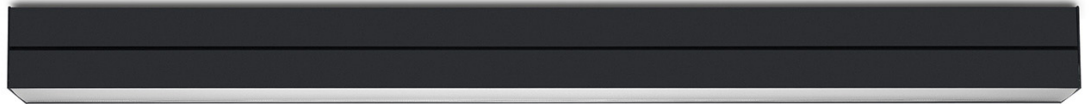
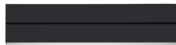
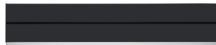
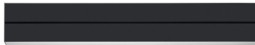


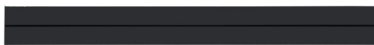
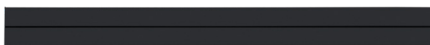




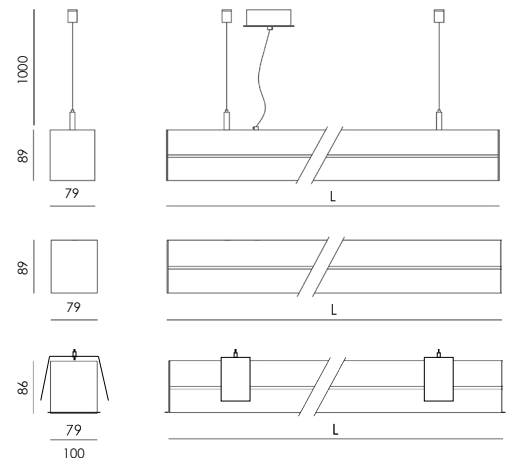
Crack Office

UGR < 19

The luminaire is made of die extruded aluminum profile. Cover caps without visible screws. Independent spacing of mounting elements and suspension. Unified glare rating UGR (4H8H) < 19. Luminance value $\geq 65^\circ$ < 3000 cd/m².



	1126mm 16W
	1406mm 19W
	1686mm 22W
	1967mm 25W
	2247mm 28W
	2527mm 31W
	2807mm 34W
	3087mm 37W
	3367mm 40W



general data:

luminaire body	aluminium
mounting type	suspended, surface mounted, recessed
ingress protection IP	40
operating temperature range	from -25°C to +35°C
lifetime L80B10	60 000 h

electrical data:

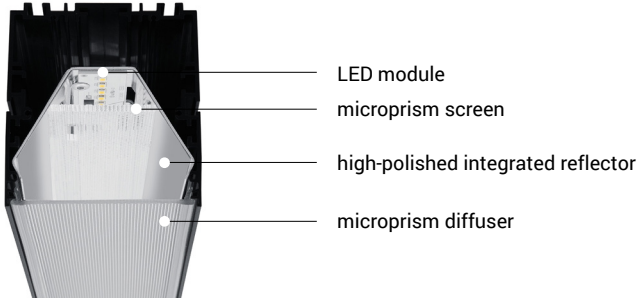
nominal voltage	220 - 240V AC
nominal frequency	50 - 60 Hz
luminaire nominal power	16W, 19W, 22W, 25W, 28W, 31W, 34W, 37W, 40W
protection class	I
contains light source	YES
connection	quick coupler
straight-through cabling	YES
dimming	ON/OFF options: DALI, Casambi, Tunable White

optical data:

optical system	microprism, PMMA, high-polished reflector
light emission	direct
light distribution	symmetrical
unified glare rating UGR (4H8H)	<19

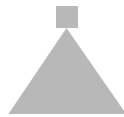
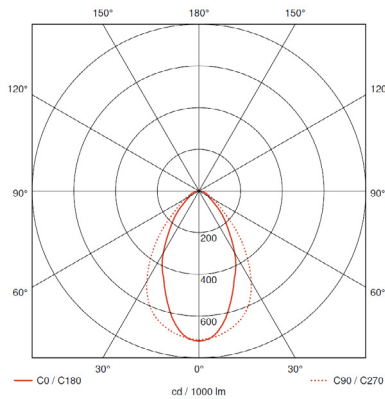
lighting data:

light source	LED
light source power	13W, 16W, 19W, 22W, 25W, 28W, 31W, 34W, 37W
luminous efficacy of light source / luminaire	196lm/W / 114 lm/W
colour temperature	3000K, 4000K options: 2700K, 5000K, 6500K
colour rendering index	CRI > 80 options: CRI > 90
colour tolerance SDCM	SDCM < 3
tolerance of luminous flux	+/- 10%
luminance	< 3000 cd/m ²



CRACK OFFICE 1700lm 16W L-1126mm

luminaire data:

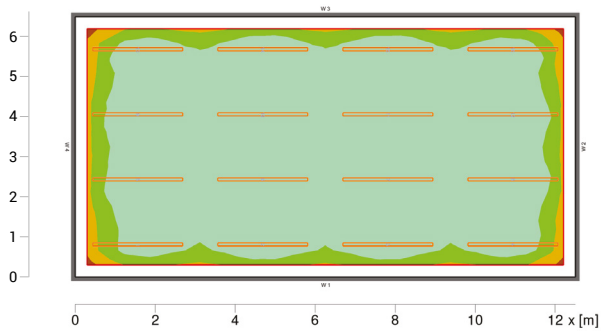


luminaire efficacy	107.63 lm/W
UGR	<19
power	16W
luminous flux	1722lm
colour temperature	4000K
CRI	80

EXAMPLES OF LIGHT CALCULATION

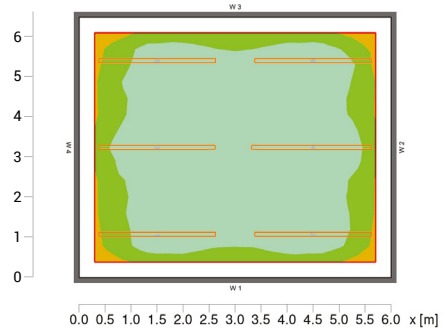
CRACK OFFICE 3500lm 28W L-2247mm

CRACK OFFICE 3500lm 28W L-2247mm



general data:

height of luminaire plane	2.80m
total power per area (81.25 m ²)	5.51 W/m ²
Em	534lx
E _{min}	384lx
E _{min} /E _m (U _o)	0.72
UGR (4.2H 8.0H)	<=18.7



general data:

height of luminaire plane	2.80m
total power per area (30 m ²)	5.60 W/m ²
Em	510lx
E _{min}	412lx
E _{min} /E _m (U _o)	0.81
UGR (3.2H 3.9H)	<=17.9

Changes are allowed due to technical products development

UGR < 19	code	power	length	colour temperature	luminous flux	weight	box
	194110.M.C	16W	1126mm	3000K	1640lm	3,8kg	1150x90x140mm
	194111.M.C	16W	1126mm	4000K	1720lm	3,8kg	1150x90x140mm
	194140.M.C	19W	1406mm	3000K	2050lm	4,5kg	1430x90x140mm
	194141.M.C	19W	1406mm	4000K	2160lm	4,5kg	1430x90x140mm
	194160.M.C	22W	1686mm	3000K	2460lm	6,1kg	1710x90x140mm
	194161.M.C	22W	1686mm	4000K	2590lm	6,1kg	1710x90x140mm
	194190.M.C	25W	1967mm	3000K	2870lm	7kg	1990x90x140mm
	194191.M.C	25W	1967mm	4000K	3020lm	7kg	1990x90x140mm
	194220.M.C	28W	2247mm	3000K	3280lm	8kg	2270x90x140mm
	194221.M.C	28W	2247mm	4000K	3450lm	8kg	2270x90x140mm
	194250.M.C	31W	2527mm	3000K	3690lm	9kg	2550x90x140mm
	194251.M.C	31W	2527mm	4000K	3880lm	9kg	2550x90x140mm
	194280.M.C	34W	2807mm	3000K	4100lm	10kg	2830x90x140mm
	194281.M.C	34W	2807mm	4000K	4310lm	10kg	2830x90x140mm
	194300.M.C	37W	3087mm	3000K	4510lm	11kg	3110x90x140mm
	194301.M.C	37W	3087mm	4000K	4740lm	11kg	3110x90x140mm
	194330.M.C	40W	3367mm	3000K	4920lm	12kg	3390x90x140mm
	194331.M.C	40W	3367mm	4000K	5170lm	12kg	3390x90x140mm

M
mounting
type



suspended



surface
mounted



recessed

C
colour



white



light
grey



grey
graphite



anoda



warm
white



grey



black