

ARKEON

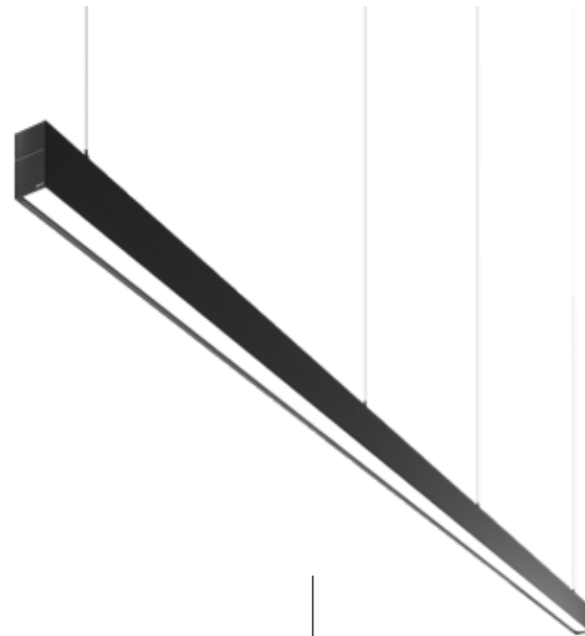
ID CODE: 46

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

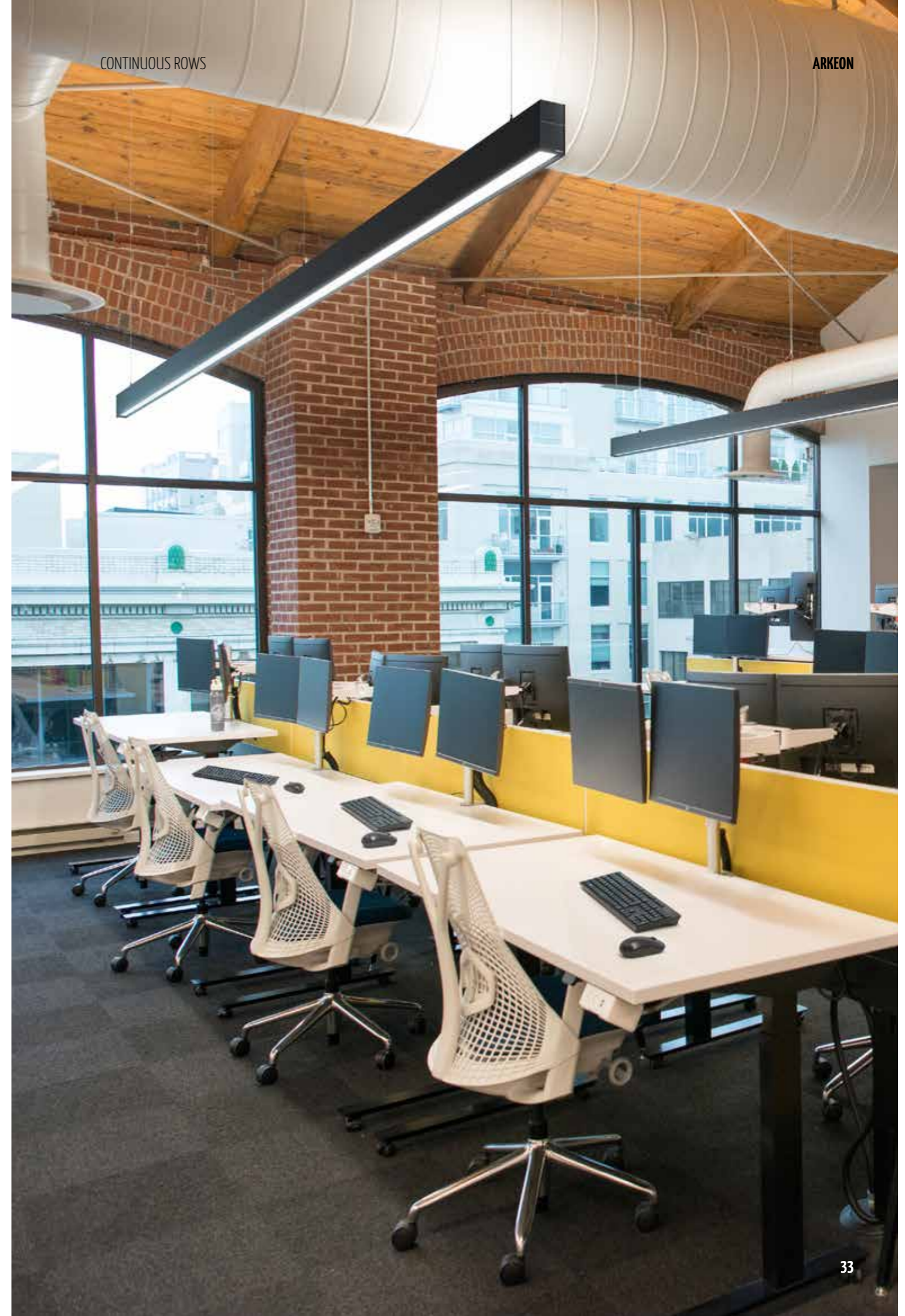
-  DALI - RDD code (verify the version)
-  BT Easy connect - BEM/BES code
-  Emergency kit 1/3 hour EM/EM 3h code
-  2700K - 6500K
-  **ETL** READY

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



CONTINUOUS ROWS

ARKEON

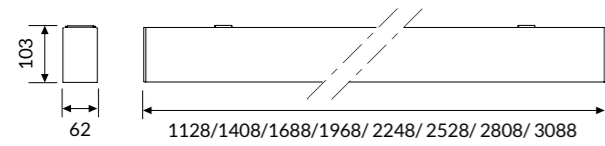
CONTINUOUS ROWS

ARKEON HIGH EFFICIENCY CLD

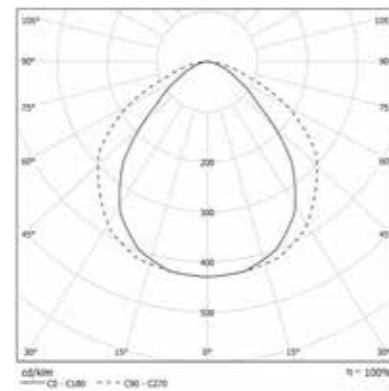
OPTIC

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

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



IP 40 A++



COLOUR TEMPERATURE

4000K

3000K

COD	Im	mm
46DR19CLDL490	19W	1917
46DR24CLDL490	24W	2422
46DR29CLDL490	29W	2927
46DR34CLDL490	34W	3431
46DR38CLDL490	38W	3835
46DR43CLDL490	43W	4339
46DR48CLDL490	48W	4844
46DR53CLDL490	53W	5349

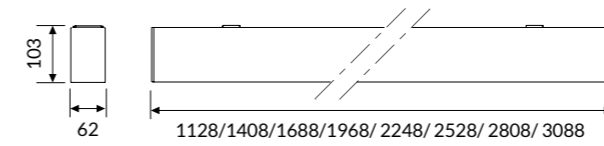
COD	Im	mm
46DR19CLDL390	19W	1844
46DR24CLDL390	24W	2329
46DR29CLDL390	29W	2814
46DR34CLDL390	34W	3299
46DR38CLDL390	38W	3687
46DR43CLDL390	43W	4172
46DR48CLDL390	48W	4658
46DR53CLDL390	53W	5143

ARKEON HIGH EFFICIENCY CLD DOUBLE EMISSION

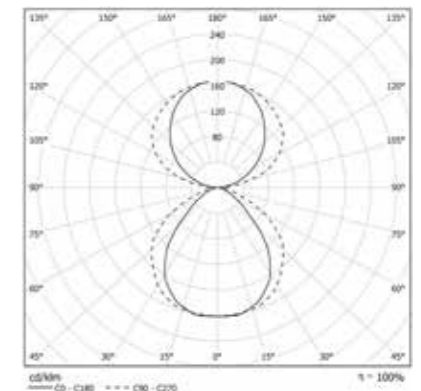
OPTIC

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++



DIRECT // INDIRECT EMISSION

mm	Power Direct Mod. HE	Power Indirect Mod. HE
1128	19W	19W
1408	24W	24W
1688	29W	29W
1968	34W	34W
2248	38W	38W
2528	43W	43W
2808	48W	48W
3088	53W	53W

COLOUR TEMPERATURE

4000K

3000K

COD	Im	mm
46DI38CLDL490	38W	4761
46DI48CLDL490	48W	6014
46DI58CLDL490	58W	7267
46DI68CLDL490	68W	8520
46DI76CLDL490	76W	9522
46DI86CLDL490	86W	10775
46DI96CLDL490	96W	12028
46DI106CLDL490	106W	13281

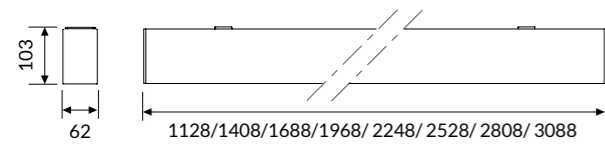
COD	Im	mm
46DI38CLDL390	38W	4578
46DI48CLDL390	48W	5782
46DI58CLDL390	58W	6987
46DI68CLDL390	68W	8192
46DI76CLDL390	76W	9156
46DI86CLDL390	86W	10360
46DI96CLDL390	96W	11565
46DI106CLDL390	106W	12770

ARKEON HIGH OUTPUT CLD

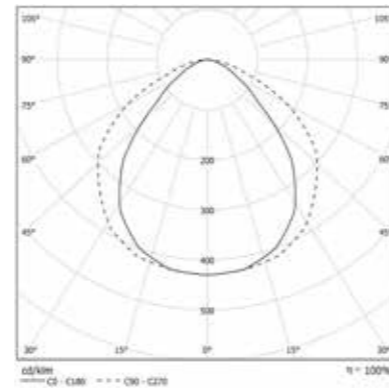
OPTIC

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

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



IP 40 A++

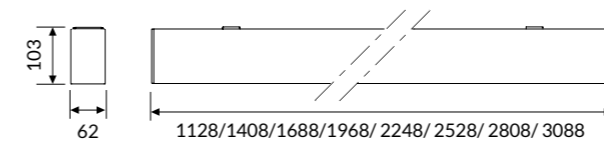


ARKEON HIGH OUTPUT CLD DOUBLE EMISSION

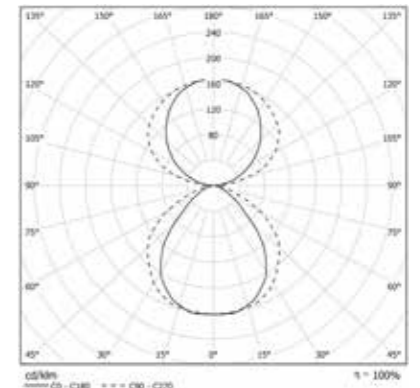
OPTIC

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++



DIRECT // INDIRECT EMISSION

mm	Pot. Mod. Diretta HO	Pot. Mod. Indiretta HE
1128	40W	19W
1408	50W	24W
1688	60W	29W
1968	70W	34W
2248	80W	38W
2528	90W	43W
2808	100W	48W
3088	110W	53W

COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DR40CLDL490HO	40W	3699	1128
46DR50CLDL490HO	50W	4624	1408
46DR60CLDL490HO	60W	5549	1688
46DR70CLDL490HO	70W	6474	1968
46DR80CLDL490HO	80W	7398	2248
46DR90CLDL490HO	90W	8323	2528
46DR100CLDL490HO	100W	9248	2808
46DR110CLDL490HO	110W	10173	3088

COD	💡	lm	mm
46DR40CLDL390HO	40W	3529	1128
46DR50CLDL390HO	50W	4411	1408
46DR60CLDL390HO	60W	5294	1688
46DR70CLDL390HO	70W	6176	1968
46DR80CLDL390HO	80W	7058	2248
46DR90CLDL390HO	90W	7940	2528
46DR100CLDL390HO	100W	8823	2808
46DR110CLDL390HO	110W	9705	3088

COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DI59CLDL490HO	59W	6618	1128
46DI74CLDL490HO	74W	8300	1408
46DI89CLDL490HO	89W	9982	1688
46DI104CLDL490HO	104W	11665	1968
46DI118CLDL490HO	118W	13235	2248
46DI133CLDL490HO	133W	14918	2528
46DI148CLDL490HO	148W	16600	2808
46DI163CLDL490HO	163W	18282	3088

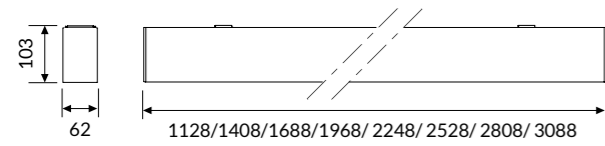
COD	💡	lm	mm
46DI59CLDL390HO	59W	6313	1128
46DI74CLDL390HO	74W	7918	1408
46DI89CLDL390HO	89W	9523	1688
46DI104CLDL390HO	104W	11128	1968
46DI118CLDL390HO	118W	12626	2248
46DI133CLDL390HO	133W	14231	2528
46DI148CLDL390HO	148W	15836	2808
46DI163CLDL390HO	163W	17441	3088

ARKEON HIGH EFFICIENCY PG

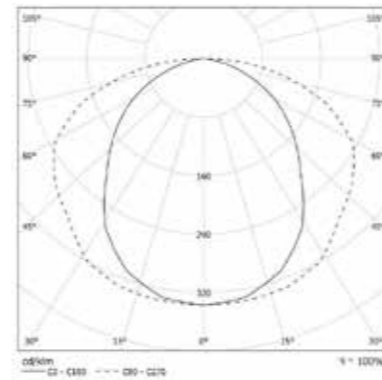
OPTIC

Direct emission with antistatic methacrylate satin diffuser. UGR<22.

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



IP 40 A++



COLOUR TEMPERATURE

4000K

COD	W	lm	mm
46DR19PGL490	19W	2198	1128
46DR24PGL490	24W	2777	1408
46DR29PGL490	29W	3356	1688
46DR34PGL490	34W	3934	1968
46DR38PGL490	38W	4397	2248
46DR43PGL490	43W	4975	2528
46DR48PGL490	48W	5554	2808
46DR53PGL490	53W	6133	3088

3000K

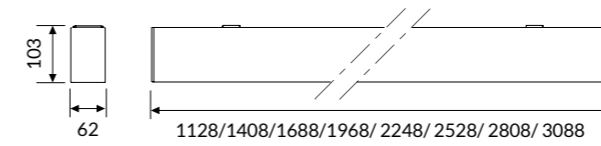
COD	W	lm	mm
46DR19PGL390	19W	2114	1128
46DR24PGL390	24W	2670	1408
46DR29PGL390	29W	3226	1688
46DR34PGL390	34W	3783	1968
46DR38PGL390	38W	4228	2248
46DR43PGL390	43W	4784	2528
46DR48PGL390	48W	5340	2808
46DR53PGL390	53W	5896	3088

ARKEON HIGH EFFICIENCY PG DOUBLE EMISSION

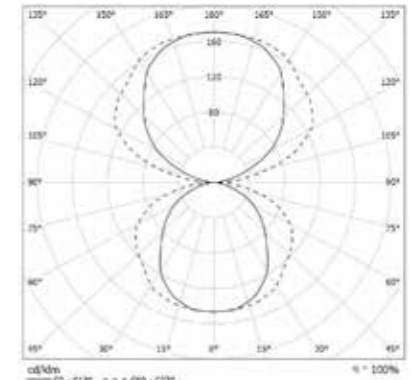
OPTIC

Direct / indirect emission with antistatic methacrylate satin diffuser. UGR<22. Continuous indirect emission and separate switching.

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



IP 40 A++



DIRECT // INDIRECT EMISSION

mm	Power Direct Mod. HE	Power Indirect Mod. HE
1128	19W	19W
1408	24W	24W
1688	29W	29W
1968	34W	34W
2248	38W	38W
2528	43W	43W
2808	48W	48W
3088	53W	53W

COLOUR TEMPERATURE

4000K

COD	W	lm	mm
46DI38PGL490	38W	5083	1128
46DI48PGL490	48W	6420	1408
46DI58PGL490	58W	7758	1688
46DI68PGL490	68W	9095	1968
46DI76PGL490	76W	10165	2248
46DI86PGL490	86W	11503	2528
46DI96PGL490	96W	12840	2808
46DI106PGL490	106W	14178	3088

3000K

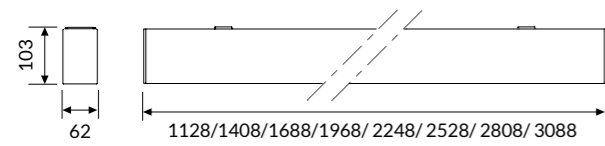
COD	W	lm	mm
46DI38PGL390	38W	4887	1128
46DI48PGL390	48W	6173	1408
46DI58PGL390	58W	7459	1688
46DI68PGL390	68W	8745	1968
46DI76PGL390	76W	9774	2248
46DI86PGL390	86W	11060	2528
46DI96PGL390	96W	12346	2808
46DI106PGL390	106W	13632	3088

ARKEON HIGH OUTPUT PG

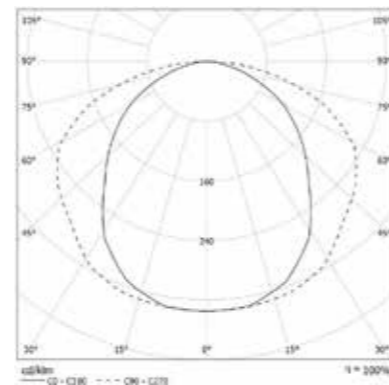
OPTIC

Direct emission with antistatic methacrylate satin diffuser. UGR<22.

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



IP 40 A++



COLOUR TEMPERATURE

4000K

COD	💡	lm	mm
46DR40PGL490HO	40W	4259	1128
46DR50PGL490HO	50W	5324	1408
46DR60PGL490HO	60W	6389	1688
46DR70PGL490HO	70W	7454	1968
46DR80PGL490HO	80W	8518	2248
46DR90PGL490HO	90W	9583	2528
46DR100PGL490HO	100W	10648	2808
46DR110PGL490HO	110W	11713	3088

3000K

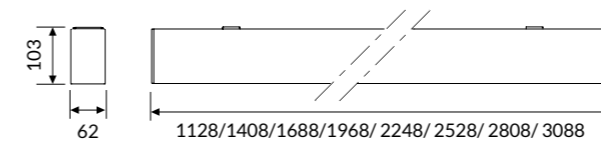
COD	💡	lm	mm
46DR40PGL390HO	40W	4063	1128
46DR50PGL390HO	50W	5079	1408
46DR60PGL390HO	60W	6095	1688
46DR70PGL390HO	70W	7111	1968
46DR80PGL390HO	80W	8127	2248
46DR90PGL390HO	90W	9142	2528
46DR100PGL390HO	100W	10158	2808
46DR110PGL390HO	110W	11174	3088

ARKEON HIGH OUTPUT PG DOUBLE EMISSION

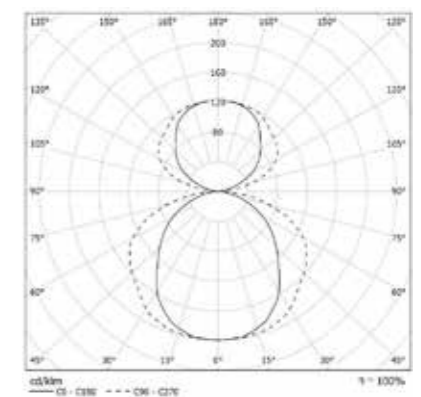
OPTIC

Direct / indirect emission with antistatic methacrylate satin diffuser. UGR<22. Continuous indirect emission and separate switching.

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



IP 40 A++



DIRECT // INDIRECT EMISSION

mm	Power Direct Mod. HE	Power Indirect Mod. HE
1128	40W	19W
1408	50W	24W
1688	60W	29W
1968	70W	34W
2248	80W	38W
2528	90W	43W
2808	100W	48W
3088	110W	53W

COLOUR TEMPERATURE

4000K

COD	💡	lm	mm
46DI59PGL490HO	59W	7094	1128
46DI74PGL490HO	74W	8897	1408
46DI89PGL490HO	89W	10700	1688
46DI104PGL490HO	104W	12504	1968
46DI118PGL490HO	118W	14187	2248
46DI133PGL490HO	133W	15991	2528
46DI148PGL490HO	148W	17794	2808
46DI163PGL490HO	163W	19597	3088

3000K

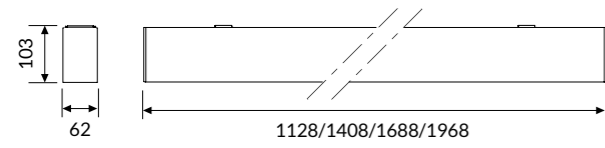
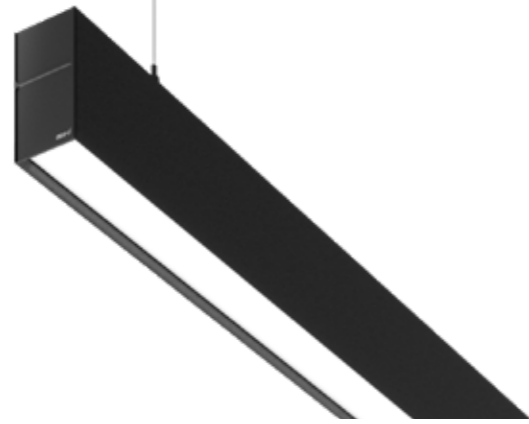
COD	💡	lm	mm
46DI59PGL390HO	59W	6767	1128
46DI74PGL390HO	74W	8488	1408
46DI89PGL390HO	89W	10208	1688
46DI104PGL390HO	104W	11929	1968
46DI118PGL390HO	118W	13535	2248
46DI133PGL390HO	133W	15255	2528
46DI148PGL390HO	148W	16975	2808
46DI163PGL390HO	163W	18696	3088

ARKEON HIGH EFFICIENCY AS

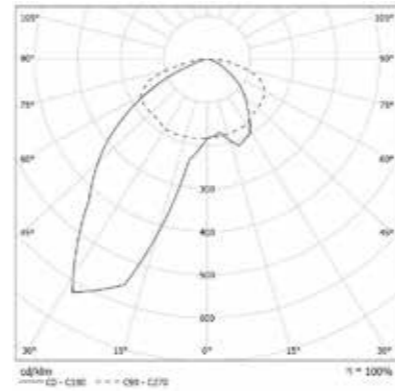
OPTIC

PMMA lens for asymmetrical emission.

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



IP 40 A++

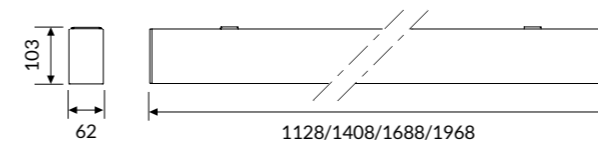
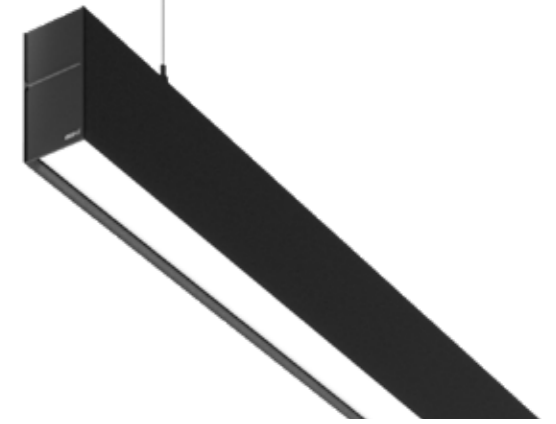


ARKEON HIGH OUTPUT AS

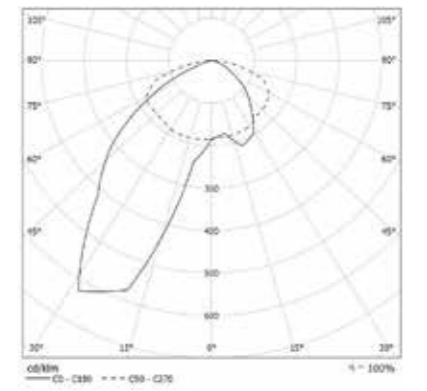
OPTIC

PMMA lens for asymmetrical emission.

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



IP 40 A++



COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DR19ASL490	19W	2513	1128
46DR24ASL490	24W	3174	1408
46DR29ASL490	29W	3835	1688
46DR34ASL490	34W	4497	1968

COD	💡	lm	mm
46DR19ASL390	19W	2416	1128
46DR24ASL390	24W	3052	1408
46DR29ASL390	29W	3688	1688
46DR34ASL390	34W	4323	1968

COLOUR TEMPERATURE

4000K

3000K

COD	💡	lm	mm
46DR40ASL490HO	40W	4874	1128
46DR50ASL490HO	50W	6092	1408
46DR60ASL490HO	60W	7310	1688
46DR70ASL490HO	70W	8529	1968

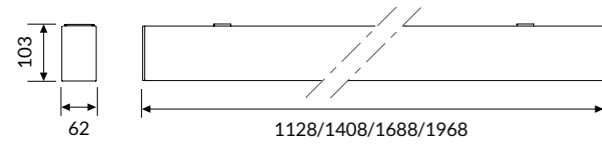
COD	💡	lm	mm
46DR40ASL390HO	40W	4649	1128
46DR50ASL390HO	50W	5812	1408
46DR60ASL390HO	60W	6974	1688
46DR70ASL390HO	70W	8136	1968

ARKEON DK DOUBLE EMISSION

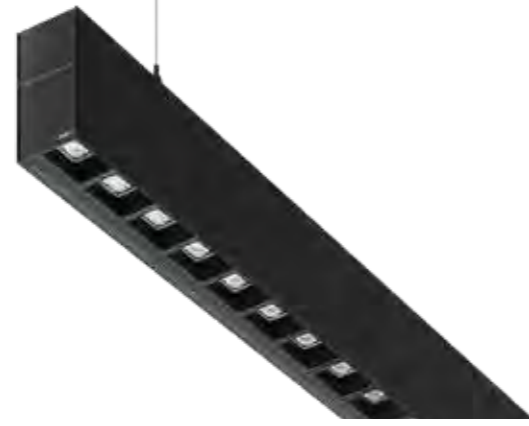
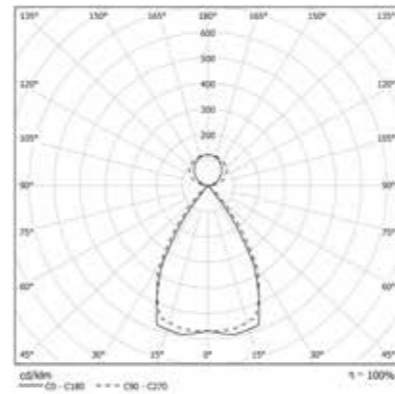
OPTIC

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

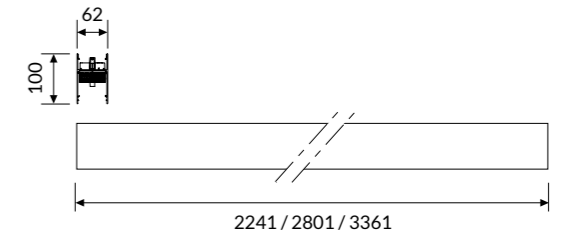
COD	💡	lm	mm
46DI55DKL390	55W	5575	1128
46DI69DKL390	69W	6989	1408
46DI83DKL390	83W	8408	1688
46DI138DKL390	138W	13978	1968

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

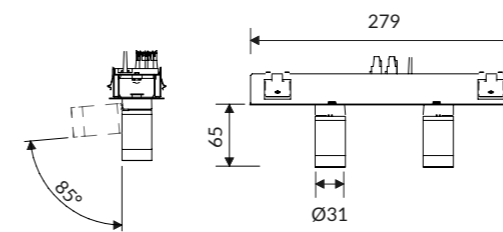
IP 20



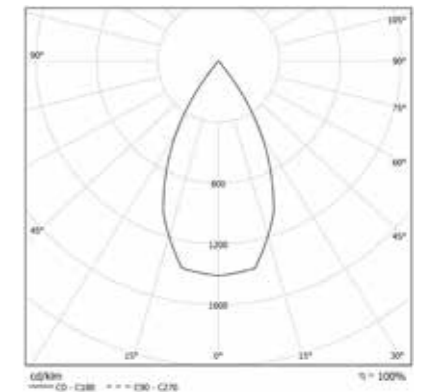
ARKEON FREE SPOT2X

OPTIC

Internal lens: adjustable emission from 10° to 40°



IP 40 A+



COLOUR TEMPERATURE

4000K

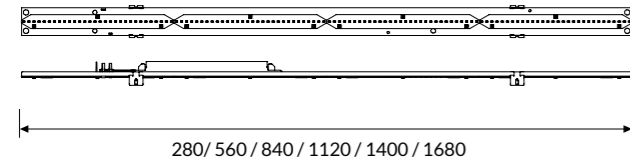
COD	💡	lm
46ZM23L490	2x3W	524
46ZM27L490	2x7W	1120

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	Light Bulb Icon	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	Light Bulb Icon	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++

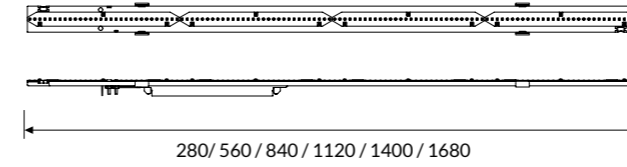
COLOUR TEMPERATURE 4000K 3000K

COD	Light Bulb Icon	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	Light Bulb Icon	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++

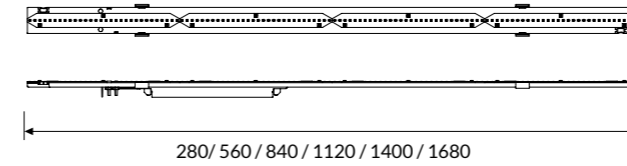
COLOUR TEMPERATURE 4000K 3000K

COD	Light Bulb Icon	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	Light Bulb Icon	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	Light Bulb Icon	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	Light Bulb Icon	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.



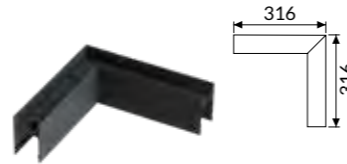
00AA16
00AA165P
00AA167P
00AA1610P
3, 5, 7, 10 poles-ceiling rose power cable. Cable length 2000mm.



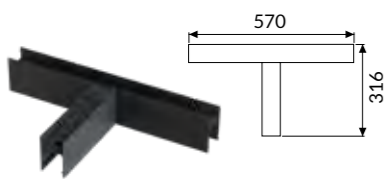
46AA09
End caps kit.



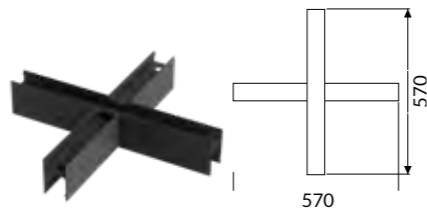
46AA11
Electrified linear joint.



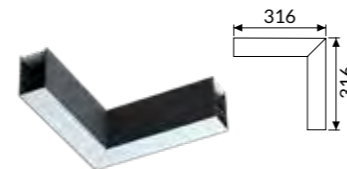
46AA05
2 ways joint.



46AA06
3 ways joint.



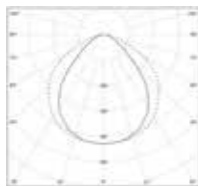
46AA07
4 ways joint.



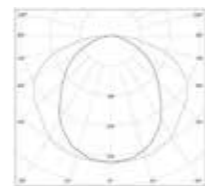
46DR10L490A90: 10W(HE) 4000K
46DR10L390A90: 10W(HE) 3000K
46DR20L490A90: 20W(HO) 4000K
46DR20L390A90: 20W(HO) 3000K
2 ways luminous joint 90°.



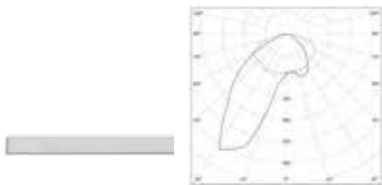
46CLD5000
46CLD10000
CLD optic (collimated diffuser, UGR<16), 10m coil to be measured and cut on site to provide continuous gap-free light diffusion.



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

