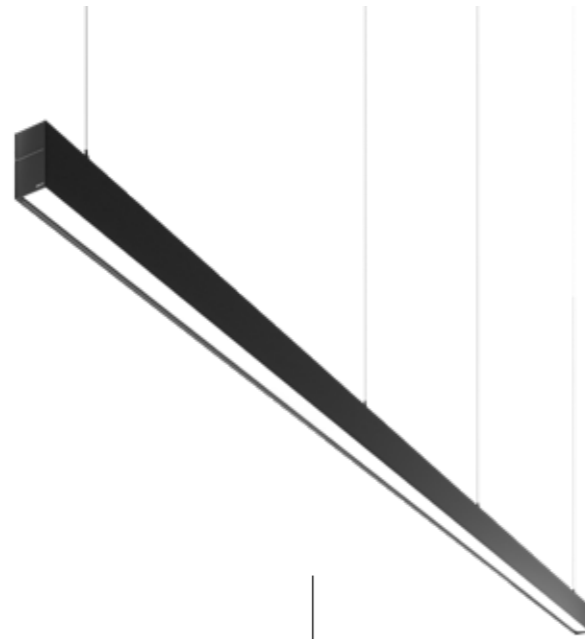
ID CODE: 46

Arkeon is the new profile developed by Esse-ci to be extremely **flexible** and **high performing**. A linear design that integrates perfectly in any context such as an office, showroom, a retail or hospitality space. Available with both direct and direct/indirect emission, it guarantees a **seamless illumination**, even for the indirect part.

Different optics are available, such as the **new CLD collimated optics** and the **high contrast optics** as well as the possibility of inserting spot modules for accent lighting.

See also:

- ARKEON WALL p. 370
- ARKEON MED p. 456
- ARKEON HCL p. 477



Design
esse-ci

FEATURES

- Direct Emission
- Direct/Indirect Emission
- UGR <16; <19; <22
- IP 40

LED

- 3000K/4000K
- >125 lm/W
- CRI >90
- Eye safety: RG0/RG1
- Mac Adams 3
- L80/B10 >50.000h

CERTIFICATIONS

- CE
- A++
- 5 years warranty

ON REQUEST

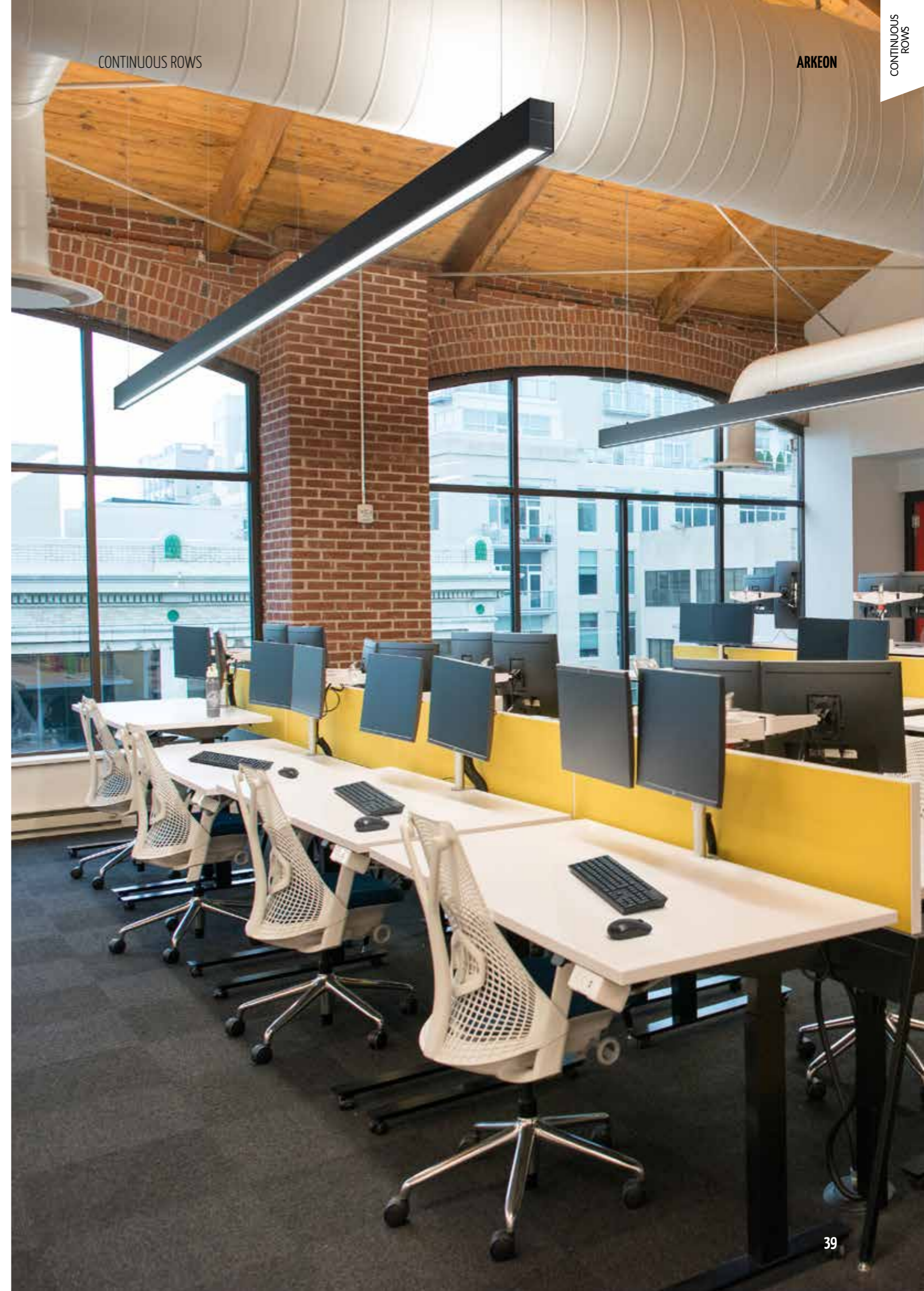
- DALI - RDD code (verify the version)
- BT Easy connect - BEM/BES code
- Emergency kit 1/3 hour EM/EM 3h code
- 2700K - 6500K
- ETL READY

Specifications Built-in driver.

- Optic**
- Direct / indirect emission with CLD technology diffuser (UGR<16)
 - PG frosted diffuser UGR<22
 - Polycarbonate asymmetric lens
 - High Contrast lens
 - Continuous indirect emission
 - SPOT modules with adjustable emission lens from 10° to 40°

Body Aluminum extruded body with epoxy powder coating.

- Colour**
- Matt white RAL 9003 - Code: B
 - Matt black RAL 9005 - Code: C8

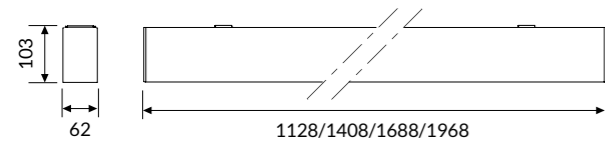


ARKEON HIGH EFFICIENCY CLD

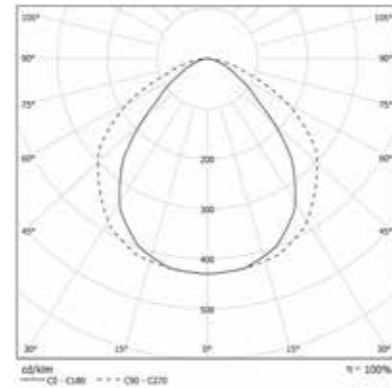
OPTIC

Direct emission with CLD technology diffuser (collimated diffuser UGR<1.6).

End caps not included. See accessories on p. 48.



IP 40 A++

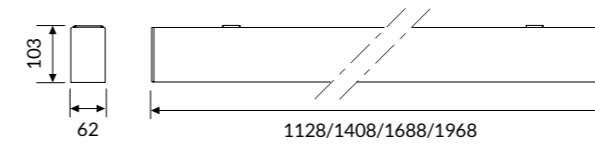


ARKEON HIGH EFFICIENCY CLD DOUBLE EMISSION

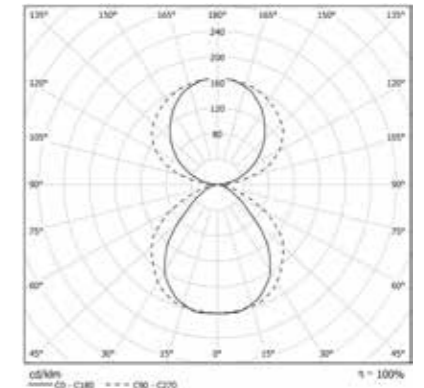
OPTIC

Direct / indirect emission with CLD technology diffuser (collimated diffuser UGR<1.6). Continuous indirect emission.

End caps not included. See accessories on p. 48.



IP 40 A++



COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DR19CLDL490	19W	2375	1128
46DR24CLDL490	24W	3000	1408
46DR29CLDL490	29W	3625	1688
46DR34CLDL490	34W	4250	1968

COD	💡	lm	mm
46DR19CLDL390	19W	2209	1128
46DR24CLDL390	24W	2790	1408
46DR29CLDL390	29W	3371	1688
46DR34CLDL390	34W	3933	1968

COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DI38CLDL490	38W	4513	1128
46DI48CLDL490	48W	5700	1408
46DI58CLDL490	58W	6889	1688
46DI68CLDL490	68W	8075	1968

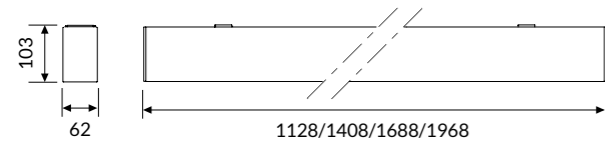
COD	💡	lm	mm
46DI38CLDL390	38W	4197	1128
46DI48CLDL390	48W	5301	1408
46DI58CLDL390	58W	6405	1688
46DI68CLDL390	68W	7511	1968

ARKEON HIGH OUTPUT CLD

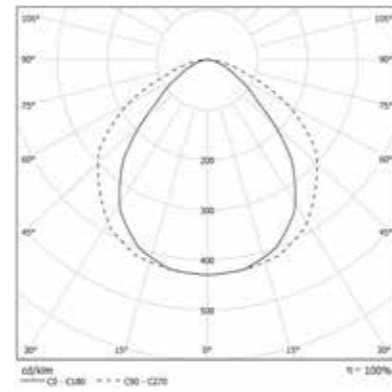
OPTIC

Direct emission with CLD technology diffuser (collimated diffuser UGR<1.6).

End caps not included. See accessories on p. 48.



IP 40 A++

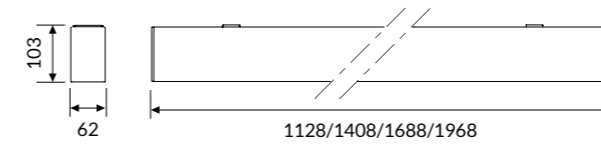


ARKEON HIGH OUTPUT CLD DOUBLE EMISSION

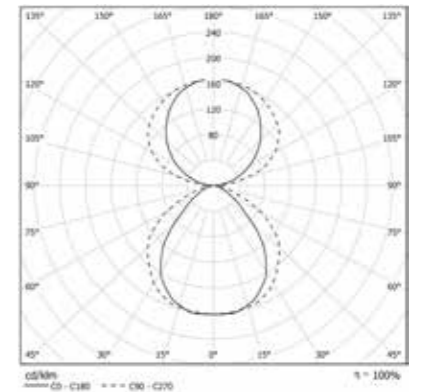
OPTIC

Direct / indirect emission with CLD technology diffuser (collimated diffuser UGR<1.6). Continuous indirect emission.

End caps not included. See accessories on p. 48.



IP 40 A++



COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DR40CLDL490HO	40W	4200	1128
46DR50CLDL490HO	50W	5250	1408
46DR60CLDL490HO	60W	6300	1688
46DR70CLDL490HO	70W	7350	1968

COD	💡	lm	mm
46DR40CLDL390HO	40W	3906	1133
46DR50CLDL390HO	50W	4882	1413
46DR60CLDL390HO	60W	5858	1693
46DR70CLDL390HO	70W	6835	1968

COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DI59CLDL490HO	59W	6338	1128
46DI74CLDL490HO	74W	7950	1408
46DI89CLDL490HO	89W	9563	1688
46DI104CLDL490HO	104W	11600	1968

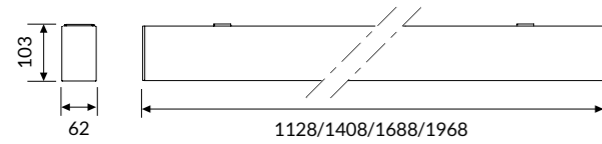
COD	💡	lm	mm
46DI59CLDL390HO	59W	5894	1128
46DI74CLDL390HO	74W	7393	1408
46DI89CLDL390HO	89W	8892	1688
46DI104CLDL390HO	104W	10768	1968

ARKEON HC DOUBLE EMISSION

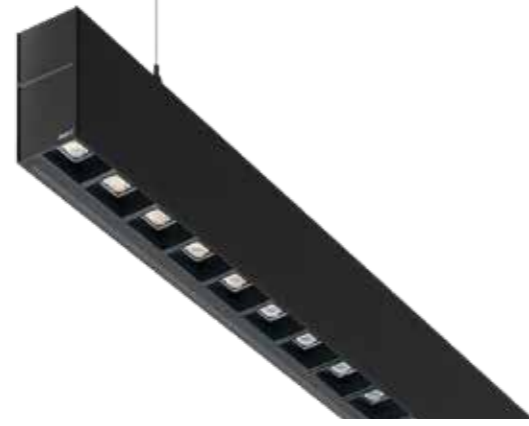
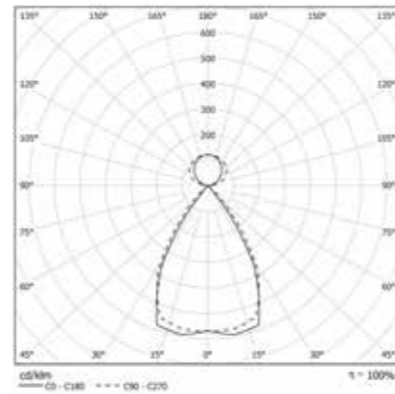
OPTIC

High Contrast diffuser (UGR<16).

End caps not included. See accessories on p. 48.



IP 40 A++



DIRECT // INDIRECT EMISSION

mm	Power Direct Mod.	Power Indirect Mod. HE
1128	36W	19W
1408	45W	24W
1688	54W	29W
1968	90W	48W

COLOUR TEMPERATURE

4000K

COD	💡	lm	mm
46DI55DKL490	55W	5990	1128
46DI69DKL490	69W	7515	1408
46DI83DKL490	83W	9041	1688
46DI138DKL490	138W	15030	1968

3000K

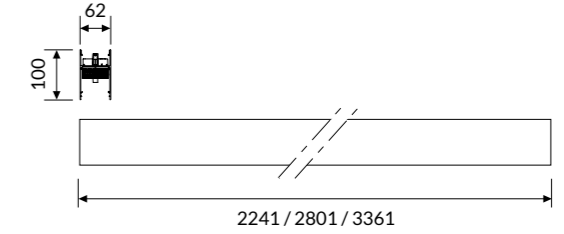
COD	💡	lm	mm
46DI55DKL390	55W	5575	1128
46DI69DKL390	69W	6989	1408
46DI83DKL390	83W	8408	1688
46DI138DKL390	138W	13978	1968

ARKEON FREE PROFILE - SUSPENDED/CEILING

5 poles prewired aluminum body for ceiling and suspension applications. 10 poles on request.

COD	mm
46AA2241	2241
46AA2801	2801
46AA3361	3361

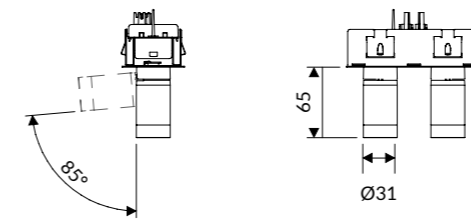
IP 20



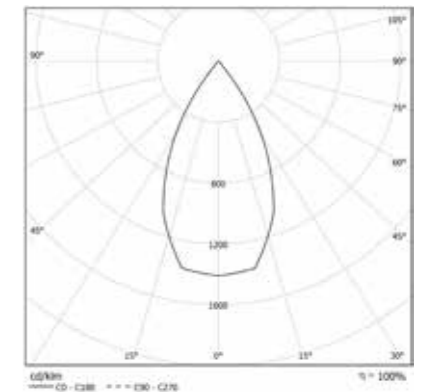
ARKEON FREE SPOT2X

OPTIC

Internal lens: adjustable emission from 10° to 40°



IP 40 A+



COLOUR TEMPERATURE

4000K

COD	💡	lm
46ZM23L490	2x3W	524
46ZM27L490	2x7W	1120

3000K

COD	💡	lm
46ZM23L390	2x3W	476
46ZM27L390	2x7W	1020

ARKEON FREE HIGH EFFICIENCY DIRECT

High efficiency lighting module , CRI>90.



IP 20 A++

COLOUR TEMPERATURE 4000K 3000K

COD	W	lm	mm
46AA5L490	5W	780	280
46AA10L490	10W	1560	560
46AA14L490	14W	2340	840
46AA19L490	19W	3120	1120
46AA24L490	24W	3900	1400
46AA29L490	29W	4680	1680

COD	W	lm	mm
46AA5L390	5W	750	280
46AA10L390	10W	1500	560
46AA14L390	14W	2250	840
46AA19L390	19W	3000	1120
46AA24L390	24W	3750	1400
46AA29L390	29W	4500	1680

ARKEON FREE HIGH OUTPUT DIRECT

High output lighting module , CRI>90.



IP 20 A++

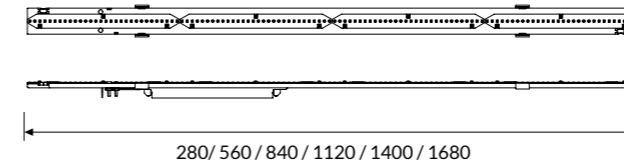
COLOUR TEMPERATURE 4000K 3000K

COD	W	lm	mm
46AA10L490HO	10W	1520	280
46AA20L490HO	20W	3040	560
46AA30L490HO	30W	4560	840
46AA40L490HO	40W	6080	1120
46AA50L490HO	50W	7600	1400
46AA60L490HO	60W	9120	1680

COD	W	lm	mm
46AA10L390HO	10W	1450	280
46AA20L390HO	20W	2900	560
46AA30L390HO	30W	4350	840
46AA40L390HO	40W	5800	1120
46AA50L390HO	50W	7250	1400
46AA60L390HO	60W	8700	1680

ARKEON FREE HIGH EFFICIENCY INDIRECT

High output lighting module , CRI>90.



IP 20 A++

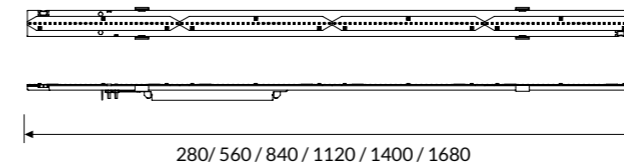
COLOUR TEMPERATURE 4000K 3000K

COD	W	lm	mm
46AA5L490HEIN	5W	780	280
46AA10L490HEIN	10W	1560	560
46AA14L490HEIN	14W	2340	840
46AA19L490HEIN	19W	3120	1120
46AA24L490HEIN	24W	3900	1400
46AA29L490HEIN	29W	4680	1680

COD	W	lm	mm
46AA5L390HEIN	5W	750	280
46AA10L390HEIN	10W	1500	560
46AA14L390HEIN	14W	2250	840
46AA19L390HEIN	19W	3000	1120
46AA24L390HEIN	24W	3750	1400
46AA29L390HEIN	29W	4500	1680

ARKEON FREE HIGH OUTPUT INDIRECT

High output lighting module , CRI>90.



IP 20 A++

COLOUR TEMPERATURE 4000K 3000K

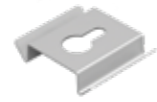
COD	W	lm	mm
46AA10L490HOIN	10W	1520	280
46AA20L490HOIN	20W	3040	560
46AA30L490HOIN	30W	4560	840
46AA40L490HOIN	40W	6080	1120
46AA50L490HOIN	50W	7600	1400
46AA60L490HOIN	60W	9120	1680

COD	W	lm	mm
46AA10L390HOIN	10W	1450	280
46AA20L390HOIN	20W	2900	560
46AA30L390HOIN	30W	4350	840
46AA40L390HOIN	40W	5800	1120
46AA50L390HOIN	50W	7250	1400
46AA60L390HOIN	60W	8700	1680

Accessories



46AA13
46AA1330
Single wire 1500mm / 3000mm long adjustable suspension kit.



46AA14
Ceiling mounting kit.



00AA16
00AA165P
00AA167P
00AA1610P
3, 5, 7, 10 poles-ceiling rose power cable. Cable length 2000mm.



46AA09
End caps kit.



46AA11
Electrified linear joint.



46AA05
2 ways joint.



46AA06
3 ways joint.



46AA07
4 ways joint.



46DR10L490A90: 10W(HE) 4000K
46DR10L390A90: 10W(HE) 3000K
46DR20L490A90: 20W(HO) 4000K
46DR20L390A90: 20W(HO) 3000K
2 ways luminous joint 90°.



46CLD5000
46CLD10000
CLD optic (collimated diffuser, UGR<16), 10m coil to be measured and cut on site to provide continuous gap-free light diffusion.



46PG5000
46PG10000
Methacrylate satin diffuser UGR<22, 10m coil to be measured and cut on site to provide continuous gap-free light diffusion.



46TR5000
46TR10000
Optional transparent diffuser for indirect emission, 10m coil to be measured and cut on site to provide continuous gap-free light diffusion.



46AS3000
Asymmetric lens, 3000mm.

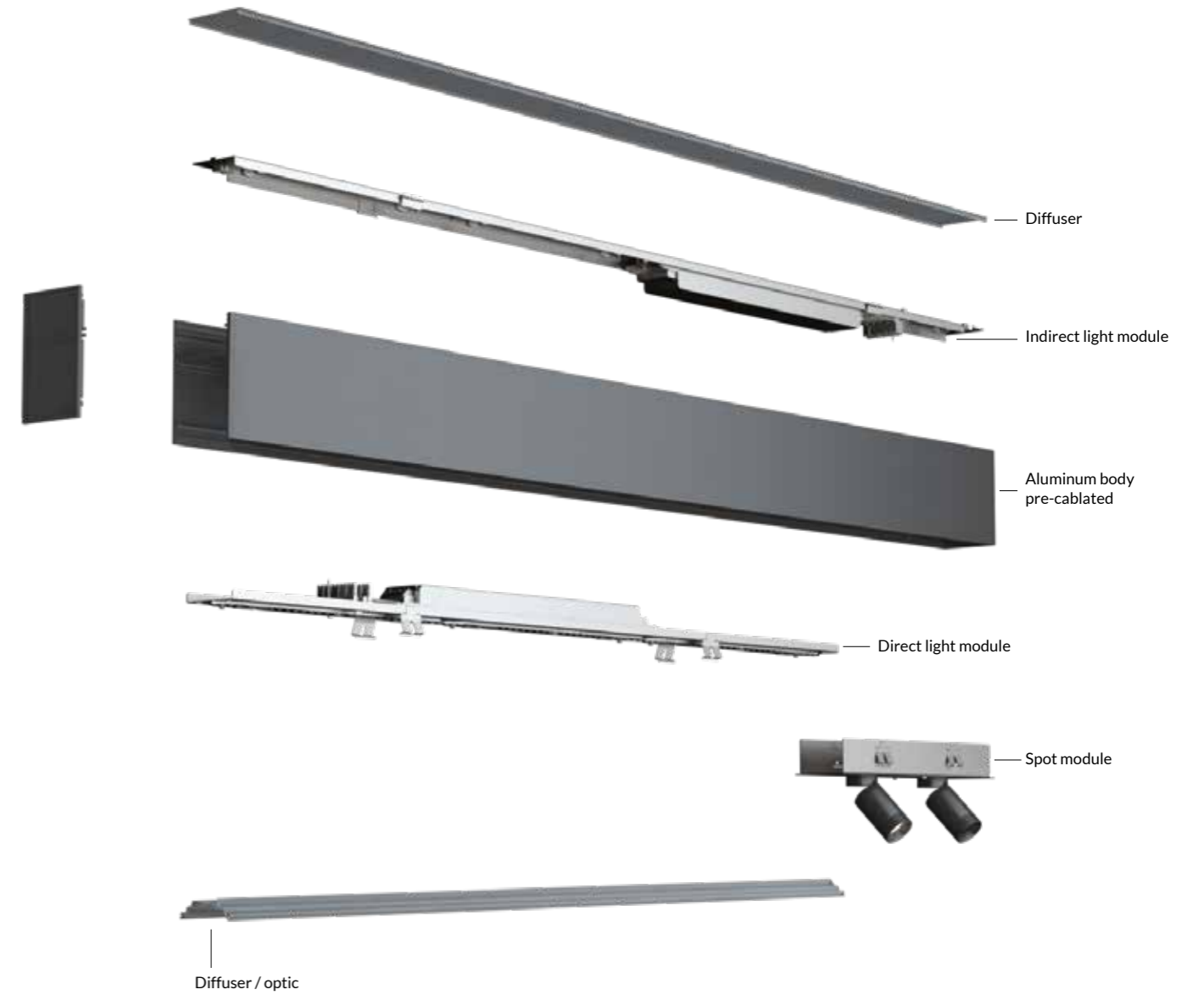


46MC500: 5 m
46MC1000: 10 m
Blind module connection in painted coil adaptable to size on site.

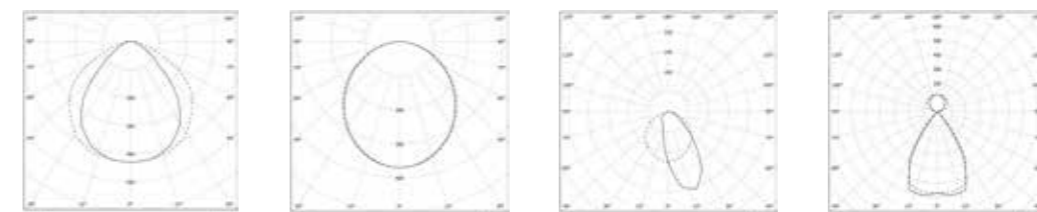
Technical Note

ASSEMBLY LAYOUT

ARKEON FREE PROFILE - ARKEON FREE - ARKEON FREE SPOT



PHOTOMETRIC CURVES OF OPTICS:



CLD optic PG optic asymmetric optic High Contrast optic