




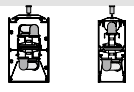



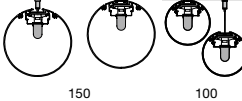









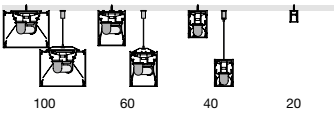

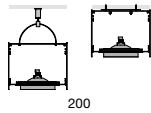

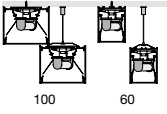

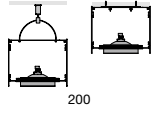

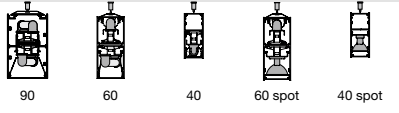
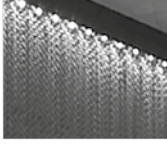





06

SURFACE MOUNTED | SUSPENDED PROFILES

Luminarias Superficiales | Suspendidas

Накладные и подвесные профильные системы

	REMO  80	400		STILO system  90 60	442
	REMO system  80	402		TUBO  150 100	448
	CORNER  65	406		TUBO system  150 100	450
	CORNER system  75	408		EVANA  100	462
	MINO  100 60 40 20	412		BAT  200	464
	MINO system  100 60	420		BAT system  200	468
	STILO  90 60 40 60 spot 40 spot	428		JANE  ceiling	472
	STILO soft  60 spot	438			



TYPE		REMO 80		
	e LED	TYPE 6W e LED 400 lm* 13W e ² LED 900 lm* 9W e LED 800 lm* 20W e ² LED 1350 lm* 12W e LED 800 lm* 26W e ² LED 1800 lm* 24W e LED 1600 lm* 53W e ² LED 3600 lm*	L (MM) 592 592 892 892 1192 1192 2364 2364	CODE 057-3122###_ 057-3132###_ 057-3#23###_ 057-3#33###_ 057-3#24###_ 057-3#28###_ 057-3#38###_ 057-31#21###_ 057-3#31###_ 057-3#41###_ 057-3#51###_ 057-3#81###_ 057-3#81##P 057-3#081###
	e ² LED	TYPE 1x14/24W T16 1x21/39W T16 1x28/54W T16 1x35/49/80W T16 2x1x28/54W T16 offset 2x1x28/54W T16 2x1x28/54W T16	L (MM) 592 892 1192 1492 2250 2364 2364	CODE 057-31#21###_ 057-3#31###_ 057-3#41###_ 057-3#51###_ 057-3#81###_ 057-3#81##P 057-3#081###

MOUNTING		
 1	 2	057-__1__ ceiling mounted 2__ 2000mm cable suspension

REFLECTOR		
 0	 1	057-__0__ without reflector 1__ with reflector (not for louver) I for increase in efficiency see diagram

LED COLOUR TEMPERATURE		
 5	 6	057-__5__ 3000K 6__ 4000K * Luminous Flux (microprismatic)

CONTROL				
 1	 2	 3	 5	057-__1__ non dimmable 2__ DIM 1-10V 3__ DIM DALI 5__ push-button (only for LED)

COLOUR		
 7	 8	057-__7__ white 8__ black

LIGHT OPTIC COVER				
 O	 C	 P	 L	057-__O__ opal C clear linear prismatic P microprismatic L louver (only for T16)

E

Housing made of rounded, extruded aluminium
 Surface white or black powder coating
 Rounded end cap made of aluminium
 Satined, clear or microprismatic PMMA-cover and dark louver
 Version with highly efficient reflector for an improved efficiency
 Highly efficient LEDs with high CRI
 T16 DALI ballast with additional touch dimming via push button
 Adjustable cable suspension or direct mounting, toolless adjustment

ESP

Perfil redondeado de aluminio extrudido
 Superficie con barniz estructurado blanco o negro
 Tapa final de aluminio con esquinas redondeadas
 Tapa PMMA satinada, clara o micro estructurada así como Darklight
 Versión con reflector de alta eficiencia para un rendimiento eficaz
 LED de alta eficiencia con alta reproducción cromática
 Balastro para T16 con DALI con función Touch-DIM adicional
 Montaje directo o suspensión reajutable en altura sin herramientas

RU

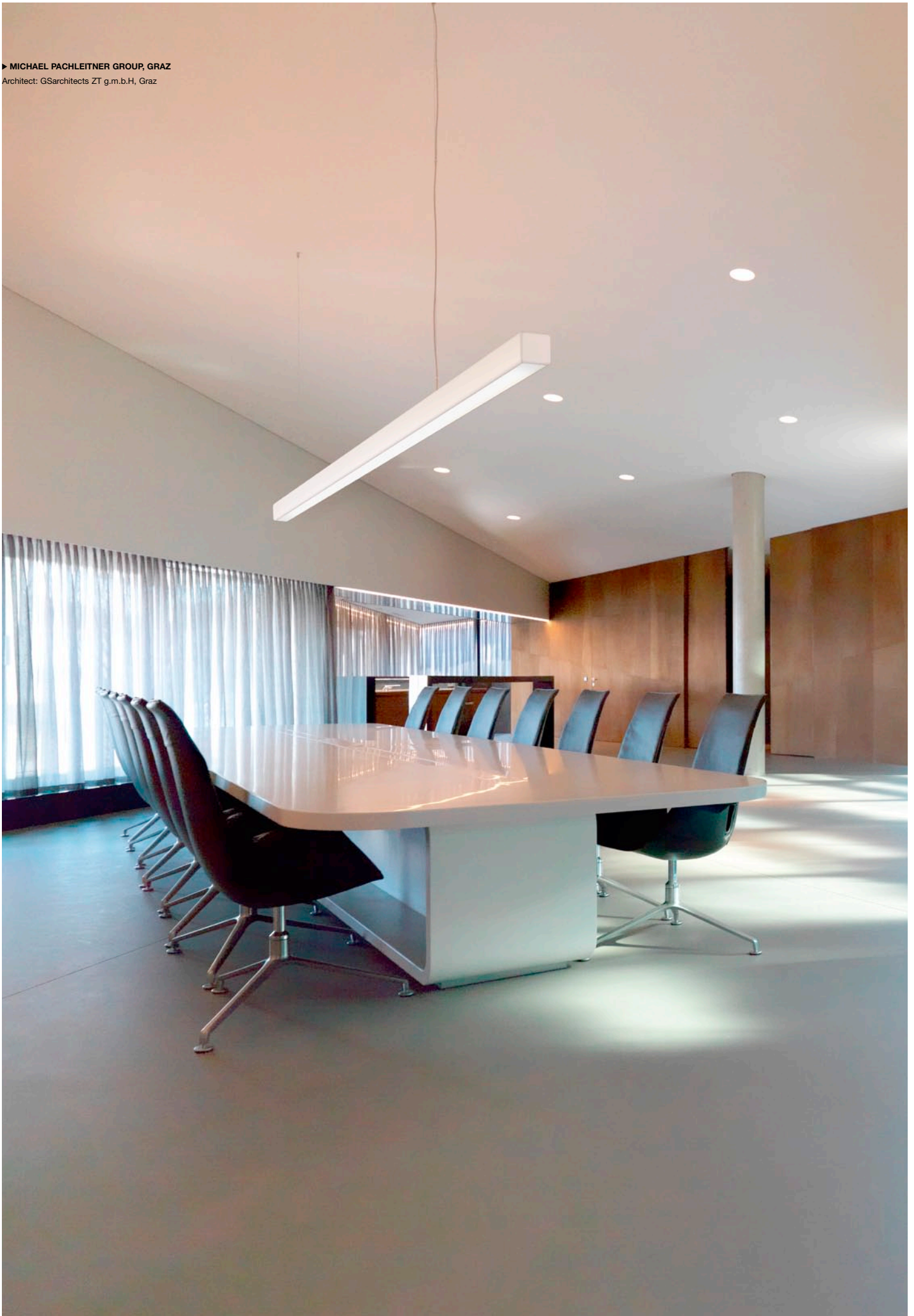
Круглый корпус из алюминия
 Поверхность: белая или черная порошковая окраска
 Полукруглые заглушки из алюминия
 Рассеиватели: прозрачный, микропризматический, PMMA либо зеркальная решетка
 Доступен рефлектор с повышенной светоотдачей
 Энергоэффективные LED с высоким индексом цветопередачи
 T16 DALI балласт с доп. функцией димирования через кнопку
 Регулируемый подвес или в потолочной версии исполнения

TECHNICAL DATA

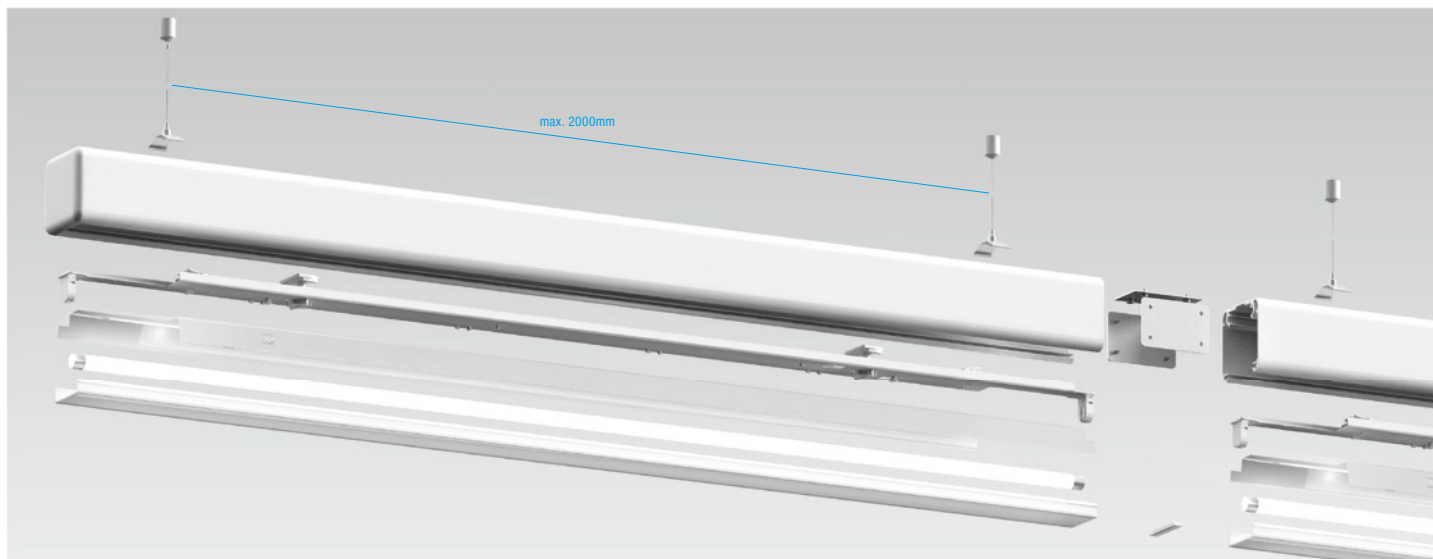
LOR LIGHT OUTPUT RATIO (REMO 80 12W e LED)				REMO 80 12W e LED (Microprismatic)	
η %	OPAL	LP	MP	Im/m	X=4H Y=8H
90				760	S=0,25H
80				600	Reflection factors
70				440	UGR transversal
60					UGR axial
50					UGR axial
40					65° < 3000 cd/m ²
					n %
					Light output ratio
					ULOR
					DLOR
					± 0%
					↓ 100%

LOR LIGHT OUTPUT RATIO (REMO 80 26W e ² LED)				REMO 80 26W e ² LED (Microprismatic)	
η %	OPAL	LP	MP	Im/m	X=4H Y=8H
90				1700	S=0,25H
80				1350	Reflection factors
70				1000	UGR transversal
60					UGR axial
50					UGR axial
40					<22
					n %
					Light output ratio
					ULOR
					DLOR
					± 0%
					↓ 100%

LOR LIGHT OUTPUT RATIO (REMO 80 1x28W T16)				REMO 80 1x28W T16 + Refl. (Microprismatic)	
η %	OPAL	LP	MP	Im/m	X=4H Y=8H
90				2020	S=0,25H
80				1550	Reflection factors
70				1080	UGR transversal
60					UGR axial
50					UGR axial
40					<22
					n %
					Light output ratio
					ULOR
					DLOR
					± 0%
					↓ 100%







REMO 80

		<p>REMO 80 Installation channel</p> <p>L (MM)</p> <p>572 872 1172 1472 2230 2344 3000 custom cut</p>	<p>CODE</p> <p>034-0068# 034-0098# 034-0128# 034-0158# 034-0248# 034-0258# 034-0308# 853-20xxxx#</p>
		<p>REMO 80 Blind cover</p> <p>L (MM)</p> <p>572 872 1172 1472 2230 2344 3000 custom cut</p>	<p>CODE</p> <p>006-1806# 006-1809# 006-1812# 006-1815# 006-1823# 006-1824# 006-1830# 806-30xxxx#</p>
		<p>REMO 80 End caps</p> <p>COLOUR</p> <p>white black</p>	<p>CODE</p> <p>034-13087 034-13088</p>
		<p>REMO 80 Corner connector 90°</p> <p>TYPE</p> <p>blind cover opal clear microprismatic</p>	<p>CODE</p> <p>034-1268# 034-1268#O 034-1268#C 034-1268#P</p>
		<p>REMO 80 Linear connector</p> <p>TYPE</p> <p>linear connector opal cover linear connector clear cover linear connector</p>	<p>CODE</p> <p>005-40036 006-14000 006-16000</p>
		<p>REMO 80 Suspension</p> <p>TYPE</p> <p>cable suspension cable suspension clip suspension</p> <p>L (MM)</p> <p>2000 4000 10</p>	<p>CODE</p> <p>034-11526 034-11626 034-11636</p>

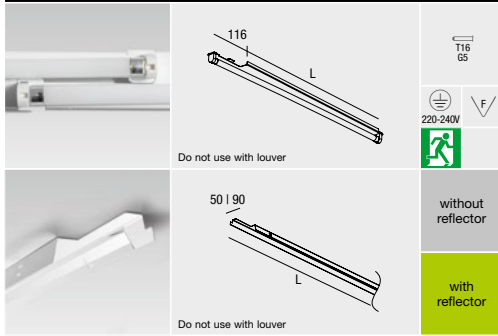
ELECTRICAL

	<p>REMO 80 Through wire</p> <p>TYPE</p> <p>3-pole 5-pole</p> <p>10 pieces per pack</p>	<p>CODE</p> <p>004-90003 004-90005</p>		<p>REMO 80 Power feeder</p> <p>TYPE</p> <p>3x1,5mm² 5x1,5mm² 3x1,5mm² 5x1,5mm²</p> <p>L (MM)</p> <p>2000 2000 4000 4000</p> <p>CODE</p> <p>005-3262# 005-3263# 005-3264# 005-3265#</p>
--	--	---	--	--

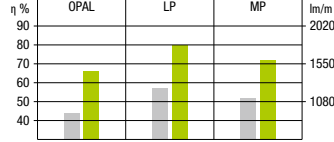
COLOUR

	<p>034-...7 white 8 black</p>		<p>005-...7 white 8 black</p>
--	-----------------------------------	--	-----------------------------------

INSET T16 OFFSET



LOR LIGHT OUTPUT RATIO (REMO 80 1x28W T16)



INSET 60

TYPE	L (MM)	CODE
1x14/24W	456+116	014-101#7
1x21/39W	756+116	014-111#7
1x28/54W	1056+116	014-121#7
1x35/49/80W	1356+116	014-131#7
2x1x21/39W	1514+116	014-112#7
2x1x28/54W	2114+116	014-122#7
2x1x35/49W	2714+116	014-132#7

INSET 60 EMERGENCY

TYPE	L (MM)	CODE
1x28/54W	1056+116	014-121#7
1x35/49/80W	1356+116	014-131#7

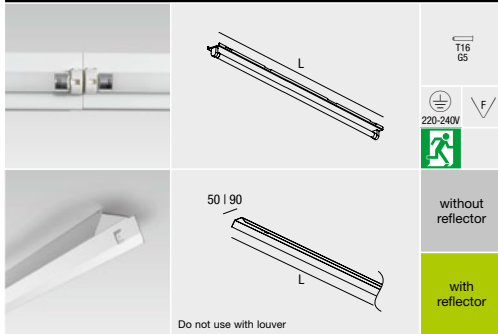
REFLECTOR 60

L (MM)	CODE
570	005-70060
870	005-70090
1170	005-70120
1470	005-70150

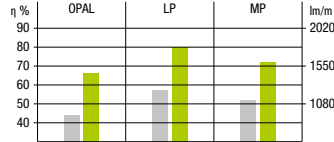
REFLECTOR 60 EMERGENCY

L (MM)	CODE
1170	005-70120N
1470	005-70150N

INSET T16 LINEAR



LOR LIGHT OUTPUT RATIO (REMO 80 1x28W T16)



INSET 60

TYPE	L (MM)	CODE
1x14/24W	572	014-201#7
1x21/39W	872	014-211#7
1x28/54W	1172	014-221#7
1x35/49/80W	1472	014-231#7
2x1x21/39W	1742	014-212#7
2x1x28/54W	2342	014-222#7
2x1x35/49W	2942	014-232#7

INSET 60 EMERGENCY

TYPE	L (MM)	CODE
1x28/54W	1172	014-221#7
1x35/49/80W	1472	014-231#7

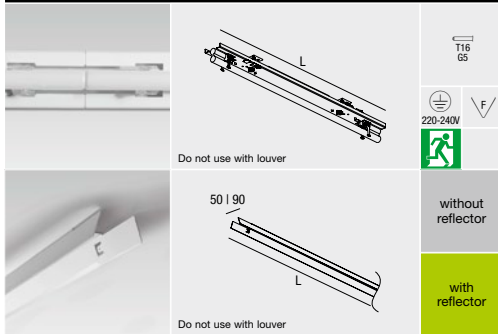
REFLECTOR 60

L (MM)	CODE
570	005-71060
870	005-71090
1170	005-71120
1470	005-71150

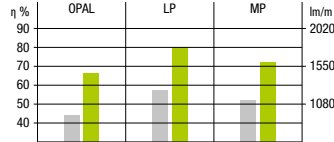
REFLECTOR 60 EMERGENCY

L (MM)	CODE
1170	005-71120N
1470	005-71150N

INSET T16 SEAMLESS



LOR LIGHT OUTPUT RATIO (REMO 80 1x28W T16)



INSET 60

TYPE	L (MM)	CODE
1x14W	581	014-60007
1x24W	581	014-60107
1x21/39W	881	014-611#7
1x28/54W	1181	014-621#7
1x35/49W	1481	014-631#7
2x1x21/39W	1762	014-612#7
2x1x28/54W	2362	014-622#7
2x1x35/49W	2962	014-632#7

INSET 60 EMERGENCY

TYPE	L (MM)	CODE
1x28/54W UW CEAG	1181	014-621#7UW
1x35W emergency 1h	1481	014-631#7N1
1x35/49W UW CEAG	1481	014-631#7UW

REFLECTOR 60

L (MM)	CODE
570	005-75060
870	005-75090
1170	005-75120
1480	005-75150

REFLECTOR 60 EMERGENCY

L (MM)	CODE
1170	005-75120N
1480	005-75150N

CONTROL

non dimmable	DIM 1-10V	DIM DALI
5	6	8

014-...5... non dimmable
 6... DIM 1-10V
 8... DIM DALI

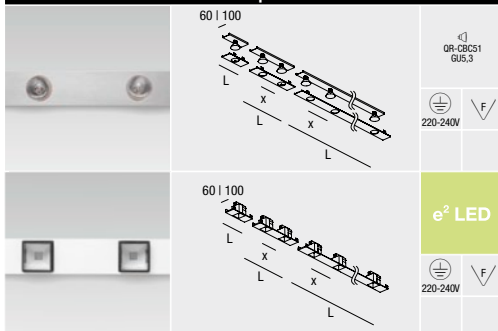
EMERGENCY



014-...N1 1h Accupack (not for 49/54/80W)
 N3 3h Accupack (only 35W)
 UW UW CEAG (change-over-relay)

See page 313 for LED emergency insets

INSET HALOGEN SPOT | LED SPOT



HALOGEN SPOT 60 QR-CBC51 GUS,3

TYPE	X/L (MM)	CODE
1x20W	150	007-985031#
2x20W	150/300	007-985131#
2x20W	195/300	007-985231#
6x20W	195/1171	007-985531#

LED SPOT 60 LED 220-240V

TYPE	X/L (MM)	CODE
1x5W	150	007-9810#1#M
2x5W	150/300	007-9811#1#M
2x5W	195/300	007-9812#1#M
6x5W	195/1171	007-9815###M

LED COLOUR TEMPERATURE

5	6

007-...5... 3000K
 6... 4000K

CONTROL

1	2	3	5
non dimmable	DIM 1-10V	DIM DALI	push-button

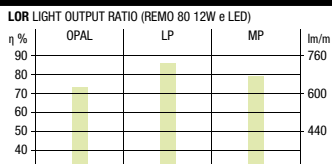
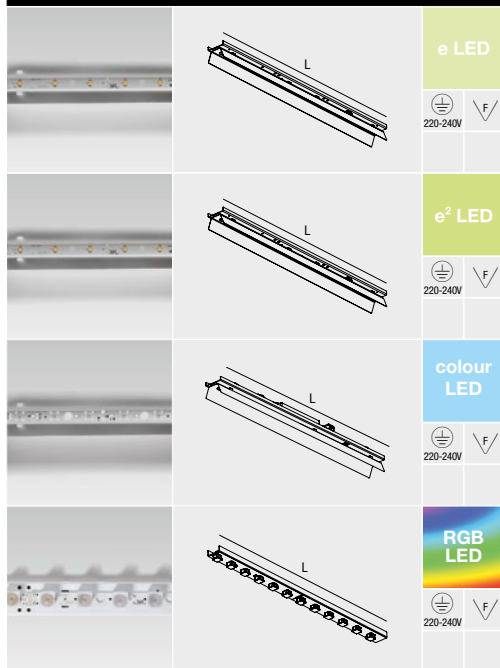
007-...1... non dimmable
 2... DIM 1-10V
 3... DIM DALI
 5... push-button

COLOUR



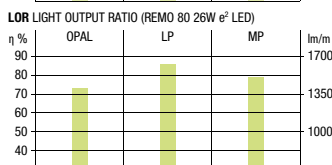
007-...4... chrome
 7... white
 8... black

INSET LED



INSET 60 e LED incl. reflector

TYPE	L (MM)	CODE
6W LED	500 lm* 572	007-9522##7
9W LED	750 lm* 872	007-9523##7
12W LED	1000 lm* 1172	007-9524##7



INSET 60 e² LED incl. reflector

TYPE	L (MM)	CODE
13W LED	1100 lm* 572	007-9532##7
20W LED	1700 lm* 872	007-9533##7
26W LED	2250 lm* 1172	007-9534##7

INSET 60 colour LED incl. reflector

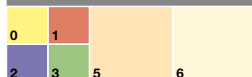
TYPE	L (MM)	CODE
6W colour LED	572	007-9522##7
10W colour LED	872	007-9523##7
12W colour LED	1172	007-9524##7

INSET 60 RGB LED

TYPE	L (MM)	CODE
6W rgb LED	572	007-95229#7
9W rgb LED	872	007-95239#7
12W rgb LED	1172	007-95249#7
12W rgb LED	572	007-95329#7
18W rgb LED	872	007-95339#7
24W rgb LED	1172	007-95349#7

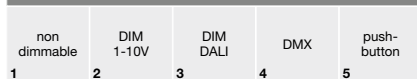
rgb led use DALI, DMX or push-button

LED COLOUR TEMPERATURE



007-...0.. amber	007-...5.. 3000K
1.. red	6.. 4000K
2.. blue	* Luminous Flux
3.. green	

CONTROL



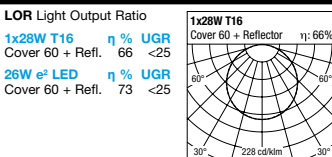
007-...1.. non dimmable
 2.. DIM 1-10V (only for e/e² and colour LED)
 3.. DIM DALI
 4.. DMX (only for RGB LED)
 5.. push-button

LED LENSE



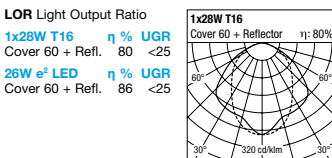
007-...A asymmetric 6x25°
 S spot 15°
 M medium 25°

COVER T16 | LED



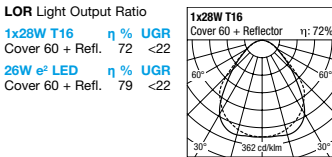
COVER 60 Opal

L (MM)	CODE
570	006-1406#
870	006-1409#
1170	006-1412#
1470	006-1415#
2228	006-1422#
2342	006-1423#
2997	006-1430#
custom cut	806-30xxx00



COVER 60 Clear linear prismatic

L (MM)	CODE
570	006-16060
870	006-16090
1170	006-16120
1470	006-16150
2228	006-16220
2342	006-16230
2997	006-16300
custom cut	806-30xxx0C



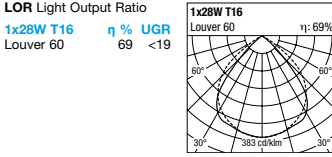
COVER 60 Microprismatic

L (MM)	CODE
570	006-16062
870	006-16092
1170	006-16122
1470	006-16152
2228	006-16222
2342	006-16232
2997	006-16302
custom cut	806-30xxx0P



COVER 60 Clear RGB LED

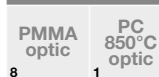
L (MM)	CODE
570	006-15060
870	006-15090
1170	006-15120
1470	006-15150
2228	006-15220
2342	006-15230
2997	006-15300
custom cut	806-30xxx0T



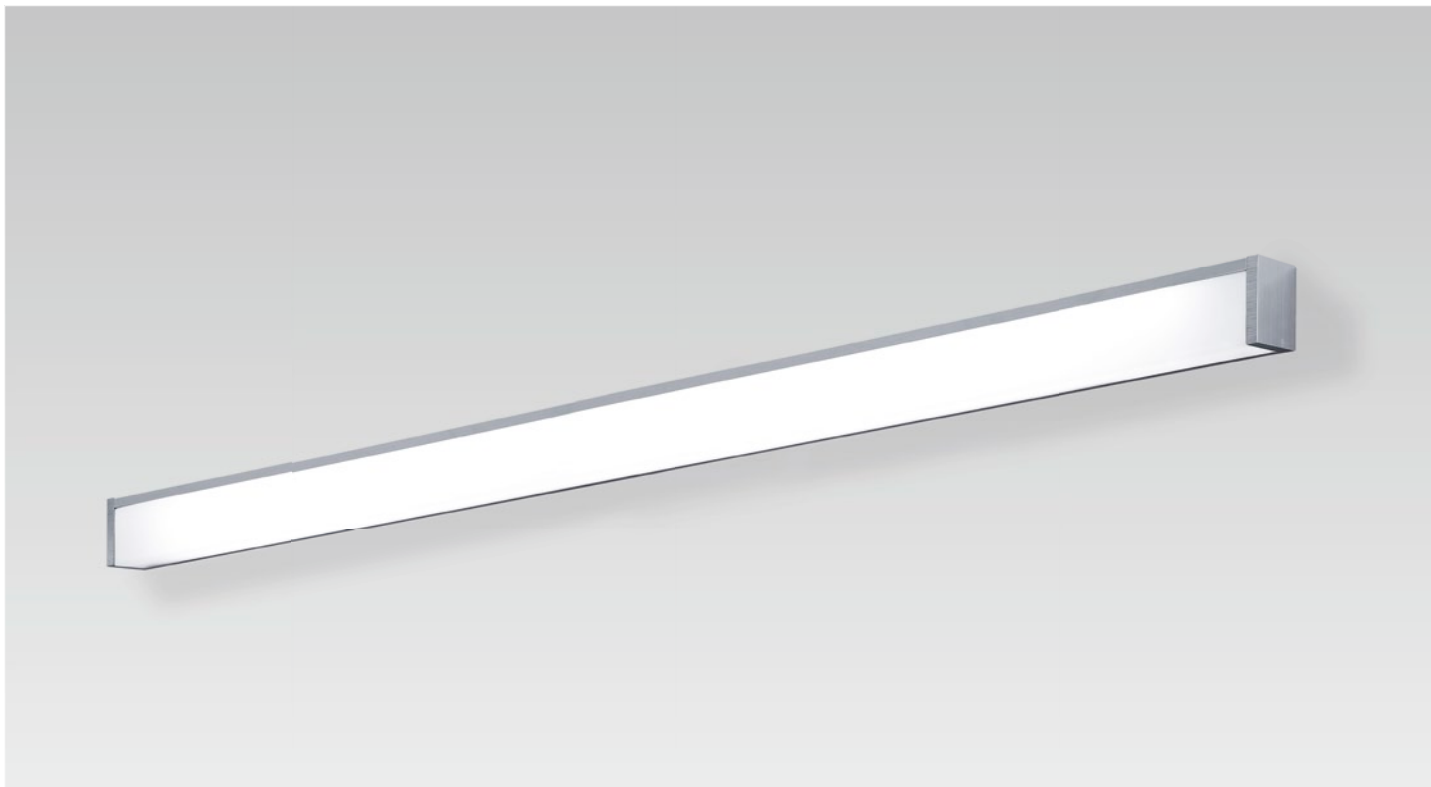
LOUVER 60

L (MM)	CODE
570	006-18060
870	006-18090
1170	006-18120
1470	006-18150

OPTIC



006-...8 PMMA
1 PC 850°



TYPE																
	<p>CORNER 65</p> <table border="1"> <thead> <tr> <th>TYPE</th> <th>L (MM)</th> <th>CODE</th> </tr> </thead> <tbody> <tr> <td>1x14/24W T16</td> <td>588</td> <td>040-961##O</td> </tr> <tr> <td>1x21/39W T16</td> <td>888</td> <td>040-971##O</td> </tr> <tr> <td>1x28/54W T16</td> <td>1188</td> <td>040-981##O</td> </tr> <tr> <td>1x35/49W T16</td> <td>1488</td> <td>040-991##O</td> </tr> </tbody> </table> <p> </p> <p> </p>	TYPE	L (MM)	CODE	1x14/24W T16	588	040-961##O	1x21/39W T16	888	040-971##O	1x28/54W T16	1188	040-981##O	1x35/49W T16	1488	040-991##O
TYPE	L (MM)	CODE														
1x14/24W T16	588	040-961##O														
1x21/39W T16	888	040-971##O														
1x28/54W T16	1188	040-981##O														
1x35/49W T16	1488	040-991##O														
CONTROL																
<table border="1"> <thead> <tr> <th>non dimmable</th> <th>DIM 1-10V</th> <th>DIM DALI</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> <td>8</td> </tr> </tbody> </table>	non dimmable	DIM 1-10V	DIM DALI	5	6	8	<p>040-...5_ non dimmable</p> <p>6_ DIM 1-10V</p> <p>8_ DIM DALI</p>									
non dimmable	DIM 1-10V	DIM DALI														
5	6	8														
COLOUR																
<table border="1"> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> </tbody> </table>						5	6	7	8	9	<p>040-...5_ white/chrome</p> <p>6_ anodised aluminium</p> <p>7_ white</p> <p>8_ black</p> <p>9_ black/chrome</p>					
5	6	7	8	9												

E

Housing made of edged, extruded aluminium
 Surface natural anodised or white or black powder coating
 End cap made of aluminium in 4 colours
 Satin PMMA diffuser with two-sided illumination
 T16 version with multi-ballast, optionally dimmable with 1-10V or DALI ballast
 DALI ballast with additional touch dimming via push button
 Version with highly efficient reflector for an improved efficiency
 2 cable entry points and clamp for through-wiring

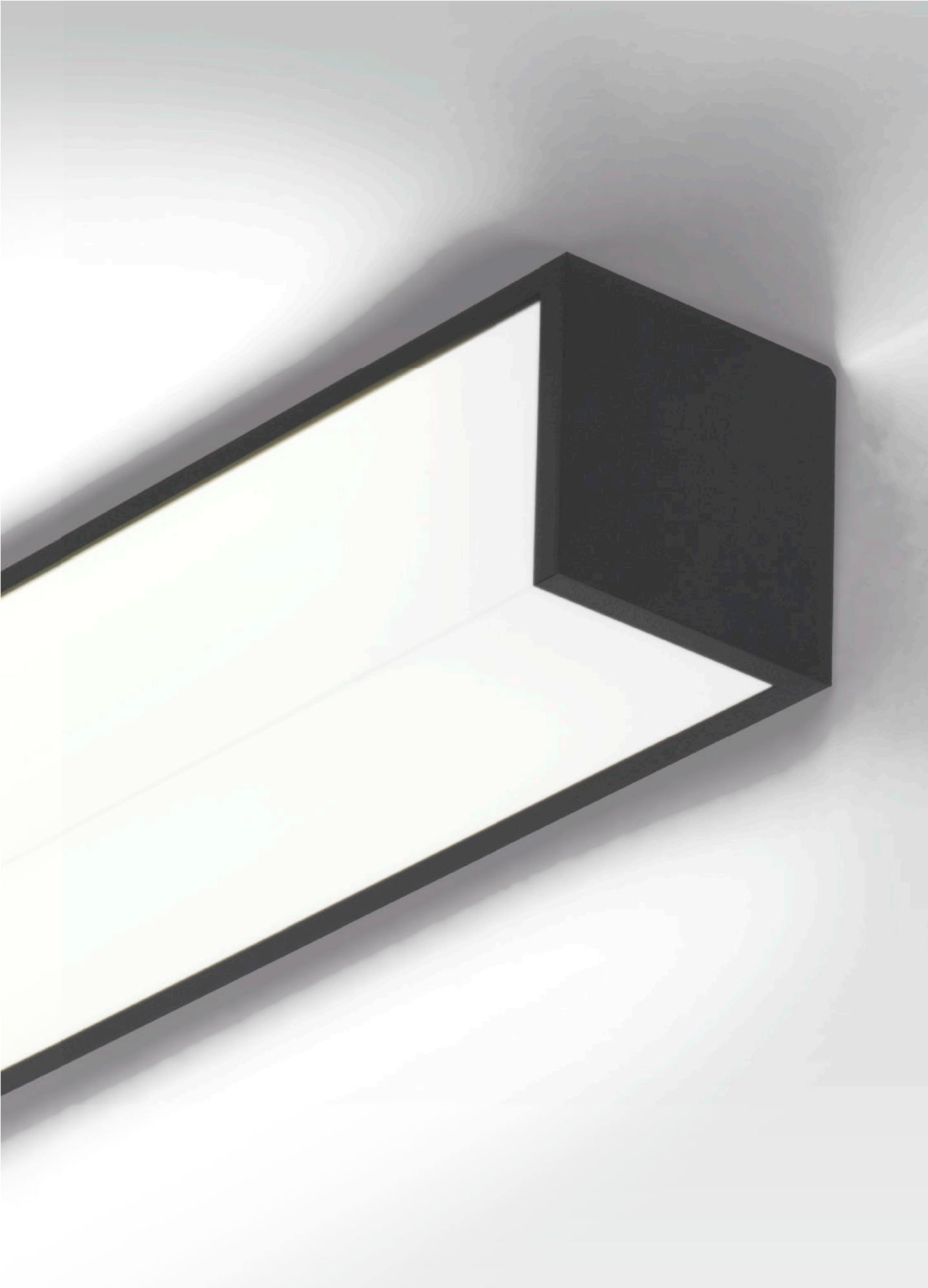
ESP

Perfil redondeado de aluminio extrudido
 Superficie anodizada natural, con barniz estructurado blanco o negro
 Tapa final de aluminio en 4 diferentes colores
 Tapa PMMA satinada con emisión bilateral
 Versión T16 con multi balastro, opcional dimeable con 1-10V o balastro DALI
 Balastro para DALI con función Touch-DIM adicional
 Versión con reflector de alta eficiencia para un rendimiento eficaz
 2 aperturas para cables y terminal para cableado continuo

RU

Корпус из алюминия
 Поверхность: анодированный алюминий, белая или черная порошковая окраска
 Торцевая заглушка из алюминия доступна в 4-х цветах
 Матовый двухсторонний рассеиватель
 T16 с универ. балластом, опционально диммирование 1-10V, или DALI балласт
 Конвертер DALI с функцией Touch-DIM
 Versione con riflettore di alta efficienza per reso migliorato
 2 отверстия для подвода питания и клеммная колодка для сквозной проводки







TYPE

		<p>CORNER 75 Installation channel</p> <p>L (MM)</p> <p>582 882 1182 1482 2364 3000 custom cut</p>	<p>CODE</p> <p>040-0066# 040-0096# 040-0126# 040-0156# 040-0256# 040-0306# 855-70xxx#</p>
--	--	---	--

		<p>CORNER 75 End caps</p> <p>COLOUR</p> <p>chrome anodised aluminium white black</p>	<p>CODE</p> <p>040-00024 040-00026 040-00027 040-00028</p>
--	--	--	---

COLOUR

			<p>040-...6 anodised aluminium 7 white 8 black</p>
--	--	--	--

INSET T16

		<p>INSET SEAMLESS</p> <p>TYPE</p> <p>1x24W 1x21/39W 1x28/54W 1x35/49W</p>	<p>L (MM)</p> <p>581 881 1181 1481</p>	<p>CODE</p> <p>014-50107 014-511#7 014-521#7 014-531#7</p>
		<p>INSET SEAMLESS EMERGENCY</p> <p>TYPE</p> <p>1x28/54W UW CEAG 1x35W emergency 1h 1x35/49W UW CEAG</p>	<p>L (MM)</p> <p>1181 1481 1481</p>	<p>CODE</p> <p>014-521#7UW 014-531#7N1 014-531#7UW</p>

CONTROL

			<p>014-...5 non dimmable 6 DIM 1-10V 8 DIM DALI</p>
--	--	--	---

ACCESSORY

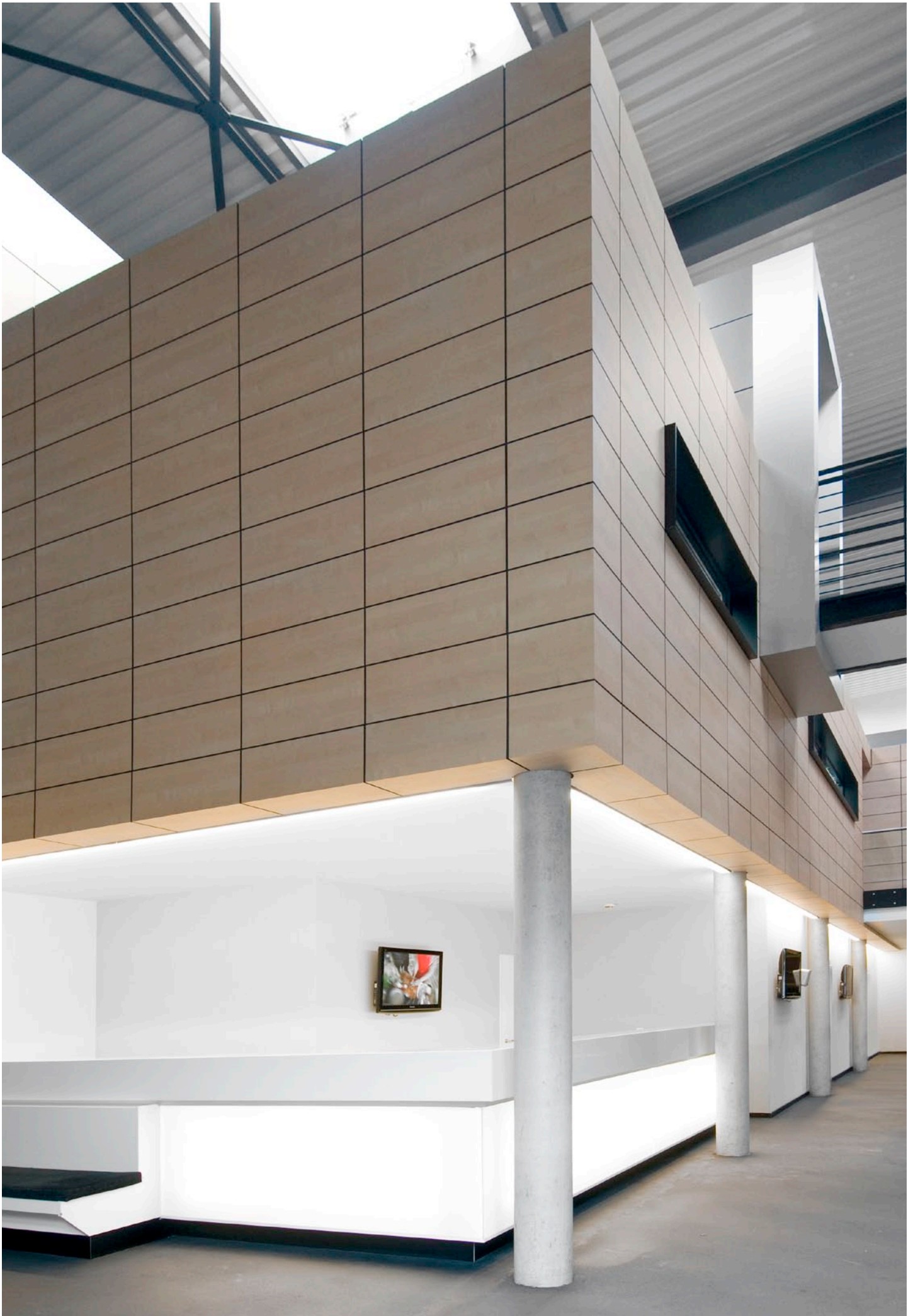
		<p>CORNER 75 Linear connector</p> <p>TYPE</p> <p>linear connector opal cover linear connector</p>	<p>CODE</p> <p>005-40097 006-14006</p>
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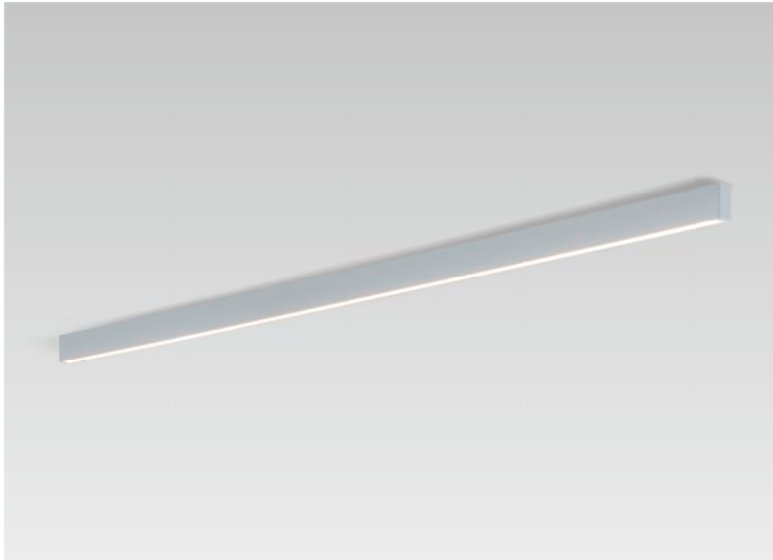
		<p>CORNER 75 Through wire</p> <p>TYPE</p> <p>3-pole 5-pole</p> <p>10 pieces per pack</p>	<p>CODE</p> <p>004-90003 004-90005</p>
--	--	--	---

COVER

		<p>CORNER 75 Cover opal</p> <p>L (MM)</p> <p>580 880 1180 1480 2360 2997 custom cut</p>	<p>CODE</p> <p>006-14067 006-14097 006-14127 006-14157 006-14227 006-14307 855-20XXXX00</p>
--	--	---	--






E

Rectangular housing made of extruded aluminium
 Surface natural anodised or black anodised
 End cap made of aluminium in 2 colours
 Satined or semi-satin PMMA-cover for more light output
 Luminaire with 300mm cable and plug
 Version in white (2700, 3000 or 4000K), amber, red, blue or green
 System solution upon request

ESP

Perfil rectangular de aluminio extrudido
 Superficie anodizada natural o anodizada negra
 Tapa final de aluminio en 2 diferentes colores
 Tapa PMMA satinada o medio satinada para mayor salida de luz
 Luminaria con cable de 300mm y enchufe
 Versión en blanco (2700K, 3000K o 4000K), ámbar, rojo, azul o verde
 Solución de sistema a pedido

RU

Квадратный корпус из алюминия
 Поверхность: анодированный алюминий или черный анодированный алюминий
 Торцевая заглушка из алюминия доступна в 2-х цветах
 Матовая или полуматовый PMMA рассеиватель для равномерного освещения
 Светильник с 300мм кабелем и разъемом
 Варианты: белый (2700K, 3000K или 4000K), янтарный, красный, голубой или зеленый
 Возможен индивидуальный подбор системы по запросу

TYPE

TYPE	Diagram	LED	MINO 20 OPAL	L (MM)	CODE
i LED		3W i LED 70 lm* 6W i LED 130 lm* 9W i LED 200 lm* 12W i LED 270 lm* 15W i LED 330 lm*	309 609 909 1209 1509	056-1141#1#O 056-1142#1#O 056-1143#1#O 056-1144#1#O 056-1145#1#O	
LOR = 47%					
i² LED		5W i² LED 220 lm* 10W i² LED 440 lm* 15W i² LED 650 lm* 20W i² LED 870 lm* 25W i² LED 1100 lm*	309 609 909 1209 1509	056-1141#1#E 056-1142#1#E 056-1143#1#E 056-1144#1#E 056-1145#1#E	
LOR = 76%					
colour LED		3W colour LED 5W colour LED 7W colour LED 10W colour LED 12W colour LED	309 609 909 1209 1509	056-1141#1#O 056-1142#1#O 056-1143#1#O 056-1144#1#O 056-1145#1#O	

LED COLOUR TEMPERATURE

4	5	6	056-...4... 2700K (only for i² LED)
			056-...5... 3000K
			056-...6... 4000K

* Luminous Flux (4000K)

LED COLOUR

0	1	056-...0... amber
		056-...1... red
		056-...2... blue
		056-...3... green

COLOUR

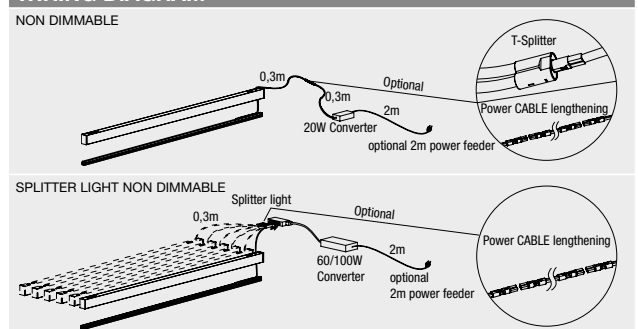
6	L	056-...6... anodised aluminium
		056-...L... anodised black matt

SUPPLY

LED CONVERTER 24V DC, supply 220-240V AC	L/B/H (MM)	CODE
30W 0,3m HVL plug	246/30/16	007-1941110
30W 0,3m HVL plug 2m power feeder	246/30/16	007-1945110
LED CONVERTER incl. Splitter 6 24V DC, supply 220-240V AC		
60W 0,3m HVL splitter	172/62/39	007-1942310
60W 0,3m HVL splitter 2m power feeder	172/62/39	007-1945310
100W 0,3m HVL splitter	192/88/36	007-1942410
100W 0,3m HVL splitter 2m power feeder	192/88/36	007-1945410
POWER CABLE lengthening		
HVL plug socket 2x0,75mm²	1500	007-1914570
HVL plug socket 2x0,75mm²	2500	007-1914670
HVL plug socket 2x0,75mm²	4000	007-1914770
T SPLITTER		
HVL 1x plug 2x socket	L/B/H (MM) 45/20/10	007-1925010

ADDITIONAL INFORMATION


For system luminaire please contact factory

WIRING DIAGRAM


► HUMANIC SHOE STORE, VIENNA

Architect: Design und Baubetriebung Leder & Schuh AG, Mag. Hans Michael Heger, Graz
Lighting design: VEDDER LICHTMANAGEMENT, Munich




E

Housing made of edged, extruded aluminium
 Surface natural anodised or white or black powder coating
 End cap made of aluminium in 4 colours
 Satined, clear or microprismatic PMMA-cover and dark louver
 Version with highly efficient LEDs with high CRI
 Version with highly efficient reflector for an improved efficiency
 T16 DALI ballast with additional touch dimming via push button
 Adjustable cable suspension or direct mounting, toolless adjustment

ESP

Perfil angular de aluminio extrudido
 Superficie anodizada natural, con barniz estructurado blanco o negro
 Tapa final de aluminio en 4 diferentes colores
 Tapa PMMA satinada, clara o micro estructurada así como Darklight
 Versión con LED de alta eficiencia con alta reproducción cromática
 Versión con reflector de alta eficiencia para un rendimiento eficaz
 Balastro para T16 con DALI con función Touch-DIM adicional
 Montaje directo o suspensión reajutable en altura sin herramientas

RU

Корпус из алюминия
 Поверхность: анодированный алюминий, белая или черная порошковая окраска
 Торцевая заглушка из алюминия доступна в 4-х цветах
 Рассеиватели: прозрачный, микропризматический, PMMA либо зеркальная решетка
 Доступна версия с энергоэффективными LED с высоким индексом цветопередачи
 Доступен рефлектор с повышенной светоотдачей
 T16 DALI балласт с доп. функцией димирования через кнопку
 Регулируемый подвес или в потолочной версии исполнения

TYPE

TYPE	Diagram	Specifications	L (MM)	CODE
MINO 40		TYPE 1x14/24W T16 1x21/39W T16 1x28/54W T16 1x35/49W T16 2x1x28/54W T16	588 888 1188 1488 2360	056-2121## 056-2131## 056-2141## 056-2151## 056-2181##
		no louver version available		
MINO 40 e LED		TYPE 6W e LED 380 lm* 13W e LED 830 lm* 9W e LED 560 lm* 20W e LED 1280 lm* 12W e LED 750 lm* 26W e LED 1690 lm* 24W e LED 1500 lm* 53W e LED 3380 lm*	588 588 888 888 1188 1188 2360 2360	056-2122#1# 056-2132#1# 056-2123#1# 056-2133#1# 056-2124#1# 056-2134#1# 056-2128#1# 056-2138#1#
MINO 60		TYPE 1x14/24W T16 1x21/39W T16 1x28/54W T16 1x35/49/80W T16 1x35W T16 MINERGIE* 2x1x28/54W T16 offset 2x1x28/54W T16 2x1x28/54W T16	588 888 1188 1488 1488 2246 2360 2360	056-31#21## 056-31#31## 056-31#41## 056-31#51## 056-31#151##P 056-31#81##P 056-31#81##P 056-31#081##L
MINO 60 e LED		TYPE 6W e LED 400 lm* 13W e LED 900 lm* 9W e LED 600 lm* 20W e LED 1350 lm* 12W e LED 800 lm* 26W e LED 1800 lm* 24W e LED 1600 lm* 53W e LED 3600 lm*	588 588 888 888 1188 1188 2360 2360	056-3122## 056-3132## 056-3123## 056-3133## 056-3124## 056-3134## 056-3128## 056-3138##
MINO 100 1 lamp		TYPE 1x14/24W T16 1x21/39W T16 1x28/54W T16 1x35/49/80W T16 1x35W T16 MINERGIE* 1x35W T16 MINERGIE* 2x1x28/54W T16 offset 2x1x28/54W T16 2x1x28/54W T16	588 888 1188 1488 1488 1488 2480 2360 2360	056-61#21## 056-61#31## 056-61#41## 056-61#51## 056-61#151#O 056-61#151##P 056-61#81##P 056-61#081##L
MINO 100 2 lamps		TYPE 2x14/24W T16 2x21/39W T16 2x28W T16 2x35/49W T16 2x2x28W T16 offset 2x2x28W T16 2x2x28W T16	588 888 1188 1488 2480 2360 2360	056-41#21## 056-41#31## 056-41#42## 056-41#51## 056-41#82##P 056-41#82##P 056-41#082##L
		use only HE lamps for ceiling version		
MINO 100 e LED		TYPE 6W e LED 430 lm* 13W e LED 950 lm* 9W e LED 640 lm* 20W e LED 1450 lm* 12W e LED 860 lm* 26W e LED 1900 lm* 24W e LED 1700 lm* 53W e LED 3800 lm*	588 588 888 888 1188 1188 2360 2360	056-4122## 056-4132## 056-4123## 056-4133## 056-4124## 056-4134## 056-4128## 056-4138##
MINO 100 WALLWASHER		TYPE 1x14/24W T16 1x21/39W T16 1x28/54W T16 1x35/49/80W T16	588 888 1188 1488	056-41021##A 056-41031##A 056-41041##A 056-41051##A

TECHNICAL DATA

LOR LIGHT OUTPUT RATIO (MINO 12W e LED)		MINO 12W e LED (Microprismatic)	
η %	Im/m	X=4H Y=8H	S=0,25H
UGR	UGR	Reflection factors	0,7/0,5/0,2
		UGR transversal	<19
		UGR axial	<19
		Light output ratio	79%
		ULOR	± 0%
		DLOR	± 100%

LOR LIGHT OUTPUT RATIO (MINO 26W e LED)		MINO 60 26W e LED (Microprismatic)	
η %	Im/m	X=4H Y=8H	S=0,25H
UGR	UGR	Reflection factors	0,7/0,5/0,2
		UGR transversal	<22
		UGR axial	<22
		Light output ratio	79%
		ULOR	± 0%
		DLOR	± 100%

LOR LIGHT OUTPUT RATIO (MINO 1x28W T16)		MINO 60 1x28W T16 + Refl. (Microprismatic)	
η %	Im/m	X=4H Y=8H	S=0,25H
UGR	UGR	Reflection factors	0,7/0,5/0,2
		UGR transversal	<22
		UGR axial	<22
		Light output ratio	72%
		ULOR	± 0%
		DLOR	± 100%

MOUNTING

		056-1_ ceiling mounting
		2_ 2000mm cable susp.

REFLECTOR

		056-0_ without reflector
		1_ with reflector (not for louver)
		I for increase in efficiency see diagram

LED COLOUR TEMPERATURE

		056-5_ 3000K
		6_ 4000K
		* Luminous Flux (microprismatic)

CONTROL

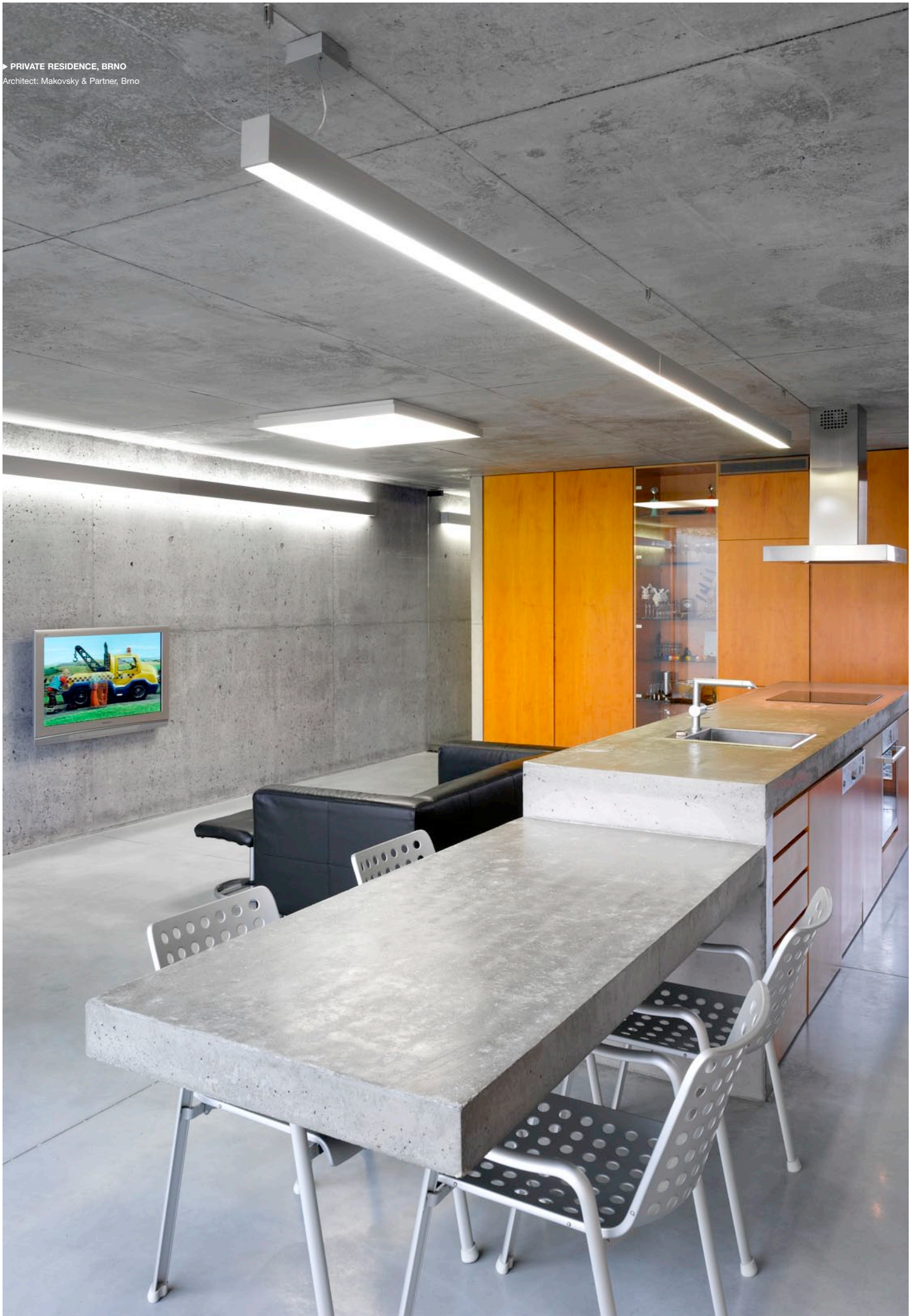
				056-1_ non dimmable
				2_ DIM 1-10V
				3_ DIM DALI
				5_ push-button (LED)

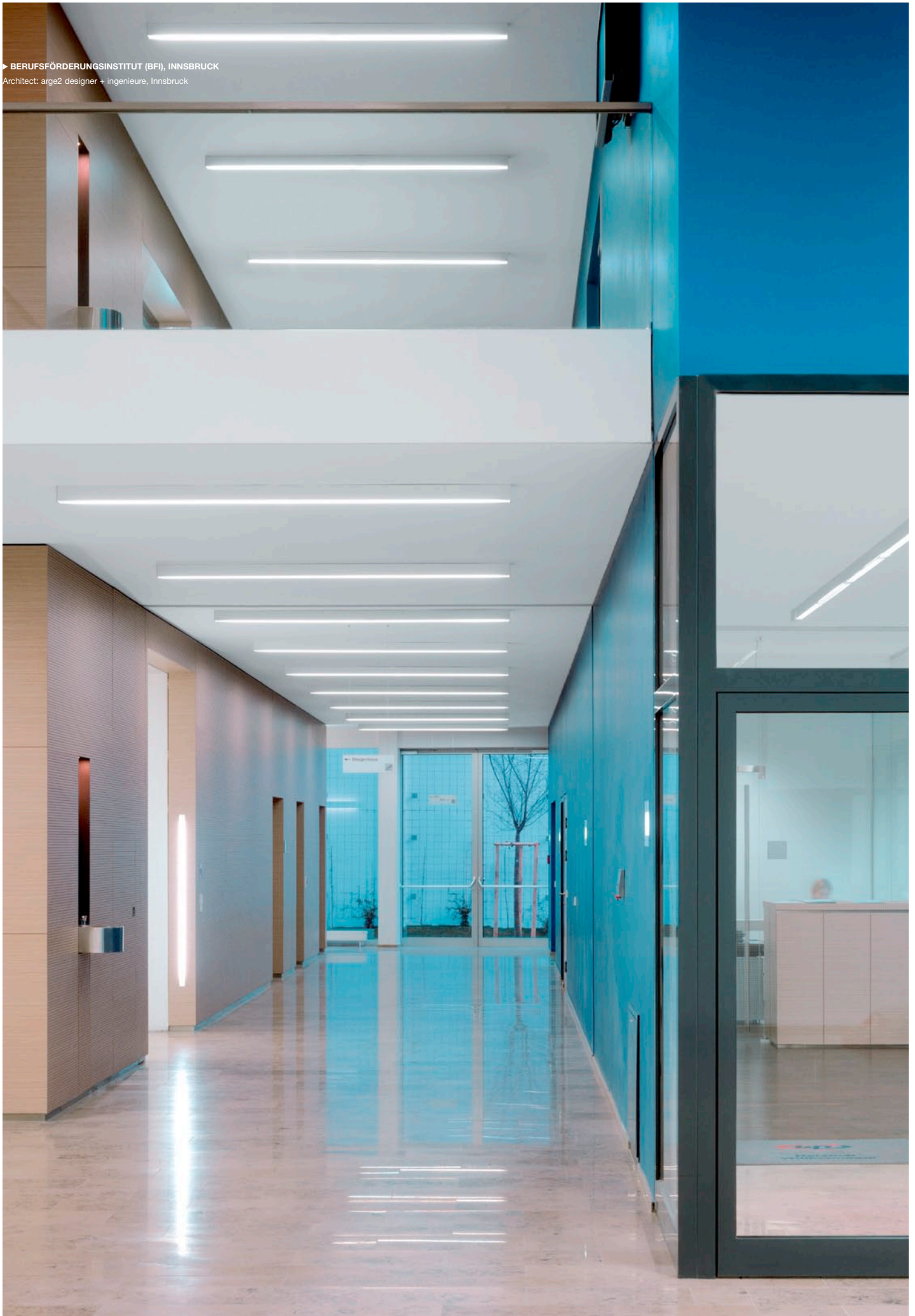
COLOUR

					056-5_ white/chrome
					6_ anodised aluminium
					7_ white
					8_ black
					9_ black/chrome

LIGHT OPTIC COVER

				056-0_ opal
				C_ clear linear prismatic
				P_ microprismatic
				L_ louver (only for T16)





► PARK TOWER OFFICES, FRANKFURT

Architect: AS&P Albert Speer & Partner, Frankfurt on Main / Hayo Haebler, archi.tectum, Bensheim





TYPE

TYPE	L (MM)	CODE
MINO 60 1 lamp direct indirect		
1x21/39W T16	888	056-72031##
1x28/54W T16	1188	056-72041##
1x35/49/80W T16	1488	056-72051##
2x1x28/54W T16 offset	2246	056-72081##P
2x1x28/54W T16	2360	056-72081##L
2x1x28/54W T16	2360	056-72081##L
MINO 100 1 lamp direct indirect		
1x21/39W T16	888	056-82031##
1x28/54W T16	1188	056-82041##
1x35/49/80W T16	1488	056-82051##
2x1x28/54W T16 offset	2246	056-82081##P
2x1x28/54W T16	2360	056-82081##L
2x1x28/54W T16	2360	056-82081##L
MINO 100 2 lamps direct indirect		
2x21/39W T16	888	056-82831##
2x28/54W T16	1188	056-82841##
2x35/49W T16	1488	056-82851##
2x2x28/54W T16 offset	2480	056-82881##
2x2x28/54W T16	2360	056-82881##P
2x2x28/54W T16	2360	056-82881##L

E

Housing made of edged, extruded aluminium
 Surface natural anodised or white or black powder coating
 End cap made of aluminium in 4 colours
 Satined, clear or microprismatic PMMA-cover and dark louver
 Luminaire with direct/indirect light distribution
 Version with highly efficient reflector for an improved efficiency
 T16 DALI ballast with additional touch dimming via push button
 Adjustable 2000mm cable suspension, toolless adjustment

ESP

Perfil angular de aluminio extrudido
 Superficie anodizada natural, con barniz estructurado blanco o negro
 Tapa final de aluminio en 4 diferentes colores
 Tapa PMMA satinada, clara o micro estructurada así como Darklight
 Luminaria con características de emisión directa/indirecta
 Versión con reflector de alta eficiencia para un rendimiento eficaz
 Balastro para T16 con DALI con función Touch-DIM adicional
 Suspensión de 2000mm reajutable sin herramientas

RU

Корпус из алюминия
 Поверхность: анодированный алюминий, белая или черная порошковая окраска
 Торцевая заглушка из алюминия доступна в 4-х цветах
 Рассеиватели: прозрачный, микропризматический, PMMA либо зеркальная решетка
 Светильник со светораспределением вверх/вниз
 Доступен рефлектор с повышенной светоотдачей
 T16 DALI балласт с доп. функцией димирования через кнопку
 Регулируемый по высоте подвес длиной 2000мм

CONTROL

non dimmable	DIM 1-10V	DIM DALI
1	2	3

056-..... 1. non dimmable
 2. DIM 1-10V
 3. DIM DALI

COLOUR

5	6	7	8	9
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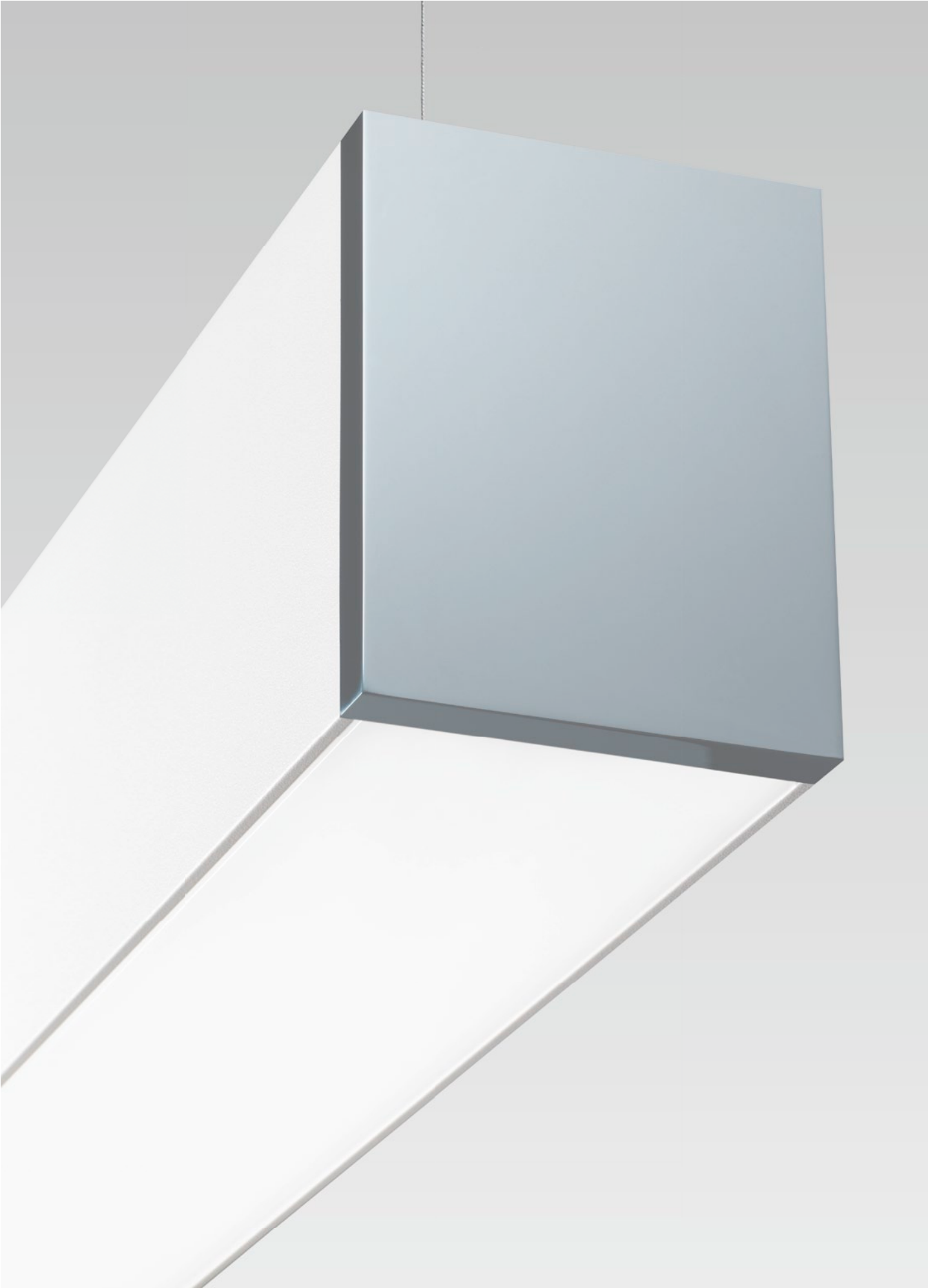
056-..... 5. white/chrome
 6. anodised aluminium
 7. white
 8. black
 9. black/chrome

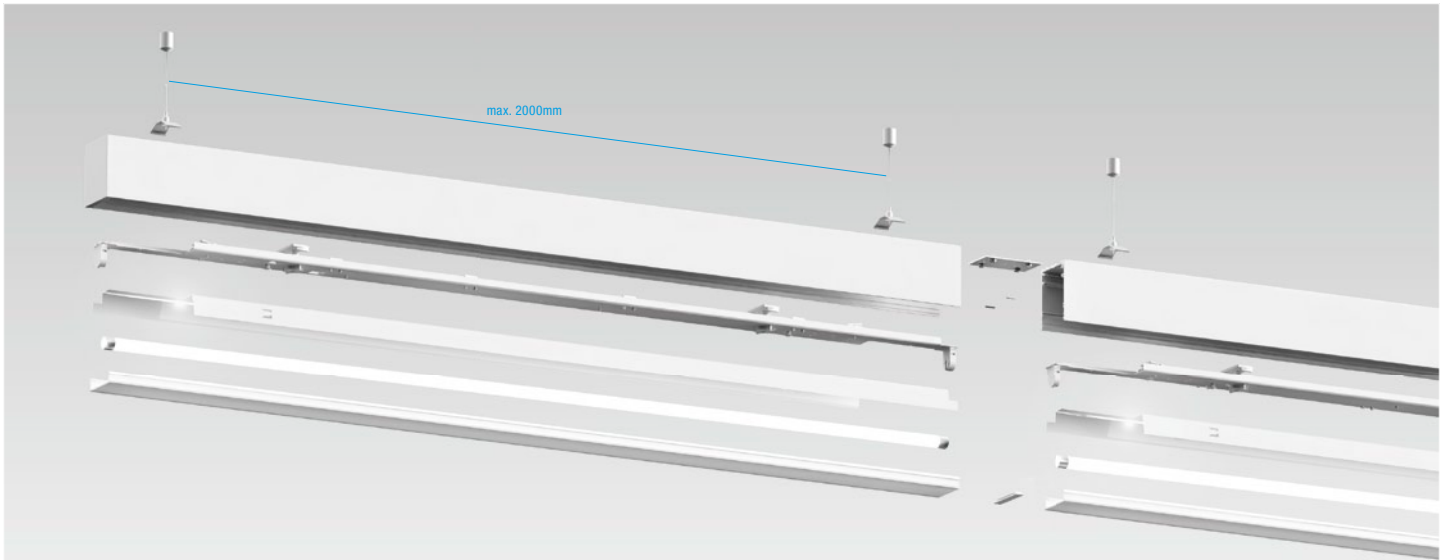
LIGHT OPTIC COVER

O	C	P	L
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056-..... O opal
 C clear linear prismatic
 P microprismatic
 L louver







MINO 60

		<p>MINO 60 Installation channel</p> <p>L (MM)</p> <p>572 872 1172 1472 2230 2344 3000 custom cut</p>	<p>CODE</p> <p>034-0065# 034-0095# 034-0125# 034-0155# 034-0245# 034-0255# 034-0305# 850-30xxxx#</p>
		<p>MINO 60 Blind cover</p> <p>L (MM)</p> <p>572 872 1172 1472 2230 2344 3000 custom cut</p>	<p>CODE</p> <p>006-1806# 006-1809# 006-1812# 006-1815# 006-1823# 006-1824# 006-1830# 806-30xxxx#</p>
		<p>MINO 60 End caps</p> <p>COLOUR</p> <p>chrome anodised aluminium white black</p>	<p>CODE</p> <p>034-13044 034-13046 034-13047 034-13048</p>
		<p>MINO 60 Corner connector 90°</p> <p>TYPE</p> <p>blind cover opal clear microprismatic</p>	<p>CODE</p> <p>034-1264# 034-1264#O 034-1264#C 034-1264#P</p>
		<p>MINO 60 Linear connector</p> <p>TYPE</p> <p>linear connector opal cover linear connector clear cover linear connector</p>	<p>CODE</p> <p>005-40046 006-14000 006-16000</p>
		<p>MINO 60 Suspension</p> <p>TYPE</p> <p>cable suspension cable suspension clip suspension</p> <p>L (MM)</p> <p>2000 4000 10</p>	<p>CODE</p> <p>034-11526 034-11626 034-11636</p>

MINO 100

		<p>MINO 100 Installation channel</p> <p>L (MM)</p> <p>572 872 1172 1472 2230 2344 3000 custom cut</p>	<p>CODE</p> <p>034-0066# 034-0096# 034-0126# 034-0156# 034-0246# 034-0256# 034-0306# 850-50xxxx#</p>
		<p>MINO 100 Blind cover</p> <p>L (MM)</p> <p>572 872 1172 1472 2230 2344 3000 custom cut</p>	<p>CODE</p> <p>006-1106# 006-1109# 006-1112# 006-1115# 006-1123# 006-1124# 006-1130# 806-50xxxx#</p>
		<p>MINO 100 End caps</p> <p>COLOUR</p> <p>chrome anodised aluminium white black</p>	<p>CODE</p> <p>034-13064 034-13066 034-13067 034-13068</p>
		<p>MINO 100 Corner connector 90°</p> <p>TYPE</p> <p>blind cover opal clear microprismatic</p>	<p>CODE</p> <p>034-1266# 034-1266#O 034-1266#C 034-1266#P</p>
		<p>MINO 100 Linear connector</p> <p>TYPE</p> <p>linear connector opal cover linear connector clear cover linear connector</p>	<p>CODE</p> <p>005-40066 006-10000 006-12000</p>
		<p>MINO 100 Suspension</p> <p>TYPE</p> <p>cable suspension cable suspension clip suspension</p> <p>L (MM)</p> <p>2000 4000 15</p>	<p>CODE</p> <p>034-11726 034-11826 034-11836</p>

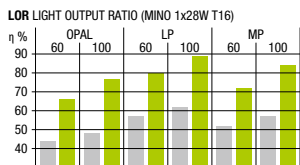
ELECTRICAL

	<p>MINO 60 100 Through wire</p> <p>TYPE</p> <p>3-pole 5-pole</p> <p>10 pieces per pack</p>	<p>CODE</p> <p>004-90003 004-90005</p>		<p>MINO 60 100 Power feeder</p> <p>TYPE</p> <p>3x1,5mm² 5x1,5mm² 3x1,5mm² 5x1,5mm²</p> <p>L (MM)</p> <p>2000 2000 4000 4000</p> <p>CODE</p> <p>005-3262# 005-3263# 005-3264# 005-3265#</p>
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COLOUR



INSET T16 OFFSET



INSET 60 | 100

TYPE	L (MM)	CODE
1x14/24W	456+116	014-101#7
1x21/39W	756+116	014-111#7
1x28/54W	1056+116	014-121#7
1x35/49/80W	1356+116	014-131#7
2x1x21/39W	1514+116	014-112#7
2x1x28/54W	2114+116	014-122#7
2x1x35/49W	2714+116	014-132#7

INSET 60 | 100 EMERGENCY

TYPE	L (MM)	CODE
1x28/54W	1056+116	014-121#7
1x35/49/80W	1356+116	014-131#7

REFLECTOR 60

L (MM)	CODE
570	005-70060
870	005-70090
1170	005-70120
1470	005-70150

REFLECTOR 100

L (MM)	CODE
570	005-72060
870	005-72090
1170	005-72120
1470	005-72150

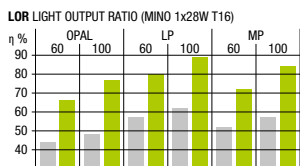
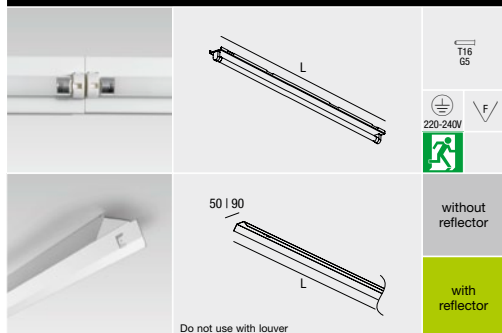
REFLECTOR 60 EMERGENCY

L (MM)	CODE
1170	005-70120N
1470	005-70150N

REFLECTOR 100 EMERGENCY

L (MM)	CODE
1170	005-72120N
1470	005-72150N

INSET T16 LINEAR



INSET 60 | 100

TYPE	L (MM)	CODE
1x14/24W	572	014-201#7
1x21/39W	872	014-211#7
1x28/54W	1172	014-221#7
1x35/49/80W	1472	014-231#7
2x1x21/39W	1742	014-212#7
2x1x28/54W	2342	014-222#7
2x1x35/49W	2942	014-232#7

INSET 60 | 100 EMERGENCY

TYPE	L (MM)	CODE
1x28/54W	1172	014-221#7
1x35/49/80W	1472	014-231#7

REFLECTOR 60

L (MM)	CODE
570	005-71060
870	005-71090
1170	005-71120
1470	005-71150

REFLECTOR 100

L (MM)	CODE
570	005-74060
870	005-74090
1170	005-74120
1470	005-74150

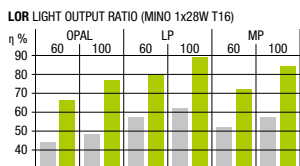
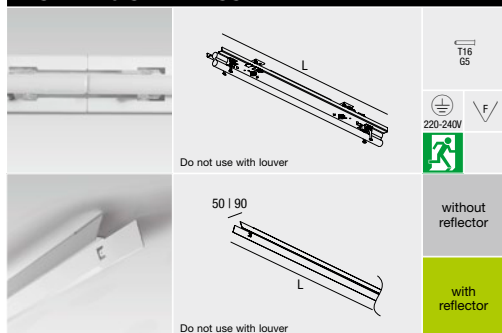
REFLECTOR 60 EMERGENCY

L (MM)	CODE
1170	005-71120N
1470	005-71150N

REFLECTOR 100 EMERGENCY

L (MM)	CODE
1170	005-74120N
1470	005-74150N

INSET T16 SEAMLESS



INSET 60 | 100

TYPE	L (MM)	CODE
1x14W	581	014-60007
1x24W	581	014-60107
1x21/39W	881	014-611#7
1x28/54W	1181	014-621#7
1x35/49W	1481	014-631#7
2x1x21/39W	1762	014-612#7
2x1x28/54W	2362	014-622#7
2x1x35/49W	2962	014-632#7

INSET 60 | 100 EMERGENCY

TYPE	L (MM)	CODE
1x28/54W UW CEAG	1181	014-621#7UW
1x35W emergency 1h	1481	014-631#7N1
1x35/49W UW CEAG	1481	014-631#7UW

REFLECTOR 60

L (MM)	CODE
570	005-75060
870	005-75090
1170	005-75120
1480	005-75150

REFLECTOR 100

L (MM)	CODE
570	005-76060
870	005-76090
1170	005-76120
1480	005-76150

REFLECTOR 60 EMERGENCY

L (MM)	CODE
1170	005-75120N
1480	005-75150N

REFLECTOR 100 EMERGENCY

L (MM)	CODE
1170	005-76120N
1480	005-76150N

CONTROL

non dimmable	DIM 1-10V	DIM DALI
5	6	8

014-...5_ non dimmable
6_ DIM 1-10V
8_ DIM DALI

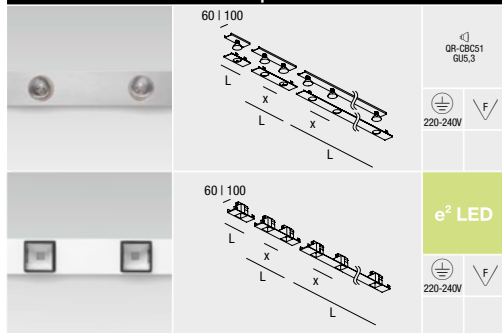
EMERGENCY



014-...N1 1h Accupack (not for 49/54/80W)
N3 3h Accupack (only 35W)
UW UW CEAG (change-over-relay)

See page 313 for LED emergency insets

INSET HALOGEN SPOT | LED SPOT



HALOGEN SPOT 60 QR-CBC51 GU5,3

TYPE	X/L (MM)	CODE
1x20W	150	007-985031#
2x20W	150/300	007-985131#
2x20W	195/300	007-985231#
6x20W	195/1171	007-985531#

HALOGEN SPOT 100 QR-CBC51 GU5,3

TYPE	X/L (MM)	CODE
1x20W	150	007-986031#
2x20W	150/300	007-986131#
2x20W	195/300	007-986231#
6x20W	195/1171	007-986531#

LED SPOT 60 LED 220-240V

TYPE	X/L (MM)	CODE
1x5W	150	007-9810#1#M
2x5W	150/300	007-9811#1#M
2x5W	195/300	007-9812#1#M
6x5W	195/1171	007-9815##M

LED SPOT 100 LED 220-240V

TYPE	X/L (MM)	CODE
1x5W	150	007-9840#1#M
2x5W	150/300	007-9841#1#M
2x5W	195/300	007-9842#1#M
6x5W	195/1171	007-9845##M

LED COLOUR TEMPERATURE

5	6
---	---

007-...5_ 3000K
6_ 4000K

CONTROL

1	2	3	5
---	---	---	---

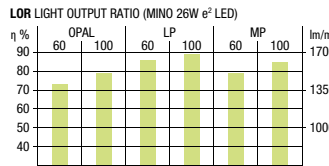
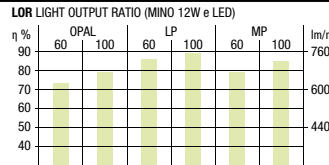
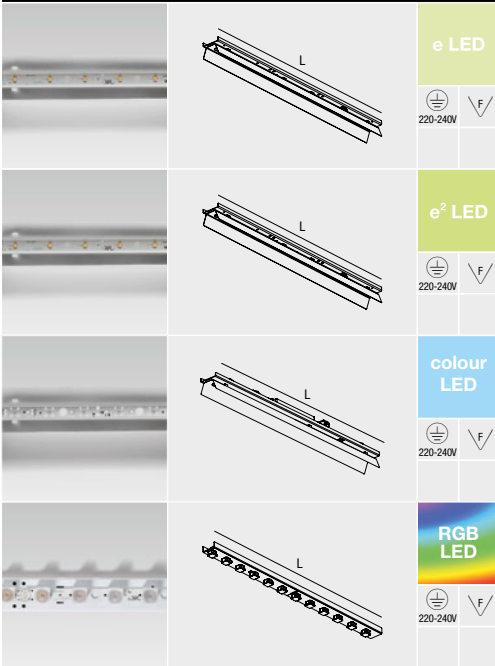
007-...1_ non dimmable
2_ DIM 1-10V
3_ DIM DALI
5_ push-button

COLOUR



007-...4_ chrome
7_ white
8_ black

INSET LED



INSET 60 e LED incl. reflector

TYPE	L (MM)	CODE
6W LED	500	007-9522##7
9W LED	750	007-9523##7
12W LED	1000	007-9524##7

INSET 100 e LED incl. reflector

TYPE	L (MM)	CODE
6W LED	500	007-8522##7
9W LED	750	007-8523##7
12W LED	1000	007-8524##7

INSET 60 e² LED incl. reflector

TYPE	L (MM)	CODE
13W LED	1100	007-9532##7
20W LED	1700	007-9533##7
26W LED	2250	007-9534##7

INSET 100 e² LED incl. reflector

TYPE	L (MM)	CODE
13W LED	1100	007-8532##7
20W LED	1700	007-8533##7
26W LED	2250	007-8534##7

INSET 60 colour LED incl. reflector

TYPE	L (MM)	CODE
6W colour LED	572	007-9522##7
10W colour LED	872	007-9523##7
12W colour LED	1172	007-9524##7

INSET 100 colour LED incl. reflector

TYPE	L (MM)	CODE
6W colour LED	572	007-8522##7
10W colour LED	872	007-8523##7
12W colour LED	1172	007-8524##7

INSET 60 RGB LED

TYPE	L (MM)	CODE
6W rgb LED	572	007-95229#7
9W rgb LED	872	007-95239#7
12W rgb LED	1172	007-95249#7
12W rgb LED	572	007-95329#7
18W rgb LED	872	007-95339#7
24W rgb LED	1172	007-95349#7

INSET 100 RGB LED

TYPE	L (MM)	CODE
6W rgb LED	572	007-95229#7
9W rgb LED	872	007-95239#7
12W rgb LED	1172	007-95249#7
12W rgb LED	572	007-95329#7
18W rgb LED	872	007-95339#7
24W rgb LED	1172	007-95349#7

rgb led use DALI, DMX or push-button

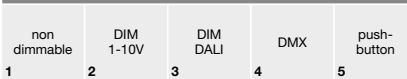
rgb led use DALI, DMX or push-button

LED COLOUR TEMPERATURE



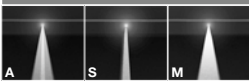
007-...0_ amber	007-...5_ 3000K
1_ red	6_ 4000K
2_ blue	* Luminous Flux
3_ green	

CONTROL



007-...1_ non dimmable
2_ DIM 1-10V (only for e/e² and colour LED)
3_ DIM DALI
4_ DMX (only for RGB LED)
5_ push-button

LED LENSE



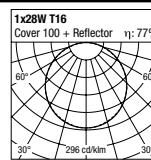
007-...A asymmetric 6x25°
S spot 15°
M medium 25°

COVER T16 | LED



LOR Light Output Ratio

1x28W T16	η %	UGR
Cover 60 + Refl.	66	<25
Cover 100 + Refl.	77	<25



COVER 60 Opal

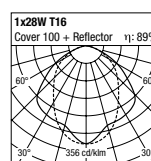
L (MM)	CODE
570	006-1406#
870	006-1409#
1170	006-1412#
1470	006-1415#
2228	006-1422#
2342	006-1423#
2997	006-1430#
custom cut	806-30xxxx00

COVER 100 Opal

L (MM)	CODE
570	006-1006#
870	006-1009#
1170	006-1012#
1470	006-1015#
2228	006-1022#
2342	006-1023#
2997	006-1030#
custom cut	806-50xxxx00

LOR Light Output Ratio

1x28W T16	η %	UGR
Cover 60 + Refl.	80	<25
Cover 100 + Refl.	89	<25



COVER 60 Clear linear prismatic

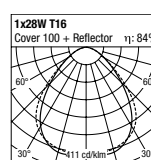
L (MM)	CODE
570	006-16060
870	006-16090
1170	006-16120
1470	006-16150
2228	006-16220
2342	006-16230
2997	006-16300
custom cut	806-30xxxx0C

COVER 100 Clear linear prismatic

L (MM)	CODE
570	006-12060
870	006-12090
1170	006-12120
1470	006-12150
2228	006-12220
2342	006-12230
2997	006-12300
custom cut	806-50xxxx0C

LOR Light Output Ratio

1x28W T16	η %	UGR
Cover 60 + Refl.	72	<22
Cover 100 + Refl.	84	<19



COVER 60 Microprismatic

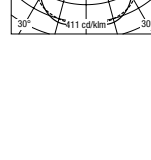
L (MM)	CODE
570	006-16062
870	006-16092
1170	006-16122
1470	006-16152
2228	006-16222
2342	006-16232
2997	006-16302
custom cut	806-30xxxx0P

COVER 100 Microprismatic

L (MM)	CODE
570	006-12062
870	006-12092
1170	006-12122
1470	006-12152
2228	006-12222
2342	006-12232
2997	006-12302
custom cut	806-50xxxx0P

LOR Light Output Ratio

1x28W T16	η %	UGR
Cover 60 + Refl.	79	<22
Cover 100 + Refl.	85	<19



COVER 60 Clear RGB LED

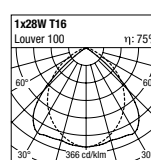
L (MM)	CODE
570	006-15060
870	006-15090
1170	006-15120
1470	006-15150
2228	006-15220
2342	006-15230
2997	006-15300
custom cut	806-30xxxx0T

COVER 100 Clear RGB LED

L (MM)	CODE
570	006-13060
870	006-13090
1170	006-13120
1470	006-13150
2228	006-13220
2342	006-13230
2997	006-13300
custom cut	806-50xxxx0T

LOR Light Output Ratio

1x28W T16	η %	UGR
Louver 60	69	<19
Louver 100	75	<19



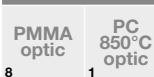
LOUVER 60

L (MM)	CODE
570	006-18060
870	006-18090
1170	006-18120
1470	006-18150

LOUVER 100

L (MM)	CODE
570	006-11060
870	006-11090
1170	006-11120
1470	006-11150

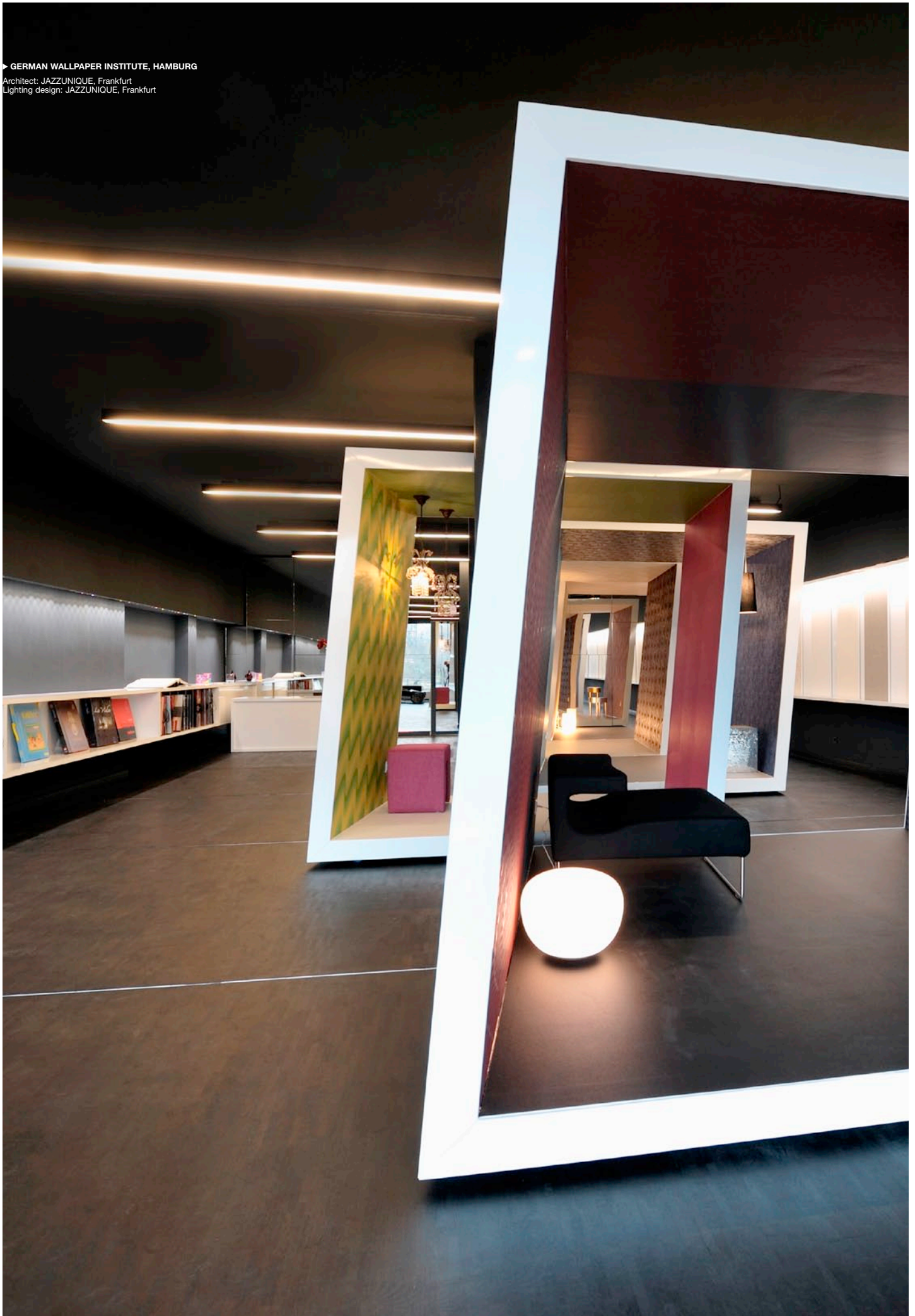
OPTIC

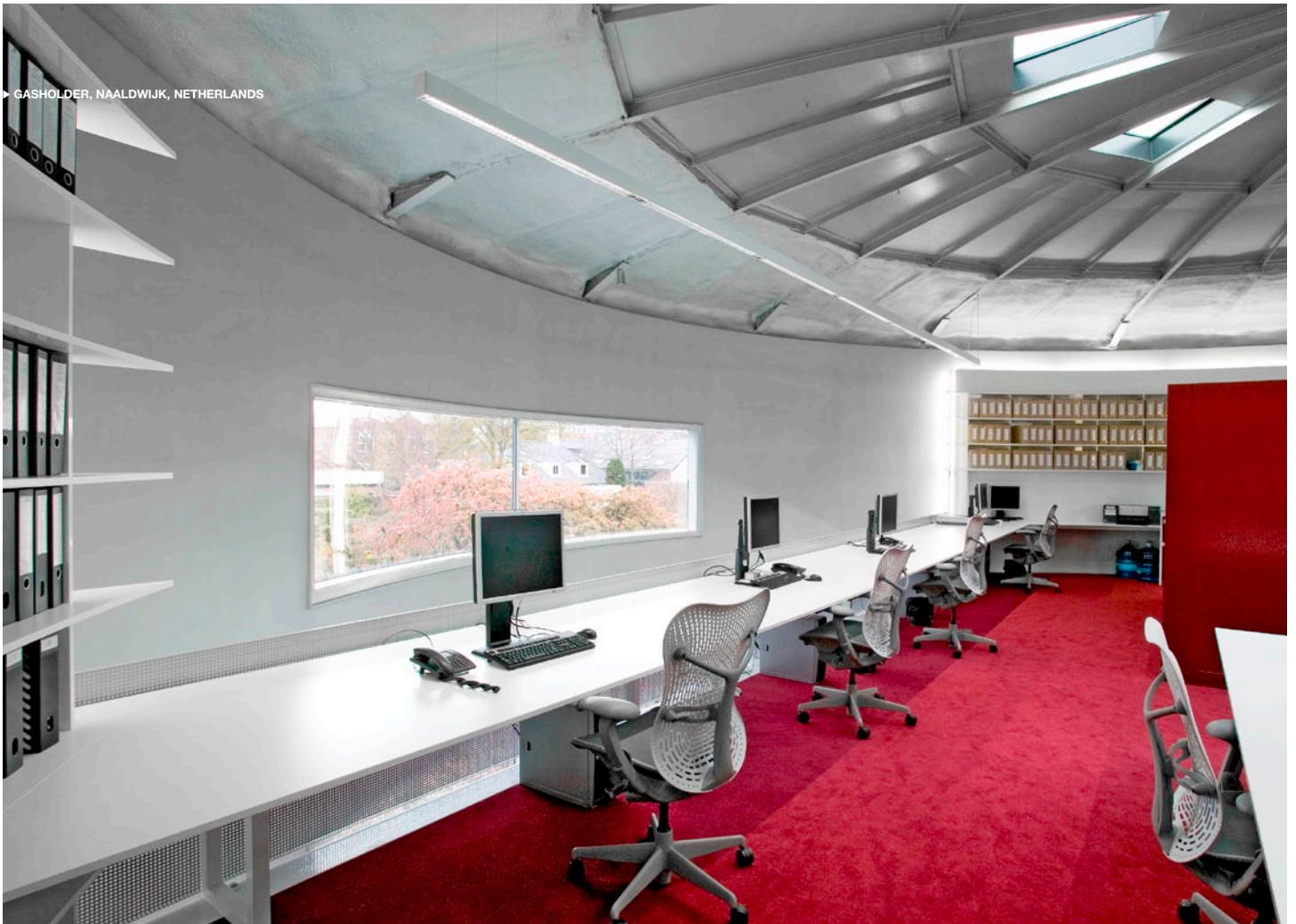


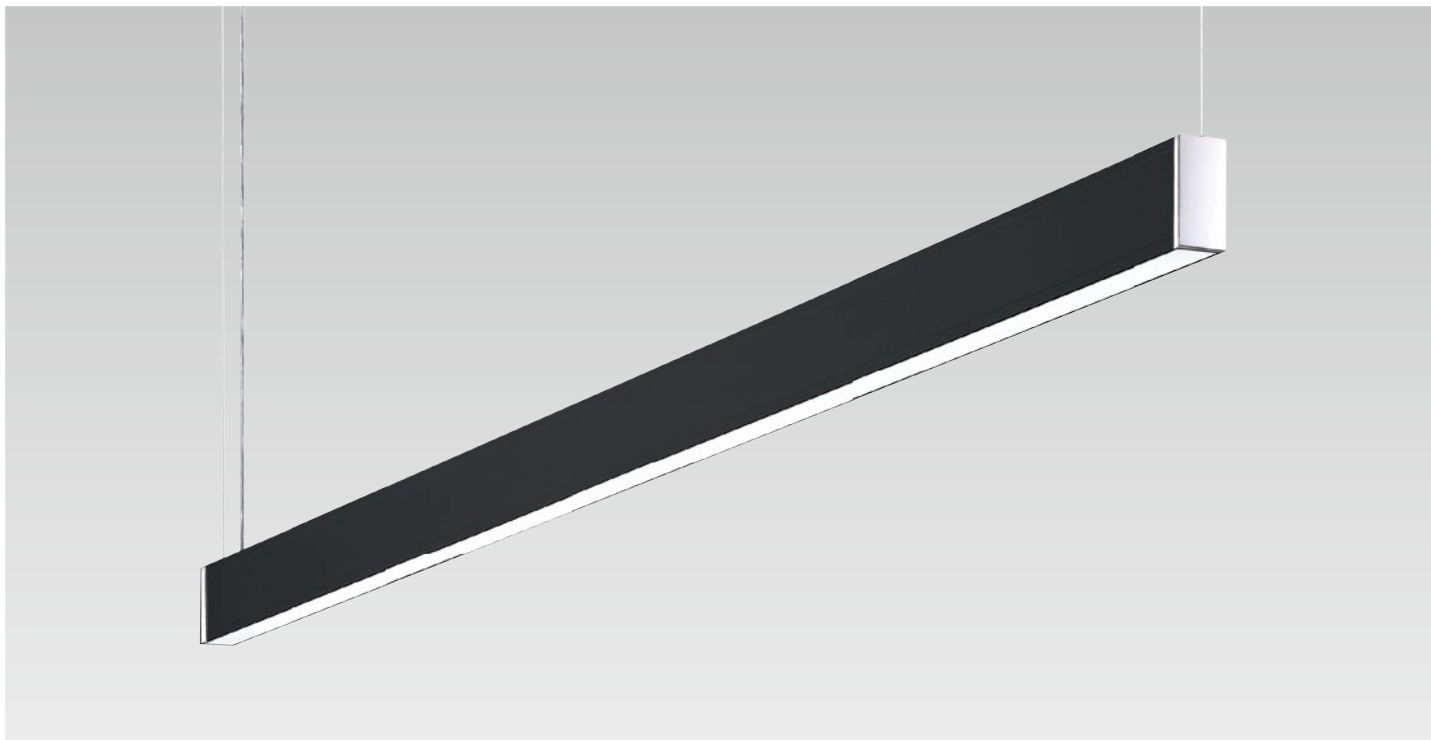
006-...8 PMMA
1 PC 850°









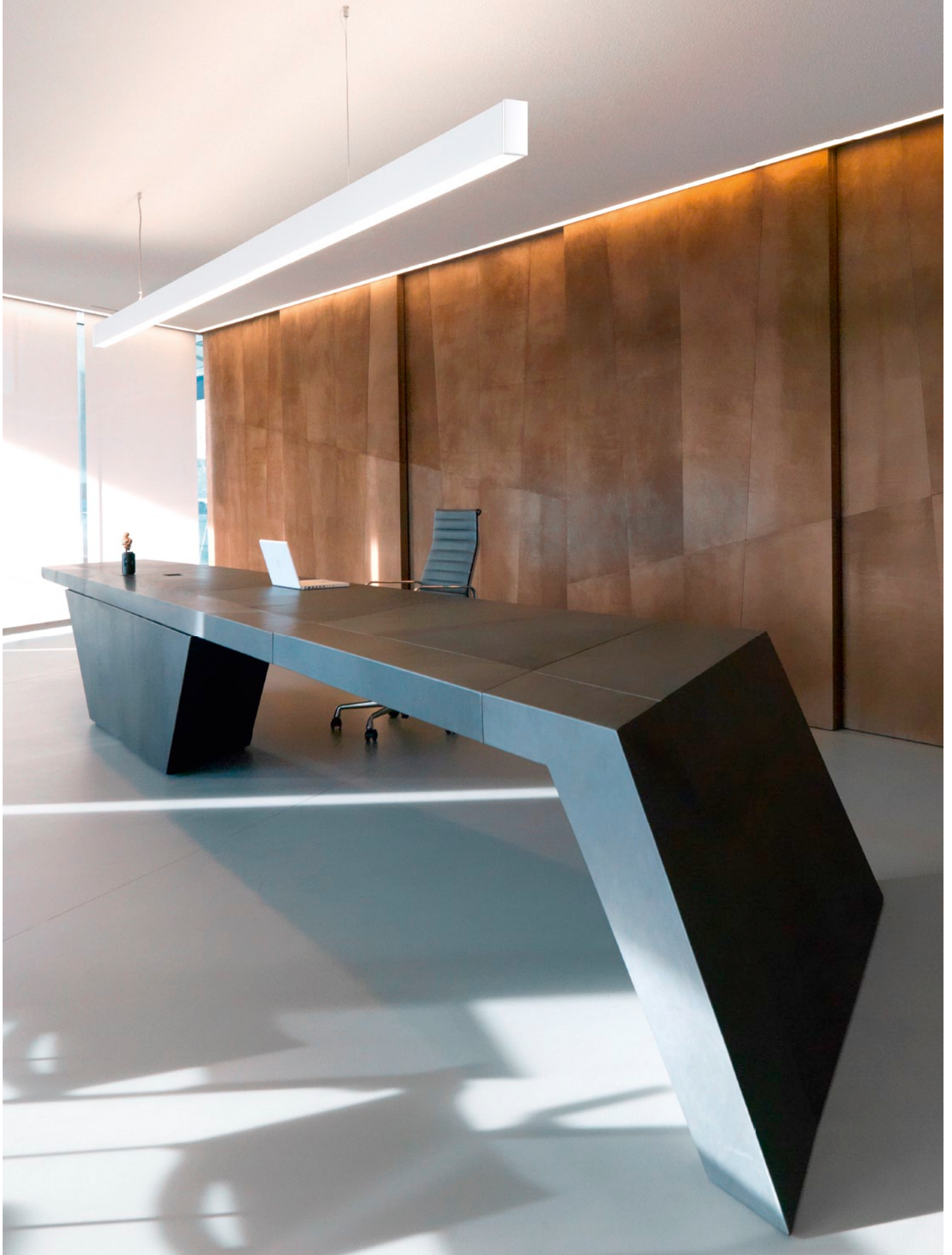


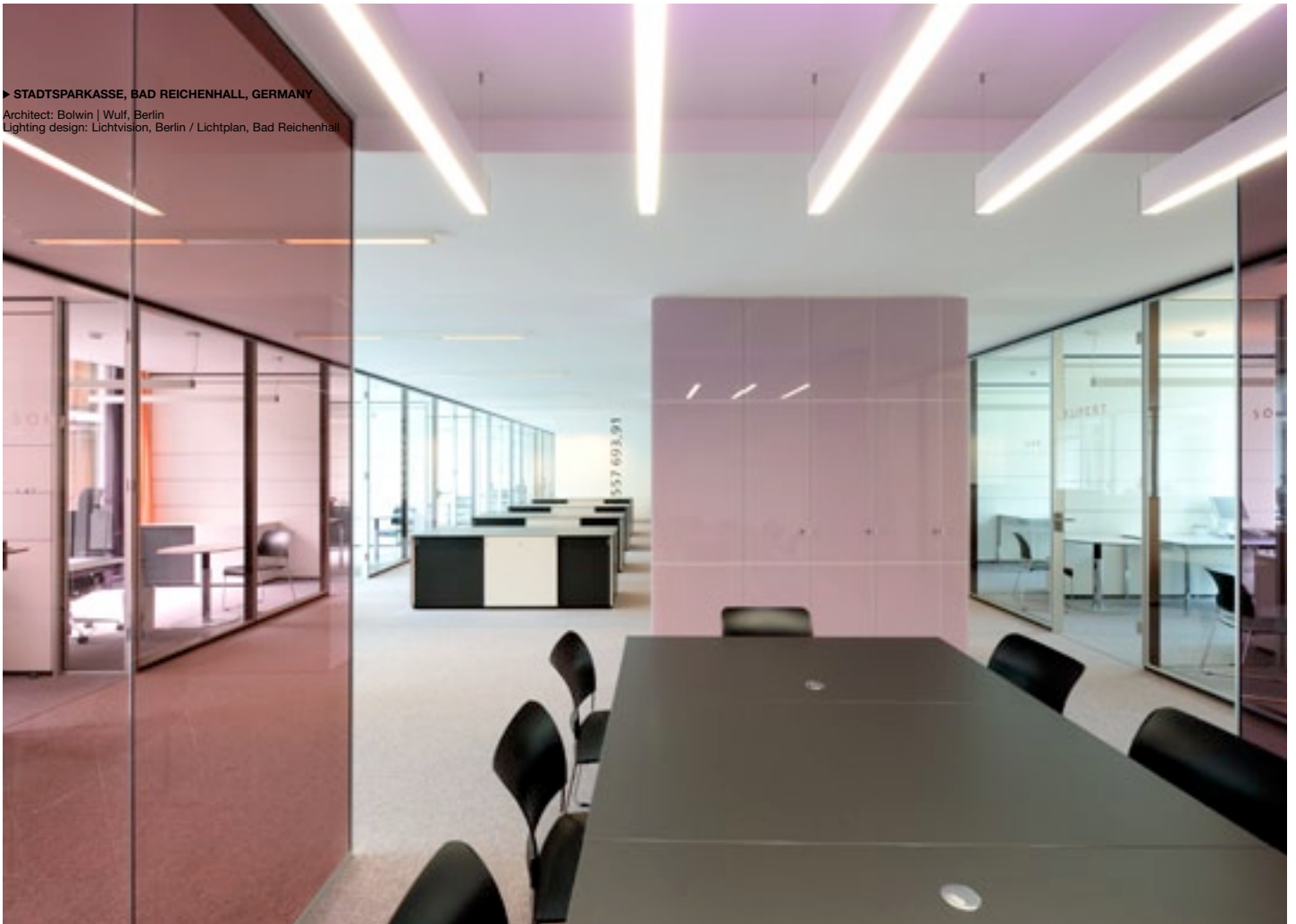
TYPE		REFLECTOR		LED COLOUR TEMPERATURE		CONTROL		COLOUR		LIGHT OPTIC COVER	
		e² LED	STILO 40 direct TYPE 26W LED 1300 lm* 53W LED 2600 lm* 1x28/54W T16 1x35/49W T16 2x1x28/54W T16	L (MM) 1188 2360	CODE 054-1234#1#_ 054-1238#1#_	without reflector 0 2	with reflector 1 3	5	6	1	O
			STILO 40 direct indirect TYPE 2x28/54W T16 2x35/49W T16 2x2x28/54W T16	L (MM) 1188 1488 2360	CODE 054-02341##_ 054-02351##_ 054-02181##_						
		e² LED	STILO 60 direct TYPE 26W LED 1800 lm* 53W LED 3600 lm* 1x28/54W T16 1x35/49/80W T16 2x1x28/54W T16 2x1x28/54W T16 2x1x28/54W T16	L (MM) 1188 1488 2246 2360 2360	CODE 054-3234###_ 054-3238###_ 054-22#41##_ 054-22#51##_ 054-22#81#P 054-22#81#P 054-22081#L	without reflector 0 2	with reflector 1 3	5	6	2	O
		e² LED	STILO 60 direct indirect TYPE 26W+9W LED 1600+530 lm* 53W+18W LED 3200+1050 lm* 1x28/54W+1x21/39W T16 1x35/49W+1x28/54W T16 2x1x28/54W+2x1x21/39W T16 2x1x28/54W+2x1x21/39W T16 2x1x28/54W+2x1x21/39W T16	L (MM) 1188 2360	CODE 054-3254###_ 054-3258###_ 054-22#41##_ 054-22#51##_ 054-22#81#P 054-22#81#P 054-22281#L						

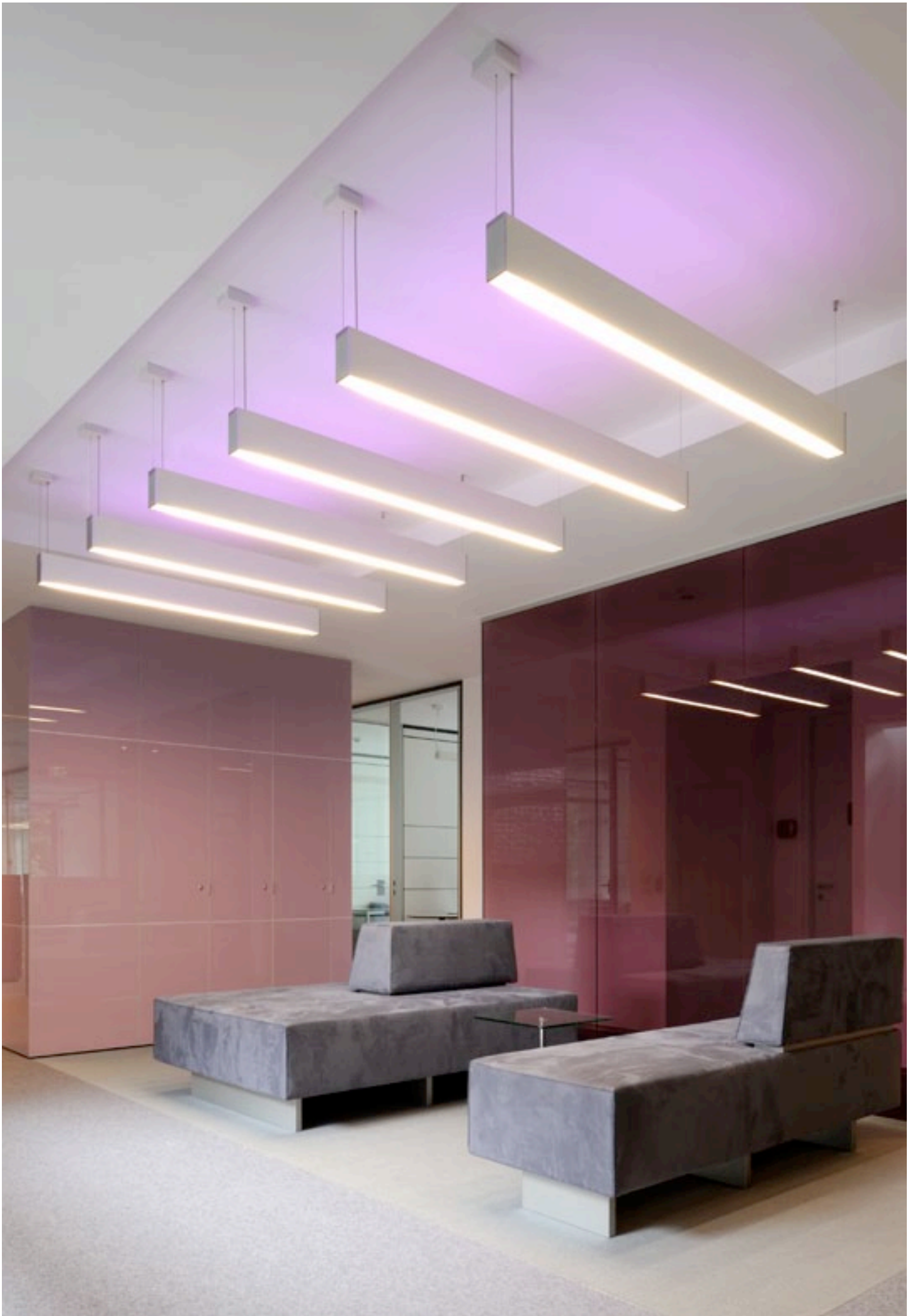
E
Housing made of edged, extruded aluminium
Surface natural anodised or white or black powder coating
End cap made of aluminium in 4 colours
Satinated, clear or microprismatic PMMA-cover and dark louver
Available as direct/indirect for additional effects on the ceiling
T16 version with multi-ballast, optionally dimmable with 1-10V or DALI ballast
T16 DALI ballast with additional touch dimming via push button
Adjustable 2000mm cable suspension, toolless adjustment

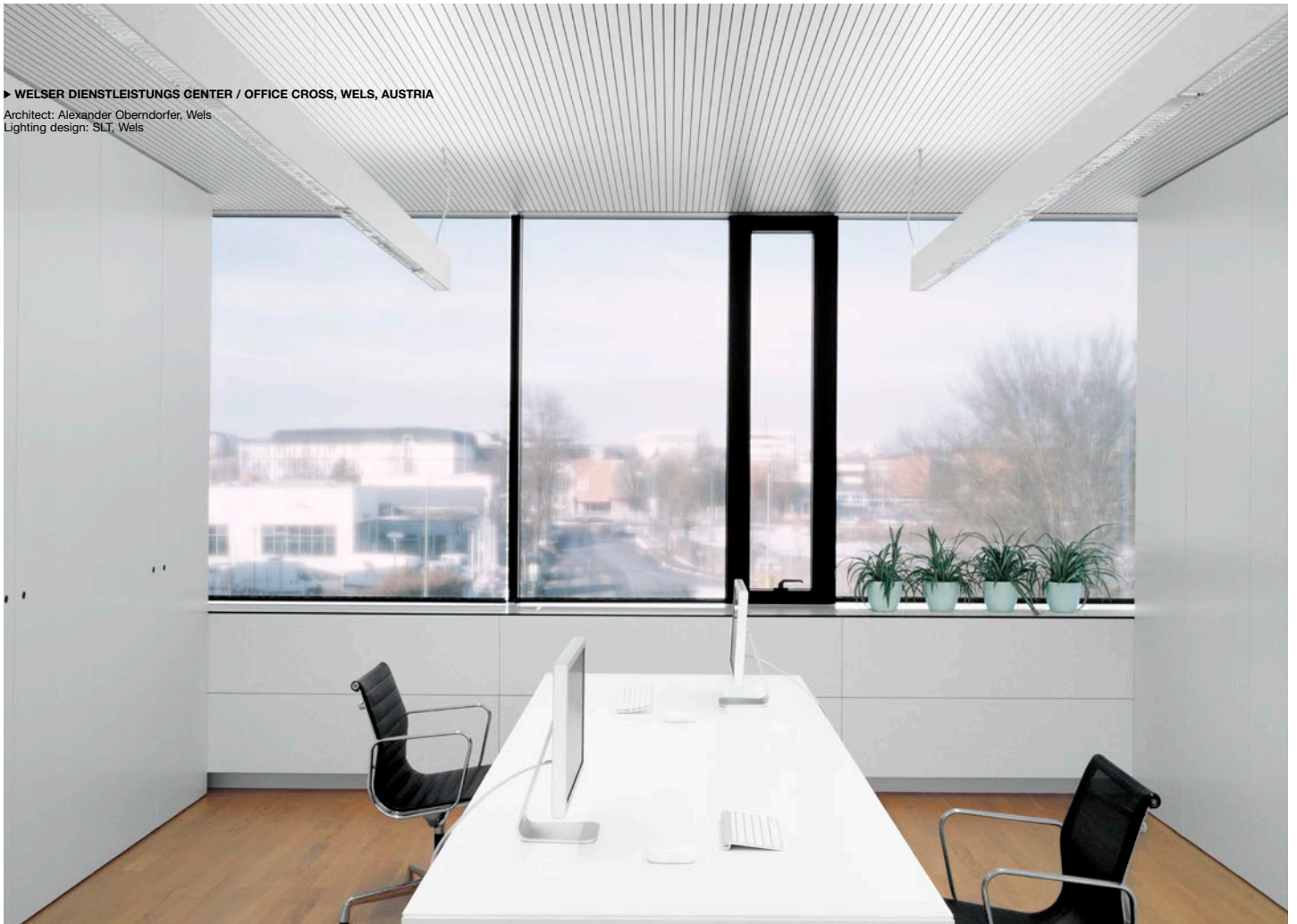
ESP
Perfil angular de aluminio extrudido
Superficie anodizada natural, con barniz estructurado blanco o negro
Tapa final de aluminio en 4 diferentes colores
Tapa PMMA satinada, clara o micro estructurada así como Darklight
Opcional directa/indirecta para una acentuación adicional en el techo
Versión T16 con multi balastro, opcional dimeable con 1-10V o balastro DALI
Balastro para T16 con DALI con función Touch-DIM adicional
Suspensión de 2000mm reajutable sin herramientas

RU
Корпус из алюминия
Поверхность: анодированный алюминий, белая или черная порошковая окраска
Торцевая заглушка из алюминия доступна в 4-х цветах
Рассеиватели: прозрачный, микропризматический, PMMA либо зеркальная решетка
Светораспределение вверх, вверх/вниз
T16 с универ. балластом, опционально диммирование 1-10V, или DALI балласт
T16 DALI балласт с доп. функцией диммирования через кнопку
Регулируемый по высоте подвес длиной 2000мм







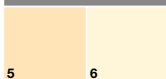






TYPE					
		e² LED	STILO 40 SPOT direct		
		TYPE		L (MM)	CODE
		6x4,5W LED		1188	054-1264#1#
		7x4,5W LED		1488	054-1265#1#
		12x4,5W LED		2376	054-1268#1#
		6x20W QR-CBC35		1188	054-024411#
		7x20W QR-CBC35		1488	054-024511#
		12x20W QR-CBC35		2376	054-024811#
			STILO 40 SPOT direct indirect		
		TYPE		L (MM)	CODE
		7x20W QR-CBC35 + 1x14W T16		1488	054-025511#
		12x20W QR-CBC35 + 1x28W T16		2376	054-025811#
		6x20W QR-CBC35 + 1x48W QT-DE		1188	054-026411#
		7x20W QR-CBC35 + 1x48W QT-DE		1488	054-026511#
		12x20W QR-CBC35 + 1x48W QT-DE		2376	054-026811#
		e² LED	STILO 60 SPOT direct		
		TYPE		L (MM)	CODE
		6x5W LED 1350 lm*		1188	054-3264###
		7x5W LED 1550 lm*		1488	054-3265###
		12x5W LED 2700 lm*		2360	054-3268###
			STILO 60 SPOT direct		
		TYPE		L (MM)	CODE
		6x20W QR-CBC51		1188	054-224411#
		7x20W QR-CBC51		1488	054-224511#
		12x20W QR-CBC51		2360	054-224811#
		e² LED	STILO 60 SPOT direct indirect		
		TYPE		L (MM)	CODE
		6x5W+9W LED 1350+450 lm*		1188	054-3274###
		7x5W+12W LED 1550+600 lm*		1488	054-3275###
		12x5W+18W LED 2700+900 lm*		2360	054-3278###
		only direct ratio dimmable			
			STILO 60 SPOT direct indirect		
		TYPE		L (MM)	CODE
		7x20W QR-CBC51 + 1x28W T16		1488	054-225511#
		12x20W QR-CBC51 + 2x1x21W T16		2360	054-225811#
		6x20W QR-CBC51 + 1x80W QT-DE		1188	054-226411#
		7x20W QR-CBC51 + 1x80W QT-DE		1488	054-226511#
		12x20W QR-CBC51 + 1x80W QT-DE		2360	054-226811#

LED COLOUR TEMPERATURE



052-...5... 3000K
6... 4000K

* Luminous Flux (3000K)

CONTROL



052-...1... non dimmable
2... DIM 1-10V
3... DIM DALI
5... push-button

COLOUR



052-...5... white/chrome
6... anodised aluminium
7... white
8... black
9... black/chrome

E

Housing made of edged, extruded aluminium
Surface natural anodised or white or black powder coating
End cap made of aluminium in 4 colours
Halogen version with phase dimmer
Available as direct/indirect for additional effects on the ceiling
Adjustable 2000mm cable suspension, toolless adjustment

ESP

Cuerpo de perfil angular de aluminio extrudido
Superficie anodizada natural, con barniz estructurado blanco o negro
Tapa final de aluminio en 4 diferentes colores
Versión halógena dimeable sobre el corte de fase ascendente
Opcional directa/indirecta para una acentuación adicional en el techo
Suspensión de 2000mm reajutable sin herramientas

RU

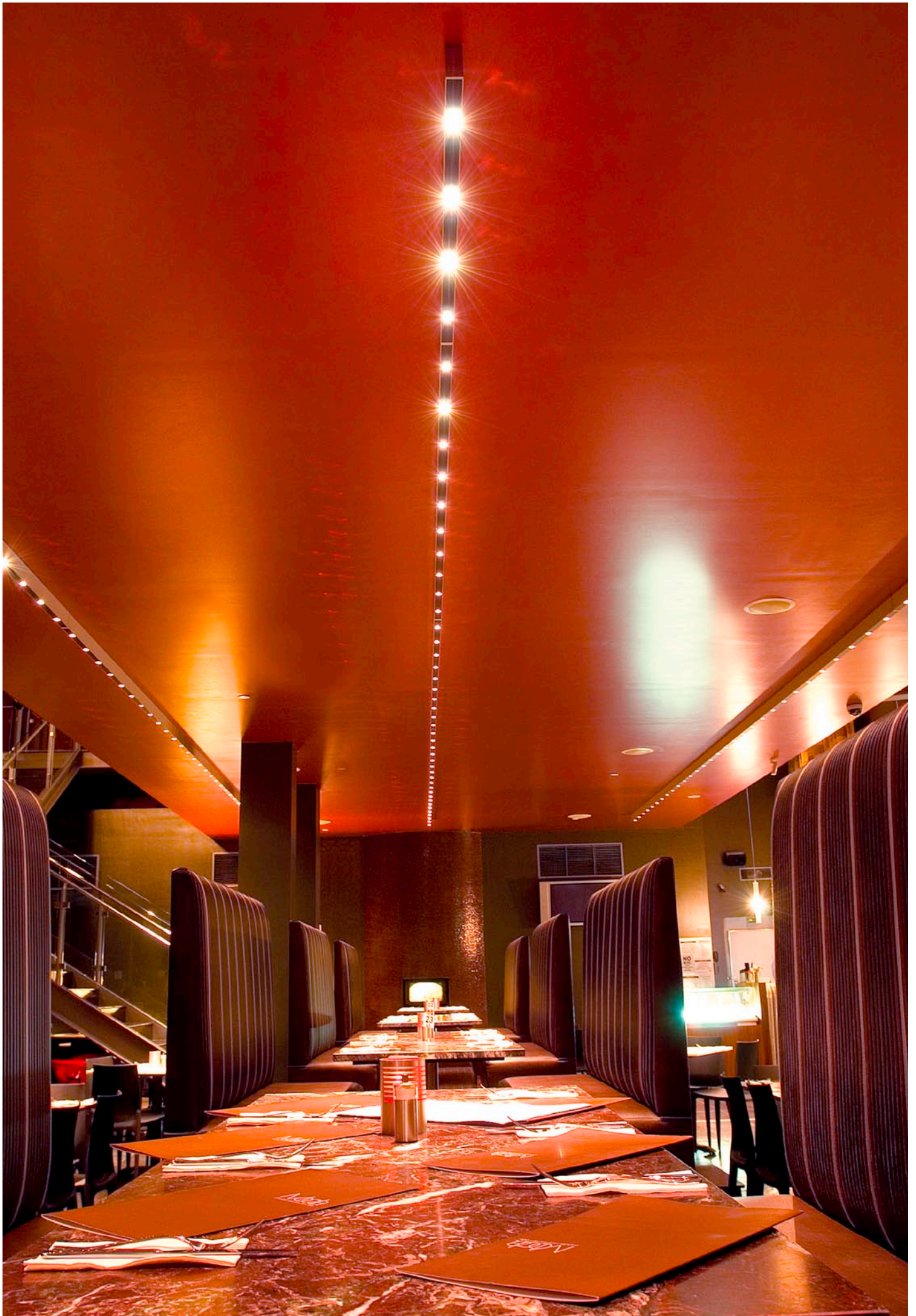
Корпус из алюминия
Поверхность: анодированный алюминий, белая или черная порошковая окраска
Торцевая заглушка из алюминия доступна в 4-х цветах
Версия с галогеном с фазовым димером
Светораспределение вверх,вверх/вниз
Регулируемый по высоте подвес длиной 2000мм

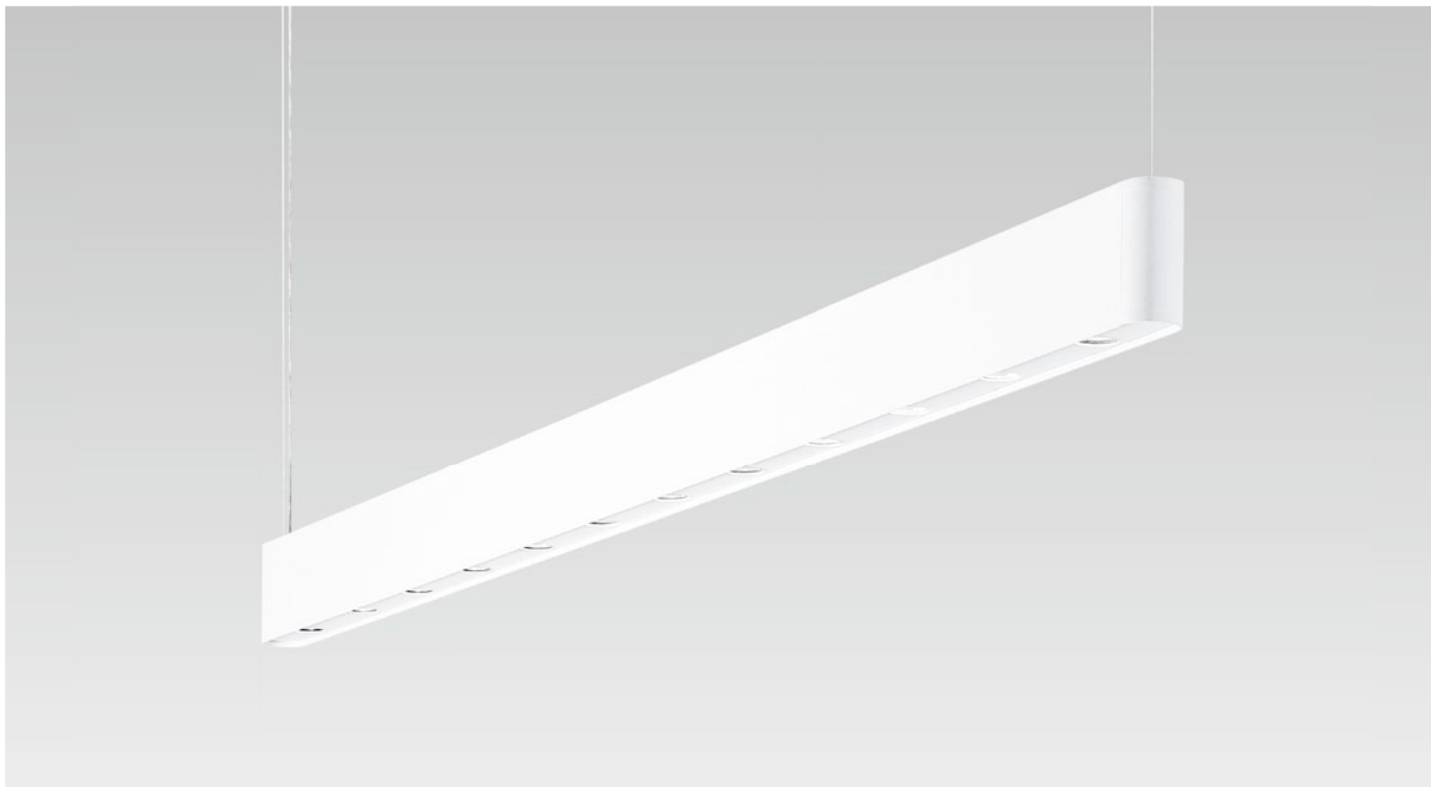
► SCHIFFL VIVEX, BERLIN

Architect: Moritz Müller Architekt + Ulrich Vollborn Design, Hamburg









TYPE		STILO 60 SOFT SPOT	
		QR-CBC51 GUS.3 220-240V F TYPE 6x20W QR-CBC51 1230 7x20W QR-CBC51 1530 12x20W QR-CBC51 2400	L (MM) CODE 1230 054-424411# 1530 054-424511# 2400 054-424811#
		QR-CBC51 GUS.3 T16 G5 220-240V F STILO 60 SOFT SPOT TYPE 7x20W QR-CBC51 + 1x28W T16 1530 12x20W QR-CBC51 + 2x1x21W T16 2400	L (MM) CODE 1530 054-425511# 2400 054-425811#
		QR-CBC51 GUS.3 QT-DE 11/12 R7s 220-240V F STILO 60 SOFT SPOT TYPE 6x20W QR-CBC51 + 1x80W QT-DE 1230 7x20W QR-CBC51 + 1x80W QT-DE 1530 12x20W QR-CBC51 + 1x80W QT-DE 2400	L (MM) CODE 1230 054-426411# 1530 054-426511# 2400 054-426811#
COLOUR		054-..... 6 grey/black 7 white 8 black	

E

Housing made of edged, extruded aluminium
 Surface white, grey or black powder coating
 Rounded end caps in retro design
 Halogen version with phase dimmer
 Available as direct/indirect for additional effects on the ceiling
 Adjustable 2000mm cable suspension, toolless adjustment

ESP

Perfil angular de aluminio extrudido
 Superficie con barniz estructurado blanco, gris o negro
 Tapa final redondeada en diseño Retro
 Versión halógena dimeable sobre el corte de fase ascendente
 Opcional directa/indirecta para una acentuación adicional en el techo
 Suspensión de 2000mm reajutable sin herramientas

RU

Корпус из алюминия
 Поверхность покрыта белой, серой или черной порошковой краской
 Торцевая заглушка в „ретро-стиле“
 Версия с галогеном с фазовым димером
 Светораспределение вверх,вверх/вниз
 Регулируемый по высоте подвес длиной 2000мм

► REITANGRUPPEN, OSLO

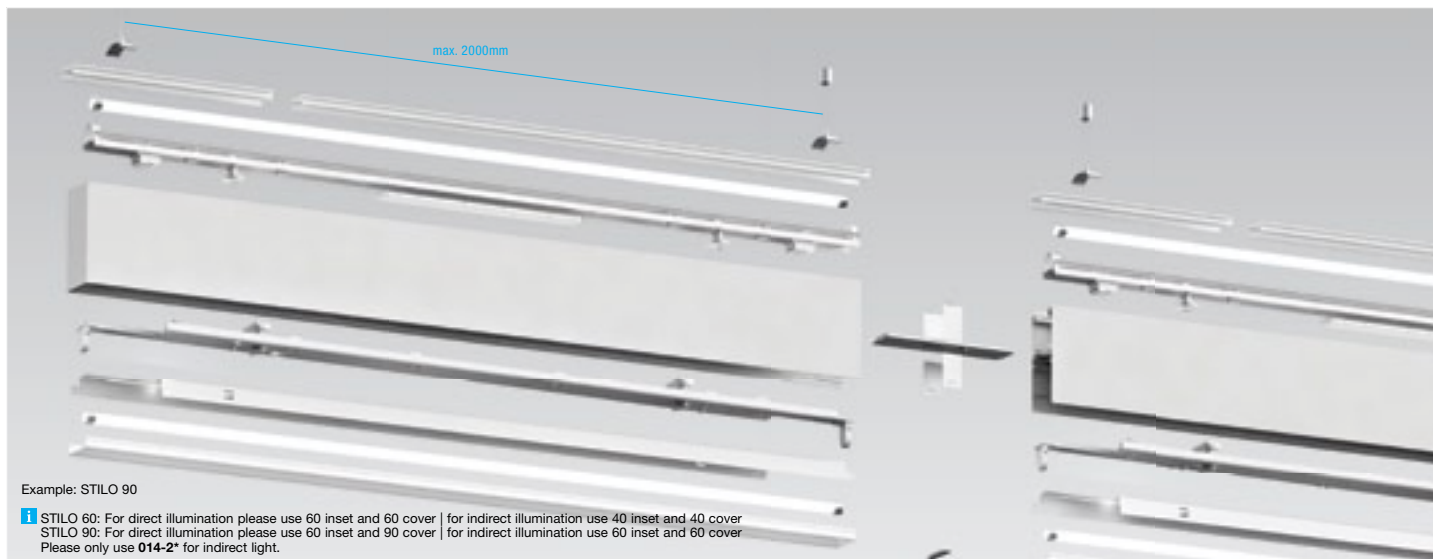
Architect: Berentsen Interiørarkitekter AS, Oslo
Lighting design: Boro RIE AS/Limelight AS, Oslo











Example: STILO 90

I STILO 60: For direct illumination please use 60 inset and 60 cover | for indirect illumination use 40 inset and 40 cover
 STILO 90: For direct illumination please use 60 inset and 90 cover | for indirect illumination use 60 inset and 60 cover
 Please only use 014-2* for indirect light.

STILO 60

		STILO 60 Installation channel L (MM) 572 872 1172 1472 2230 2344 3000 custom cut	CODE 032-0061# 032-0091# 032-0121# 032-0151# 032-0241# 032-0251# 032-0301# 851-30xxxx#
		STILO 60 Blind cover L (MM) 572 872 1172 1472 2230 2344 3000 custom cut	CODE 006-1806# 006-1809# 006-1812# 006-1815# 006-1823# 006-1824# 006-1830# 806-30xxxx#
		STILO 60 End caps COLOUR chrome anodised aluminium white black	CODE 032-13014 032-13016 032-13017 032-13018
		STILO 60 Connector TYPE visible linear connector 90° corner T-connector	CODE 032-1201# 032-1251# 032-1321#
		STILO 60 Linear connector TYPE hidden linear connector opal cover linear connector clear cover linear connector	CODE 032-12136 006-14000 006-16000
		STILO 60 Cable suspension L (MM) 2000 4000	CODE 032-10536 032-10636

STILO 90

		STILO 90 Installation channel L (MM) 572 872 1172 1472 2230 2344 3000 custom cut	CODE 032-0065# 032-0095# 032-0125# 032-0155# 032-0245# 032-0255# 032-0305# 851-50xxxx#
		STILO 90 Blind cover L (MM) 572 872 1172 1472 2230 2344 3000 custom cut	CODE 006-2006# 006-2009# 006-2012# 006-2015# 006-2023# 006-2024# 006-2030# 806-40xxxx#
		STILO 90 End caps COLOUR chrome anodised aluminium white black	CODE 032-13054 032-13056 032-13057 032-13058
		STILO 90 Connector TYPE visible linear connector 90° corner T-connector	CODE 032-1205# 032-1265# 032-1325#
		STILO 90 Linear connector TYPE hidden linear connector opal cover linear connector clear cover linear connector	CODE 032-12156 006-14001 006-16001
		STILO 90 Cable suspension L (MM) 2000 4000	CODE 032-10556 032-10656

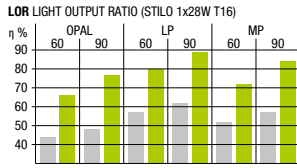
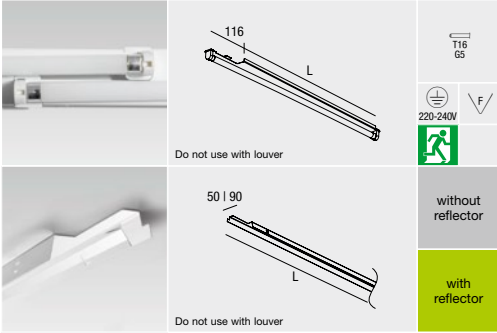
ELECTRICAL

	STILO 60 90 Through wire TYPE 3-pole 5-pole 10 pieces per pack	CODE 004-90003 004-90005		STILO 60 90 Power feeder TYPE 3x1,5mm ² 5x1,5mm ² 3x1,5mm ² 5x1,5mm ²	L (MM) 2000 2000 4000 4000	CODE 005-3262# 005-3263# 005-3264# 005-3265#
--	--	---------------------------------------	--	--	---	---

COLOUR

	032-... 6 anodised aluminium 7 white 8 black		005-... 6 grey 7 white 8 black
--	--	--	--------------------------------------

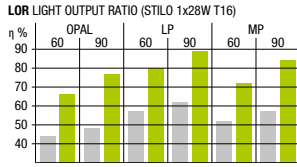
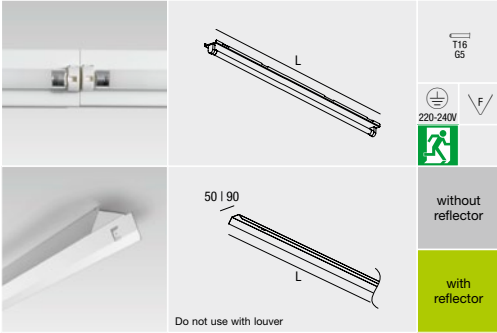
INSET T16 OFFSET | STILO 60 DIRECT | STILO 90 DIRECT/INDIRECT



INSET 60 90			INSET 60 90 EMERGENCY		
TYPE	L (MM)	CODE	TYPE	L (MM)	CODE
1x14/24W	456+116	014-101#7	1x28/54W	1056+116	014-121#7
1x21/39W	756+116	014-111#7	1x35/49/80W	1356+116	014-131#7
1x28/54W	1056+116	014-121#7			
1x35/49/80W	1356+116	014-131#7			
2x1x21/39W	1514+116	014-112#7			
2x1x28/54W	2114+116	014-122#7			
2x1x35/49W	2714+116	014-132#7			

REFLECTOR 60			REFLECTOR 90		
L (MM)	CODE		L (MM)	CODE	
570	005-70060		570	005-84060	
870	005-70090		870	005-84090	
1170	005-70120		1170	005-84120	
1470	005-70150		1470	005-84150	
1170 emergency	005-70120N		1170 emergency	005-84120N	
1470 emergency	005-70150N		1470 emergency	005-84150N	

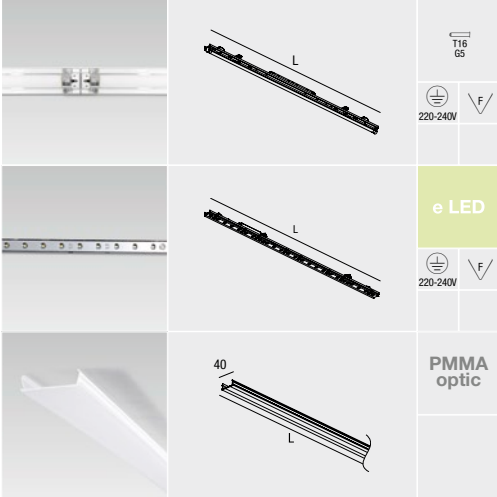
INSET T16 LINEAR | STILO 60 DIRECT | STILO 90 DIRECT/INDIRECT



INSET 60 90			INSET 60 90 EMERGENCY		
TYPE	L (MM)	CODE	TYPE	L (MM)	CODE
1x14/24W	572	014-201#7	1x28/54W	1172	014-221#7
1x21/39W	872	014-211#7	1x35/49/80W	1472	014-231#7
1x28/54W	1172	014-221#7			
1x35/49/80W	1472	014-231#7			
2x1x21/39W	1742	014-212#7			
2x1x28/54W	2342	014-222#7			
2x1x35/49W	2942	014-232#7			

REFLECTOR 60			REFLECTOR 90		
L (MM)	CODE		L (MM)	CODE	
570	005-71060		570	005-85060	
870	005-71090		870	005-85090	
1170	005-71120		1170	005-85120	
1470	005-71150		1470	005-85150	
1170 emergency	005-71120N		1170 emergency	005-85120N	
1470 emergency	005-71150N		1470 emergency	005-85150N	

INSET INDIRECT T16 LINEAR | LED | STILO 60 INDIRECT



INSET 40 T16 G5 EVG		
TYPE	L (MM)	CODE
1x21/39W	870	003-911#7
1x28/54W	1170	003-921#7
2x1x21/39W	1742	003-912#7
2x1x28/54W	2342	003-922#7

INSET 40 e LED incl. reflector		
TYPE	L (MM)	CODE
8W LED 500 lm*	570	007-6422#17
12W LED 750 lm*	870	007-6423#17
16W LED 1000 lm*	1170	007-6424#17

COVER 40 Clear linear prismatic		
L (MM)	CODE	
570	006-06060	
870	006-06090	
1170	006-06120	
1470	006-06150	
2228	006-06230	
2342	006-06240	
2997	006-06300	
custom cut	806-20xxx0C	

LED COLOUR TEMPERATURE

5	6	007-...5_ 3000K	007-...6_ 4000K
---	---	-----------------	-----------------

CONTROL LED | CONTROL T16

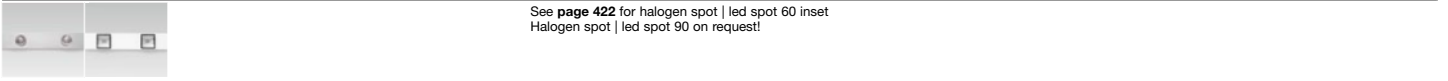
1 non dimmable	2 DIM 1-10V	3 DIM DALI	5 push-button	007-...1_ non dimmable	007-...2_ DIM 1-10V	007-...3_ DIM DALI	007-...5_ push-button	5 non dimmable	6 DIM 1-10V	8 DIM DALI	003-...5_ non dimmable	014-...6_ DIM 1-10V	014-...8_ DIM DALI
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EMERGENCY

	014-...N1 1h Accupack (not for 49/54/80W)	014-...N3 3h Accupack (only 35W)	014-...UW CEAG (change-over-relay)
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See page 313 for LED emergency insets

INSET HALOGEN SPOT | LED SPOT

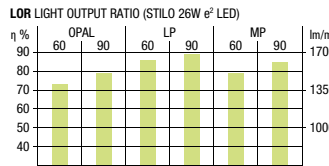
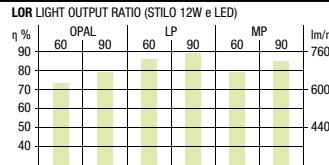
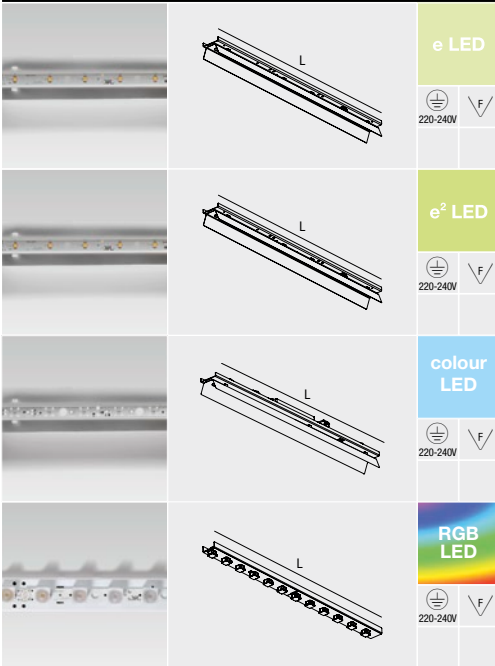


INSET COMBINATION OVERVIEW

			INSET 90 OFFSET DIRECT	INSET 90 LINEAR DIRECT	INSET 90 LED DIRECT	INSET 60 OFFSET DIRECT	INSET 60 LINEAR DIRECT	INSET 60 LED DIRECT	INSET 60 LINEAR INDIRECT	INSET 60 LED INDIRECT	INSET 40 LINEAR INDIRECT	INSET 40 LED INDIRECT
STILO 60 SYSTEM		T16 G5										
STILO 90 SYSTEM		T16 G5										

INSET LED

STILO 60 DIRECT | STILO 90 DIRECT/INDIRECT



INSET 60 e LED incl. reflector

TYPE	L (MM)	CODE
6W LED 500 lm*	572	007-9522##7
9W LED 750 lm*	872	007-9523##7
12W LED 1000 lm*	1172	007-9524##7

INSET 90 e LED incl. reflector

TYPE	L (MM)	CODE
6W LED 500 lm*	572	007-6522##7
9W LED 750 lm*	872	007-6523##7
12W LED 1000 lm*	1172	007-6524##7

INSET 60 e² LED incl. reflector

TYPE	L (MM)	CODE
13W LED 1100 lm*	572	007-9532##7
20W LED 1700 lm*	872	007-9533##7
26W LED 2250 lm*	1172	007-9534##7

INSET 90 e² LED incl. reflector

TYPE	L (MM)	CODE
13W LED 1100 lm*	572	007-6532##7
20W LED 1700 lm*	872	007-6533##7
26W LED 2250 lm*	1172	007-6534##7

INSET 60 colour LED incl. reflector

TYPE	L (MM)	CODE
6W colour LED	572	007-9522##7
10W colour LED	872	007-9523##7
12W colour LED	1172	007-9524##7

INSET 90 colour LED incl. reflector

TYPE	L (MM)	CODE
6W colour LED	572	007-6522##7
10W colour LED	872	007-6523##7
12W colour LED	1172	007-6524##7

INSET 60 RGB LED

TYPE	L (MM)	CODE
6W rgb LED	572	007-95229#7
9W rgb LED	872	007-95239#7
12W rgb LED	1172	007-95249#7
12W rgb LED	572	007-95329#7
18W rgb LED	872	007-95339#7
24W rgb LED	1172	007-95349#7

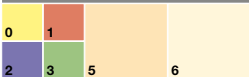
rgb led use DALI, DMX or push-button

INSET 90 RGB LED

TYPE	L (MM)	CODE
6W rgb LED	572	007-95229#7
9W rgb LED	872	007-95239#7
12W rgb LED	1172	007-95249#7
12W rgb LED	572	007-95329#7
18W rgb LED	872	007-95339#7
24W rgb LED	1172	007-95349#7

rgb led use DALI, DMX or push-button

LED COLOUR TEMPERATURE



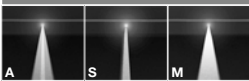
007-...0_ amber	007-...5_ 3000K
1_ red	6_ 4000K
2_ blue	* Luminous Flux
3_ green	

CONTROL



007-...1_ non dimmable
 2_ DIM 1-10V (only for e/e² and colour LED)
 3_ DIM DALI
 4_ DMX (only for RGB LED)
 5_ push-button

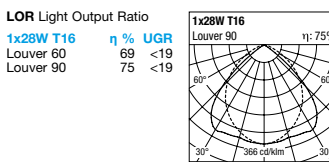
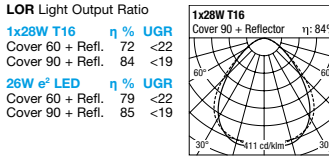
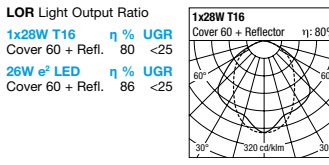
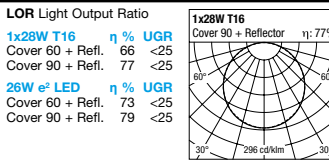
LED LENSE



007-...A asymmetric 6x25°
 S spot 15°
 M medium 25°

COVER T16 | LED

STILO 60 DIRECT | STILO 90 DIRECT/INDIRECT



COVER 60 Opal

L (MM)	CODE
570	006-1406#
870	006-1409#
1170	006-1412#
1470	006-1415#
2228	006-1422#
2342	006-1423#
2997	006-1430#
custom cut	806-30xxxx00

COVER 90 Opal

L (MM)	CODE
570	006-1406#
870	006-1409#
1170	006-1412#
1470	006-1415#
2228	006-1422#
2342	006-1423#
2997	006-1430#
custom cut	806-50xxxx00

COVER 60 Clear linear prismatic

L (MM)	CODE
570	006-1606#
870	006-1609#
1170	006-1612#
1470	006-1615#
2228	006-1622#
2342	006-1623#
2997	006-1630#
custom cut	806-30xxxx0C

COVER 90 Clear linear prismatic

L (MM)	CODE
570	006-1606#
870	006-1609#
1170	006-1612#
1470	006-1615#
2228	006-1622#
2342	006-1623#
2997	006-1630#
custom cut	806-50xxxx0P

COVER 60 Microprismatic

L (MM)	CODE
570	006-1606#
870	006-1609#
1170	006-1612#
1470	006-1615#
2228	006-1622#
2342	006-1623#
2997	006-1630#
custom cut	806-30xxxx0P

COVER 90 Microprismatic

L (MM)	CODE
570	006-1606#
870	006-1609#
1170	006-1612#
1470	006-1615#
2228	006-1622#
2342	006-1623#
2997	006-1630#
custom cut	806-50xxxx0P

COVER 60 Clear RGB LED

L (MM)	CODE
780	006-1508#
870	006-1509#
1170	006-1512#
1470	006-1515#
2228	006-1522#
2342	006-1523#
2997	006-1530#
custom cut	806-30xxxx0T

COVER 90 Clear RGB LED

L (MM)	CODE
570	006-1506#
870	006-1509#
1170	006-1512#
1470	006-1515#
2228	006-1522#
2342	006-1523#
2997	006-1530#
custom cut	806-50xxxx0T

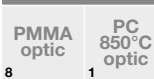
LOUVER 60

L (MM)	CODE
570	006-1806#
870	006-1809#
1170	006-1812#
1470	006-1815#

LOUVER 90

L (MM)	CODE
570	006-1806#
870	006-1809#
1170	006-1812#
1470	006-1815#

OPTIC

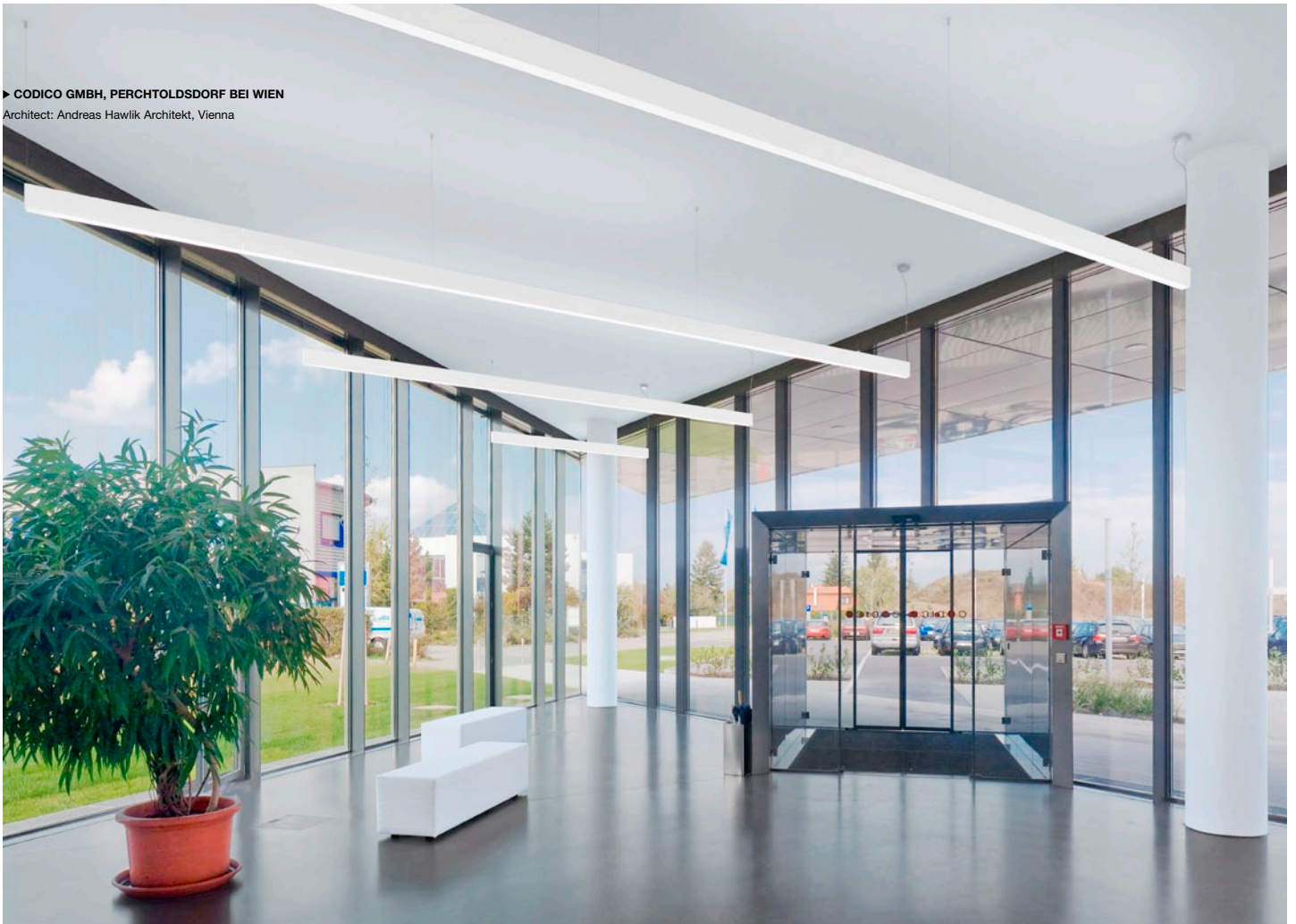


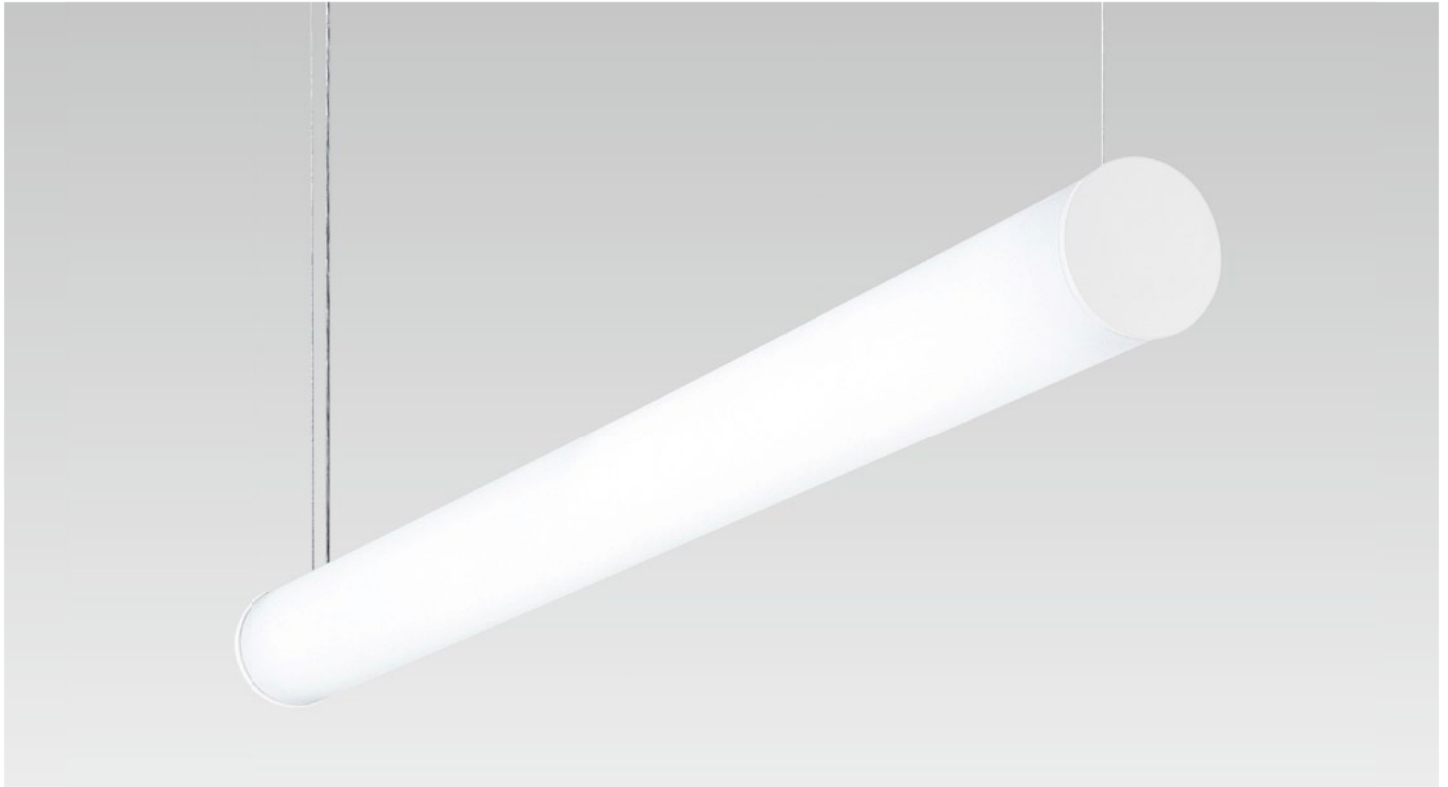
006-...8 PMMA
 1 PC 850°

► HOSPITAL ENTRANCE HALL, LINZ

Architect: Moser Architekten, Vienna
Lighting design: Kurt Buchta / Moser Architekten, Vienna







TYPE		TUBO 100		TUBO 100		TUBO 150		TUBO 150		
		e² LED	TYPE 20W 1200 lm* 26W 1600 lm* 53W 3150 lm*	L (MM) 877 1177 2347	CODE 058-1#33#70 058-1#34#70 058-1#38#70		e² LED	TYPE 20W 1300 lm* 26W 1700 lm* 53W 3400 lm*	L (MM) 877 1177 2347	CODE 058-1#83#70 058-1#84#70 058-1#88#70
		T16 65	TYPE 1x21/39W T16 1x28/54W T16 1x35/49/80W T16 2x1x21/39W T16 2x1x28/54W T16 2x1x35/49W T16	L (MM) 877 1177 1477 1767 2367 2967	CODE 058-1#031#70 058-1#041#70 058-1#051#70 058-1#061#70 058-1#081#70 058-1#091#70		e² LED	TYPE 1x21/39W T16 1x28/54W T16 1x35/49/80W T16 1x35W T16 MINERGIE* 2x1x21/39W T16 2x1x28/54W T16 2x1x35/49W T16	L (MM) 877 1177 1477 1635 2235 2835	CODE 058-1#531#70 058-1#541#70 058-1#551#70 058-1#551#70 058-1#561#70 058-1#581#70 058-1#591#70
<p>use only HE lamps for ceiling version</p>										
MOUNTING		<p>058- 1..... ceiling mounting 2..... 2000mm cable suspension</p>								
1	2									
LED COLOUR TEMPERATURE		<p>058-...5... 3000K 6... 4000K * Luminous Flux</p>								
5	6									
CONTROL		<p>058-...1... non dimmable 2... DIM 1-10V 3... DIM DALI 5... push-button (only for LED)</p>								
1	2	3	5							

E

Profile made of aluminium, white powder coating
Cylindrical satin PMMA cover with 100 or 150mm diameter
End cap made of aluminium, white powder coating
End caps with snap in function for comfortable change of light source
3D offset lamps allow for uniform illumination to all sides
Version with highly efficient LEDs with high CRI
T16 DALI ballast with additional touch dimming via push button
Adjustable cable suspension or direct mounting, toolless adjustment

ESP

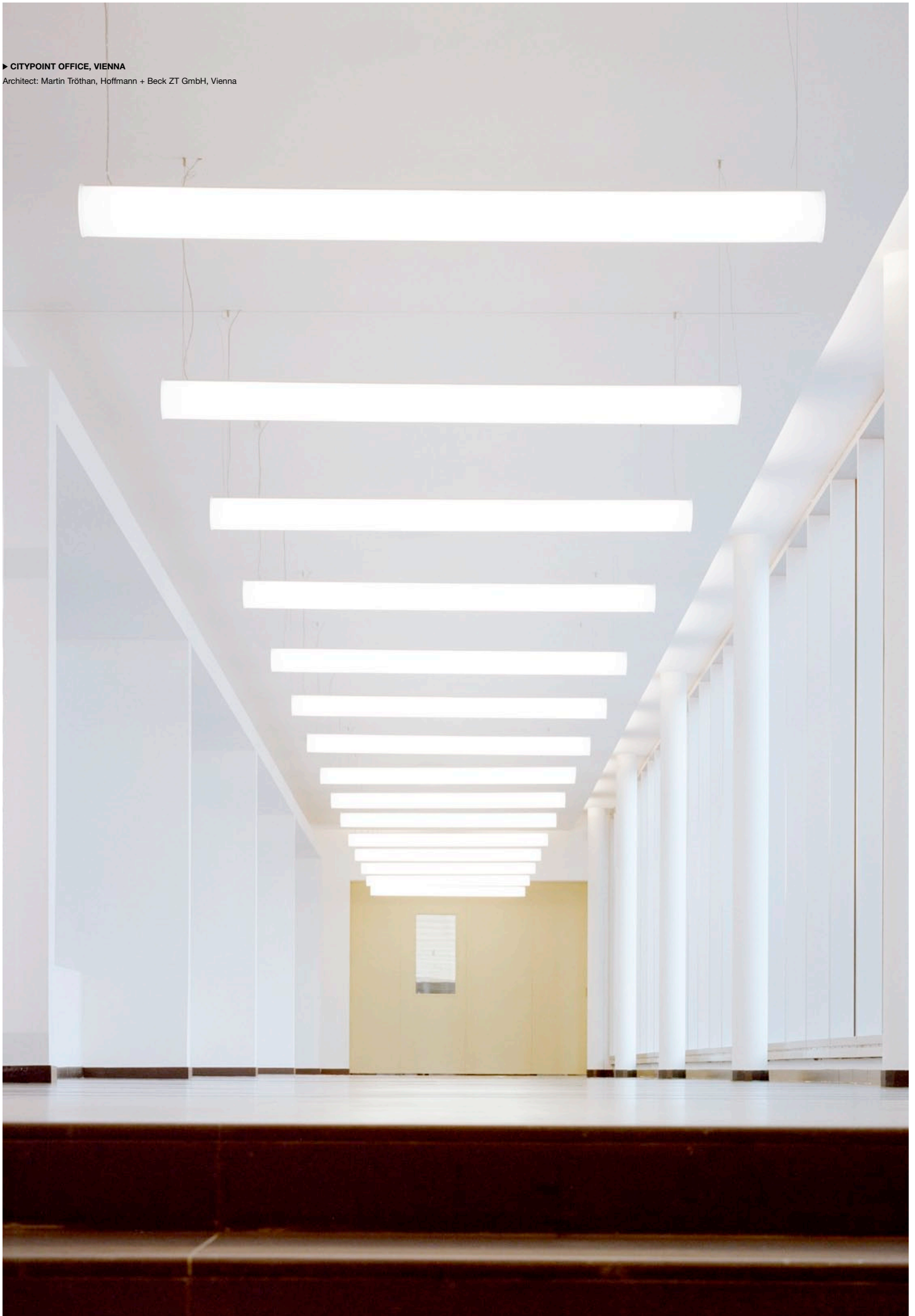
Perfil de soporte de aluminio en barniz estructurado blanco
Tapa PMMA satinada cilíndrica con diámetros de 100 o 150mm
Tapa final de aluminio en barniz estructurado blanco
Tapa final con encaje para un cambio confortable del medio de iluminación
Iluminación sin sombras mediante montura desplazada en 3D
Versión con LED de alta eficiencia con alta reproducción cromática
Balastro para T16 con DALI con función Touch-DIM adicional
Montaje directo o suspensión reajutable en altura sin herramientas

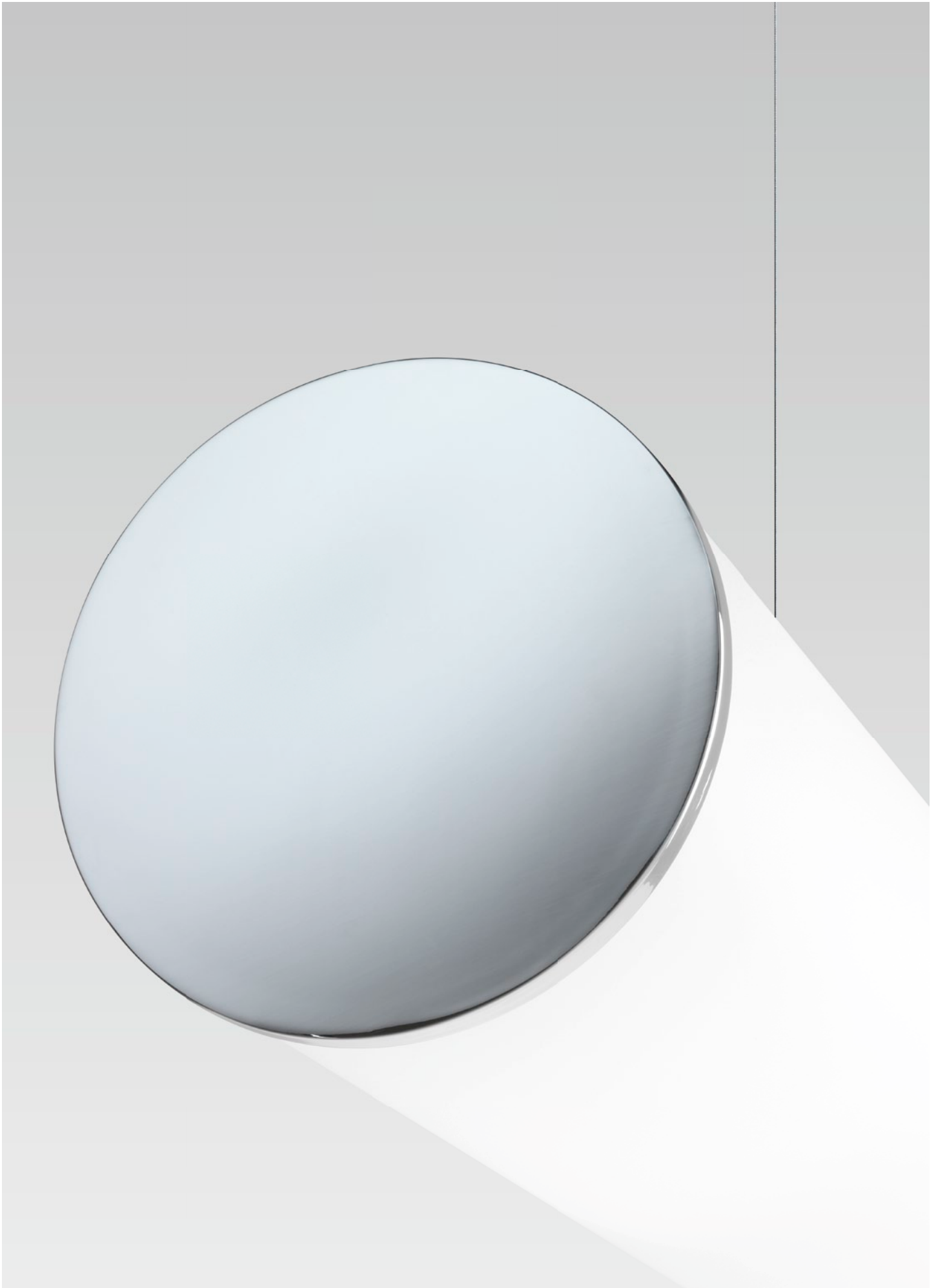
RU

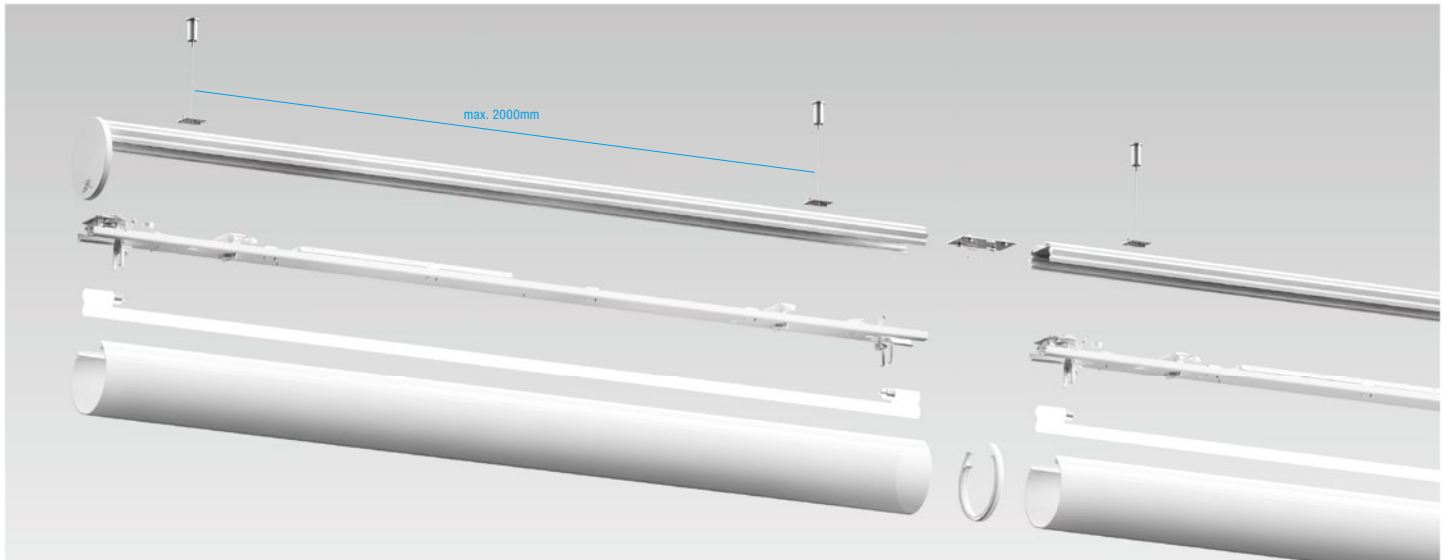
Алюминиевый профиль, покрыт белой порошковой краской
Опаловый рассеиватель диаметр 100 или 150мм
Заглушка торцевая из алюминия, белая порошковая окраска
Торцевая заглушка с креплением, упрощающим смену ламп
Специальные вставки равномерно засвечивают пространство, создавая 3-D эффект
Доступна версия с энергоэффективными LED с высоким индексом цветопередачи
T16 DALI балласт с доп. функцией димирования через кнопку
Регулируемый подвес или в потолочной версии исполнения

► CITYPOINT OFFICE, VIENNA

Architect: Martin Tröthan, Hoffmann + Beck ZT GmbH, Vienna







CHANNEL

		TUBO 100 Installation channel	
		L (MM)	CODE
		582	029-00667
		882	029-00967
		1182	029-01267
		1482	029-01567
		1764	029-01667
		2364	029-02567
		3000	029-03067
		custom cut	859-50xxxx7
		TUBO 100 End caps	
		COLOUR	CODE
		chrome	029-14064
		white	029-14067

ACCESSORY

		TUBO 100 Linear connector	
		CODE	
		029-12027	
		TUBO 100 Cable- rod suspension	
		TYPE	L (MM)
		cable suspension	2000
		cable suspension	4000
		rod suspension	40
		CODE	
		029-00527	
		029-00627	
		029-00446	
		TUBO 100 Angular cable suspension (max. 60°)	
		TYPE	L (MM)
		angular cable susp.	2000
		angular cable susp.	4000
		CODE	
		029-00537	
		029-00637	
		029-00347	
		anti-slip protection (per cover)	
		TUBO 100 Power feeder	
		TYPE	L (MM)
		3x1,5mm ²	2000
		5x1,5mm ²	2000
		3x1,5mm ²	4000
		5x1,5mm ²	4000
		CODE	
		029-16327	
		029-16527	
		029-16347	
		029-16547	
		TUBO 100 Through wire	
		TYPE	CODE
		3-pole	004-90003
		5-pole	004-90005
		10 pieces per pack	

INSET

		INSET e² LED	
		TYPE	L (MM)
		13W LED 1150 lm*	570
		20W LED 1700 lm*	870
		26W LED 2250 lm*	1170
		CODE	
		029-8732#7	
		029-8733#7	
		029-8734#7	
		INSET SEAMLESS	
		TYPE	L (MM)
		1x24W	581
		1x21/39W	881
		1x28/54W	1181
		1x35/49W	1481
		2x1x21/39W	1762
		2x1x28/54W	2362
		2x1x35/49W	2962
		CODE	
		014-60107	
		014-611#7	
		014-621#7	
		014-631#7	
		014-612#7	
		014-622#7	
		014-632#7	
		INSET SEAMLESS EMERGENCY	
		TYPE	L (MM)
		1x28/54W UW CEAG	1181
		1x35W emergency 1h	1481
		1x35/49W UW CEAG	1481
		CODE	
		014-621#7UW	
		014-631#7N1	
		014-631#7UW	

LED COLOUR TEMPERATURE

5	6	029-...5_ 3000K
		6_ 4000K
		* Luminous Flux

CONTROL LED

1	2	3	5	029-...1_ non dimmable
				2_ DIM 1-10V
				3_ DIM DALI
				5_ push-button

CONTROL T16

5	6	8	014-...5_ non dimmable
			6_ DIM 1-10V
			8_ DIM DALI

ADDITIONAL INFORMATION

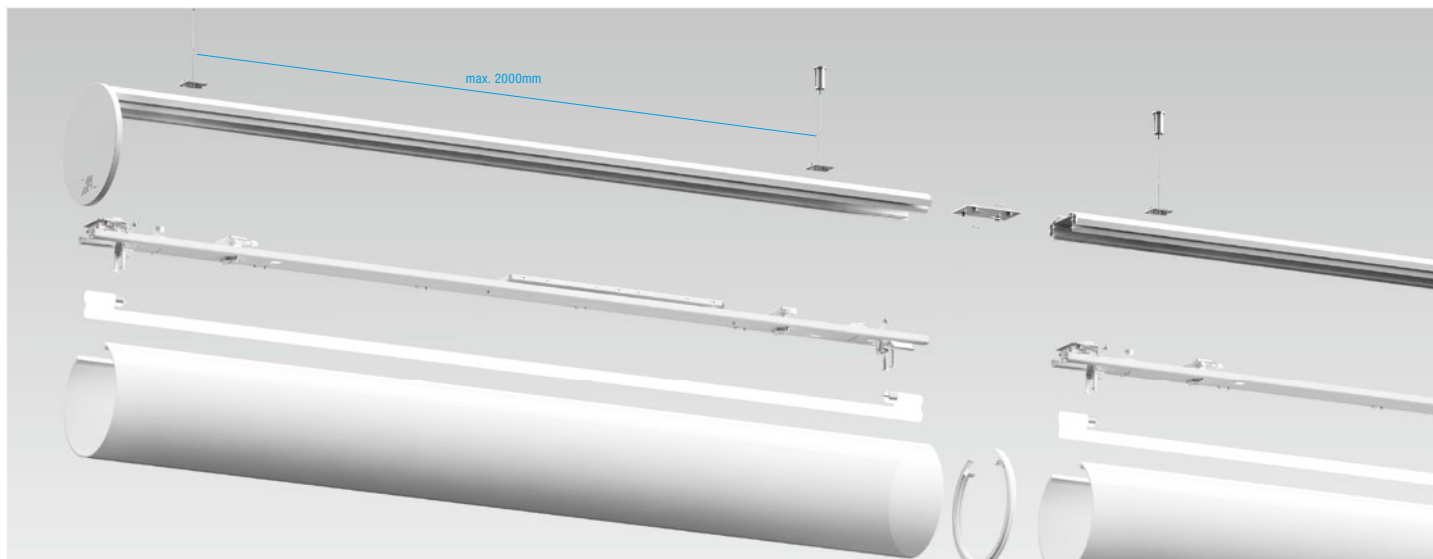
For ceiling mounting use only HE lamps

COVER

		TUBO 100 Cover	
		L (MM)	CODE
		577	006-5205700
		877	006-5208700
		1177	006-5211700
		1477	006-5214700
		1759	006-5216300
		2359	006-5223400
		2995	006-5230000
		custom cut	859-10xxxx0
		TUBO 100 Acrylic linear connector for cover	
		CODE	
		029-12927	







CHANNEL

		TUBO 150 Installation channel
		L (MM)
		582
		882
		1182
		1482
		1764
		2364
		3000
		custom cut
		CODE
		029-00677
		029-00977
		029-01277
		029-01577
		029-01677
		029-02577
		029-03077
		859-60xxxx7

		TUBO 150 End caps
		COLOUR
		chrome
		white
		CODE
		029-13074
		029-13077

ACCESSORY

		TUBO 150 Linear connector
		CODE
		029-12027

		TUBO 150 Cable- rod suspension
		TYPE
		cable suspension
		cable suspension
		rod suspension
		L (MM)
		2000
		4000
		40
		CODE
		029-00527
		029-00627
		029-00446

		TUBO 150 Angular cable suspension (max. 60°)
		TYPE
		angular cable susp.
		angular cable susp.
		anti-slip protection (per cover)
		L (MM)
		2000
		4000
		CODE
		029-00537
		029-00637
		029-00357

		TUBO 150 Power feeder
		TYPE
		3x1,5mm ²
		5x1,5mm ²
		3x1,5mm ²
		5x1,5mm ²
		L (MM)
		2000
		2000
		4000
		4000
		CODE
		029-16327
		029-16527
		029-16347
		029-16547

		TUBO 150 Through wire
		TYPE
		3-pole
		5-pole
		CODE
		004-90003
		004-90005
		10 pieces per pack

INSET T16

		INSET e² LED
		TYPE
		13W LED 1150 lm*
		20W LED 1700 lm*
		26W LED 2250 lm*
		L (MM)
		570
		870
		1170
		CODE
		029-8732#7
		029-8733#7
		029-8734#7

		INSET 3D-OFFSET
		TYPE
		1x14/24W
		2x1x14/24W
		1x21/39W
		1x28/54W
		1x35/49/80W
		2x1x21/39W
		2x1x28/54W
		2x1x35/49W
		L (MM)
		456+116
		914+116
		756+116
		1056+116
		1356+116
		1514+116
		2114+116
		2714+116
		CODE
		029-301#7
		029-302#7
		029-311#7
		029-321#7
		029-331#7
		029-312#7
		029-322#7
		029-332#7

		INSET SEAMLESS
		TYPE
		1x24W
		1x21/39W
		1x28/54W
		1x35/49W
		2x1x21/39W
		2x1x28/54W
		2x1x35/49W
		L (MM)
		581
		881
		1181
		1481
		1762
		2362
		2962
		CODE
		014-60107
		014-611#7
		014-621#7
		014-631#7
		014-612#7
		014-622#7
		014-632#7

LED COLOUR TEMPERATURE

		029-...5_ 3000K
		6_ 4000K
		* Luminous Flux

CONTROL LED

non dimmable	DIM 1-10V	DIM DALI	push-button	
029-...1	2	3	5	
				029-...1 non dimmable
				2 DIM 1-10V
				3 DIM DALI
				5 push-button

CONTROL T16

non dimmable	DIM 1-10V	DIM DALI						
0_...5	6	8						
								0_...5 non dimmable
								6 DIM 1-10V
								8 DIM DALI

EMERGENCY

Emergency on request, please contact factory

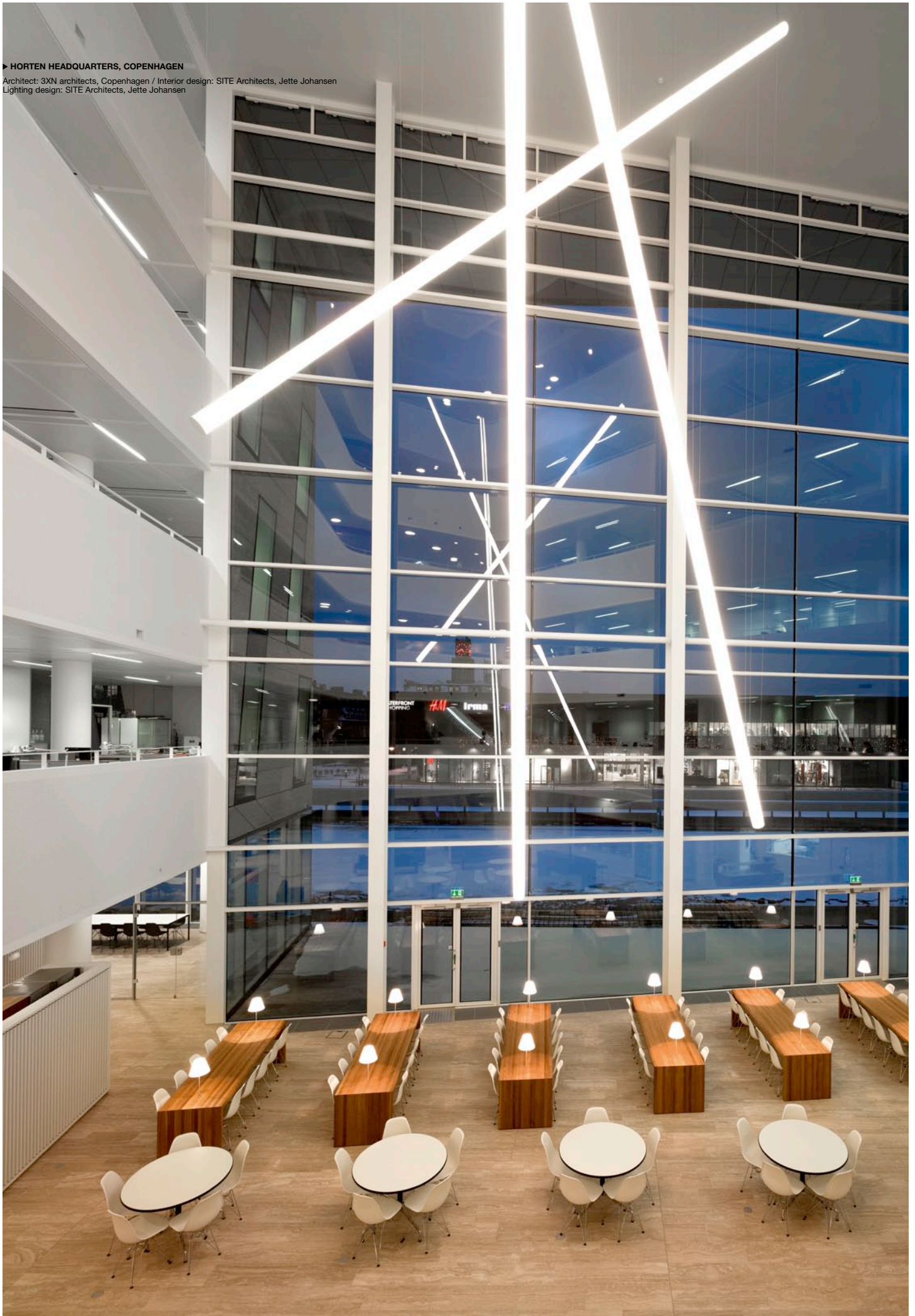
COVER

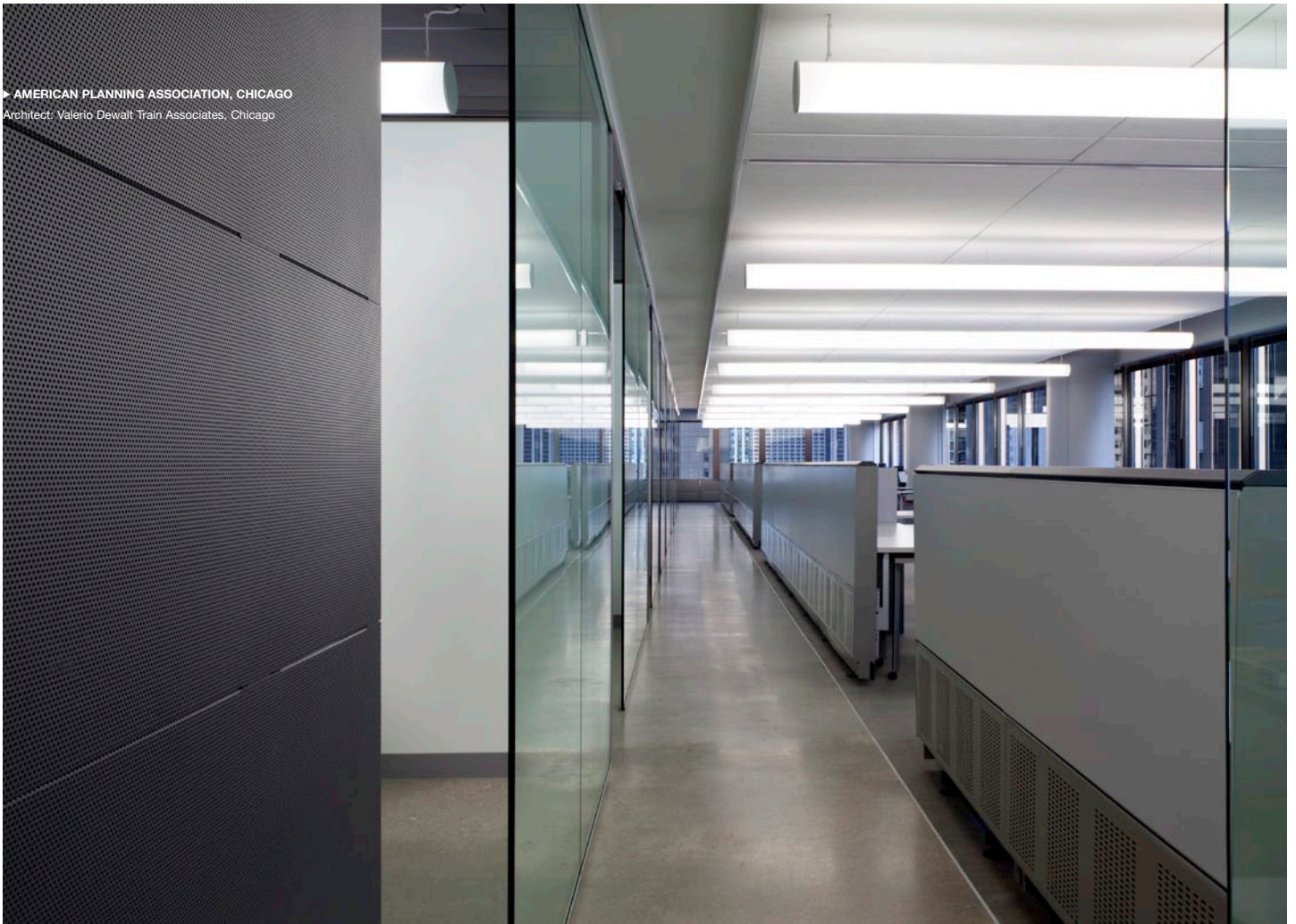
		TUBO 150 Cover
		L (MM)
		577
		877
		1177
		1477
		1759
		2359
		2995
		custom cut
		CODE
		006-5305700
		006-5308700
		006-5311700
		006-5314700
		006-5316300
		006-5323400
		006-5330000
		859-20xxxx0

		TUBO 150 Acrylic linear connector for cover
		CODE
		029-11927

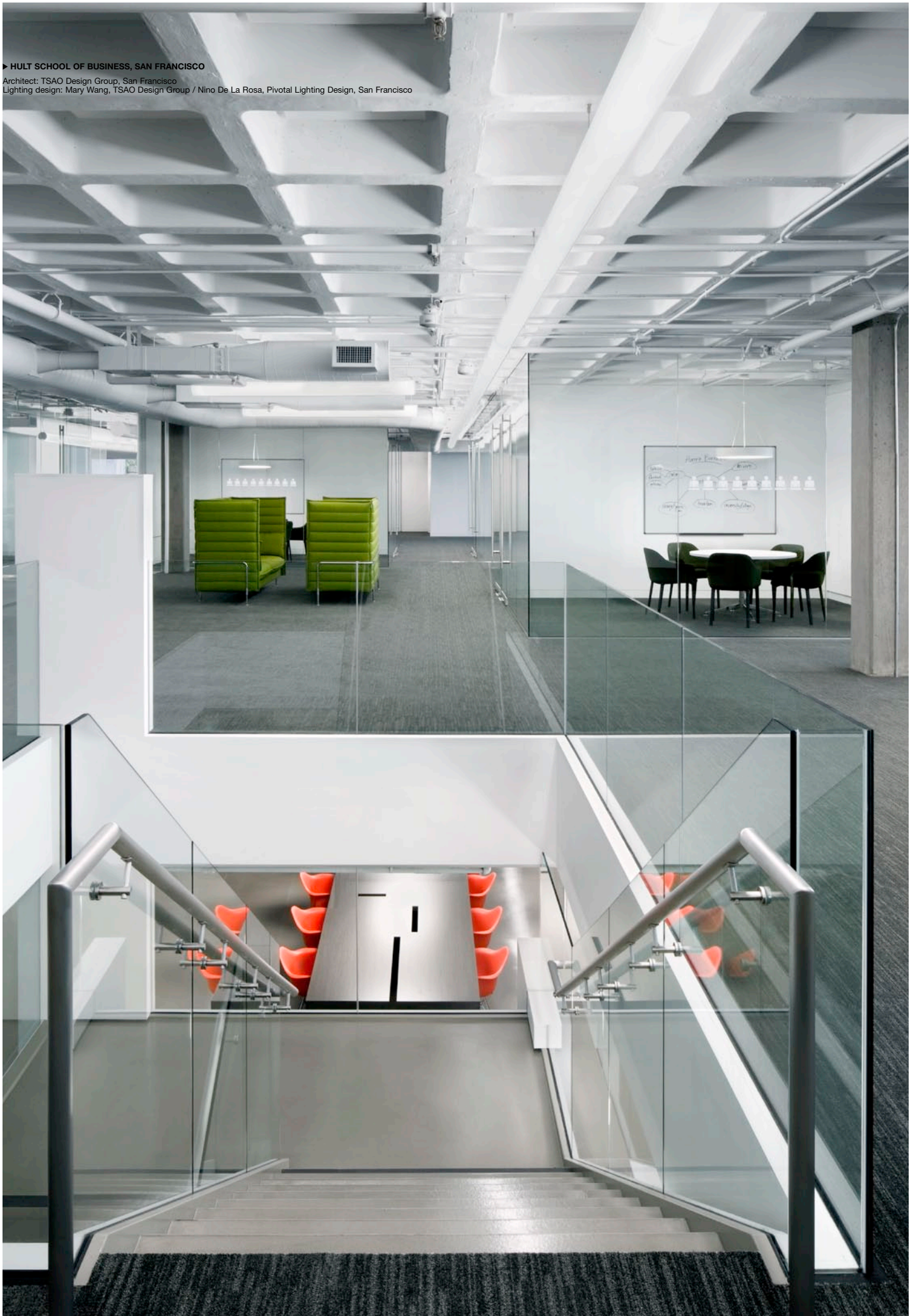
► HORTEN HEADQUARTERS, COPENHAGEN

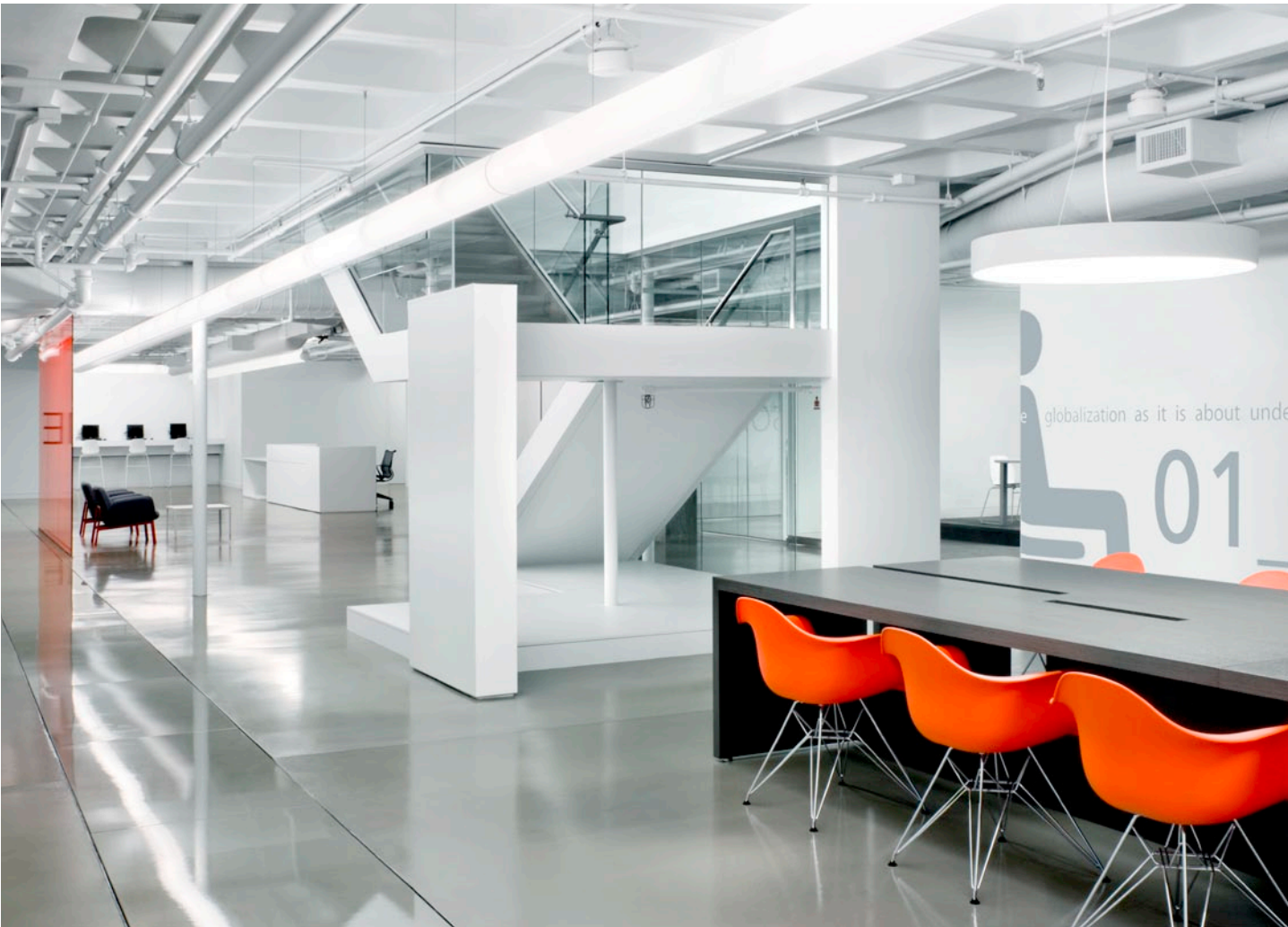
Architect: 3XN architects, Copenhagen / Interior design: SITE Architects, Jette Johansen
Lighting design: SITE Architects, Jette Johansen

















TYPE		EVANA 100 SURFACE		EVANA 100 SUSPENDED	
		TYPE 1x21/39W T16 1x28/54W T16 1x35/49/80W T16	L (MM) 886 1186 1486	TYPE 1x21/39W T16 1x28/54W T16 1x35/49/80W T16	L (MM) 886 1186 1486
CONTROL		040-...5_ non dimmable 6_ DIM 1-10V 8_ DIM DALI			
non dimmable 5	DIM 1-10V 6			DIM DALI 8	
COLOUR		040-...6_ anodised aluminium 7_ white 8_ black			
6	7			8	

E

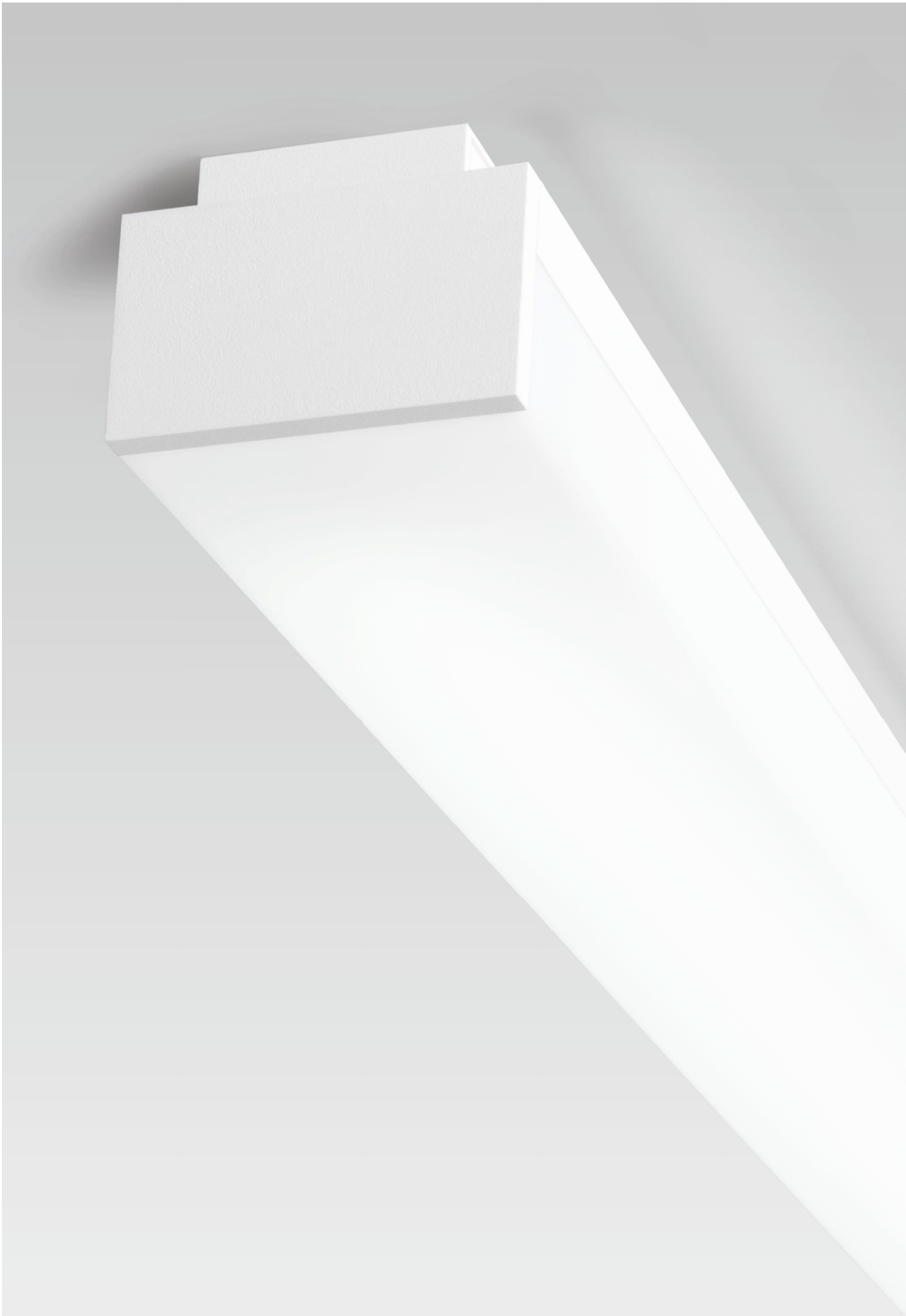
Housing made of edged, extruded aluminium
 Surface natural anodised or white or black powder coating
 End cap made of aluminium in luminaire colour
 3 directional luminaire with satined PMMA-cover
 T16 version with multi-ballast, optionally dimmable with 1-10V or DALI ballast
 DALI ballast with additional touch dimming via push button
 2 cable entry points and clamp for through-wiring
 Adjustable cable suspension or direct mounting, toolless adjustment

ESP

Perfil angular de aluminio extrudido
 Superficie anodizada natural, con barniz estructurado blanco o negro
 Tapa final de aluminio en el color del cuerpo de la luminaria
 Luminaria con emisión trilateral con tapa PMMA satinada
 Versión T16 con multi balastro, opcional dimeable con 1-10V o balastro DALI
 Balastro para DALI con función Touch-DIM adicional
 2 aperturas para cables y terminal para cableado continuo
 Montaje directo o suspensión reajutable en altura sin herramientas

RU

Корпус из алюминия
 Поверхность: анодированный алюминий, белая или черная порошковая окраска
 Заглушка торцевая из алюминия, в цвет светильника
 Светораспределение в 3 стороны, матовый PMMA рассеиватель
 T16 с универ. балластом, опционально диммирование 1-10V, или DALI балласт
 Конвертер DALI с функцией Touch-DIM
 2 отверстия для подвода питания и клеммная колодка для сквозной проводки
 Регулируемый подвес или в потолочной версии исполнения





TYPE		BAT 200	
		QR-LP 111 G53 HIT-CE G12 220-240V	TYPE 1x50W QR-LP 111 1x35W HIT-CE 1x50W HIT-CE CODE 059-910011# 059-912011# 059-914011#
		QR-LP 111 G53 HIT-CE G12 220-240V	TYPE 2x50/75W QR-LP 111 2x35W HIT-CE 2x50W HIT-CE CODE 059-9#0111# 059-9#2111# 059-9#4111# use only 75W QR-LP 111 for suspended version
		QR-LP 111 G53 HIT-CE G12 220-240V	TYPE 2x50/75W QR-LP 111 2x35W HIT-CE 2x50W HIT-CE CODE 059-9#0411# 059-9#2411# 059-9#4411# use only 75W QR-LP 111 for suspended version
		QR-LP 111 G53 HIT-CE G12 220-240V	TYPE 4x50/75W QR-LP 111 4x35W HIT-CE 4x50W HIT-CE CODE 059-9#0421# 059-9#2421# 059-9#4421# use only 75W QR-LP 111 for suspended version
		QR-LP 111 G53 HIT-CE G12 220-240V	TYPE 4x75W QR-LP 111 4x35W HIT-CE 4x50W HIT-CE CODE 059-920811# 059-922811# 059-924811# use only 75W QR-LP 111 for suspended version
		QR-LP 111 G53 HIT-CE G12 220-240V	TYPE 4x50/75W QR-LP 111 4x35W HIT-CE 4x50W HIT-CE CODE 059-9#0911# 059-9#2911# 059-9#4911# use only 75W QR-LP 111 for suspended version

MOUNTING	
	059-1..... ceiling mounted
	2..... 2000mm cable suspension

COLOUR	
	059-.....6 anodised aluminium/black
	7 white
	8 black

REFLECTOR	
	059-.....S spot 14°
	M medium 25°
	F flood 40°
	W wide flood 60°

E
 Housing made of edged, extruded aluminium
 Surface natural anodised or white or black powder coating
 Black bottom section or completely powder coated white
 Spotlight made of aluminium, 355° rotatable, 35° tiltable
 HIT luminaires with filters for reduction of UV emission
 Adjustable cable suspension or direct mounting, toolless adjustment
 Colour filters, lenses and louvers available as accessories (max. 1)

ESP
 Perfil angular de aluminio extrudido
 Superficie anodizada natural, con barniz estructurado blanco o negro
 Vista inferior con barniz estructurado negro o blanco
 Reflector de aluminio girable 355° y orientable 35°
 Luminarias HIT con filtro para la reducción de emisión ultravioleta
 Montaje directo o suspensión reajutable en altura sin herramientas
 Filtros de color, lentes, louver (máx. 1 unidad) como accesorios

RU
 Корпус из алюминия
 Поверхность: анодированный алюминий, белая или черная порошковая окраска
 Черное дно или целиком белая порошковая окраска
 Spotlight из алюминия с возможностью поворота на 355° и наклона на 35°
 Фильтр, сокращающий UV-излучение, для варианта с металлогалогенными лампами
 Регулируемый подвес или в потолочной версии исполнения
 Цветовые фильтры, линзы, ячеистые сетки доступны в качестве комплектующих(макс. 1 шт.)

ACCESSORY

COLOUR AND PROTECTION FILTERS for QR-LP 111		
TYPE	Ø/H (MM)	CODE
dichroic colour filter	105/3	006-92231
dichroic colour filter	105/3	006-92232
dichroic colour filter	105/3	006-92233
dichroic colour filter	105/3	006-92234
UV protection filter	105/3	006-92235
IR protection filter	105/3	006-92236

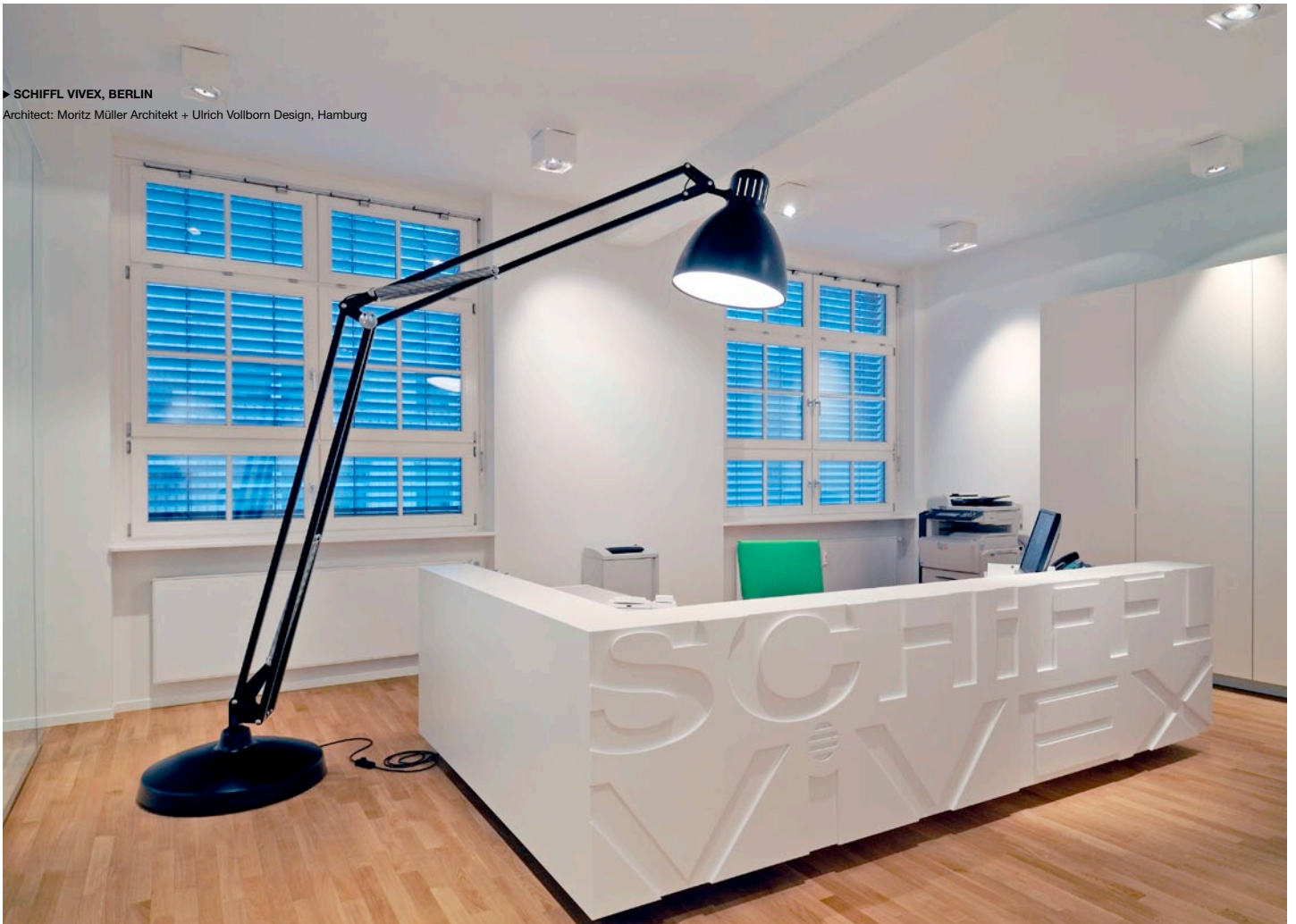
COLOUR AND PROTECTION FILTERS for HIT-CE		
TYPE	Ø/H (MM)	CODE
dichroic colour filter	105/3	006-92231
dichroic colour filter	105/3	006-92232
dichroic colour filter	105/3	006-92233
dichroic colour filter	105/3	006-92234
UV protection filter	105/3	006-92235
IR protection filter	105/3	006-92236

LENSES AND HONEYCOMB LOUVER for QR-LP 111		
TYPE	Ø/H (MM)	CODE
Sculpture lens	105/3	006-92237
Flood lens clear	105/3	006-92238
Honeycomb louver	105/3	006-93132

LENSES AND HONEYCOMB LOUVER for HIT-CE		
TYPE	Ø/H (MM)	CODE
Sculpture lens	105/3	006-92237
Flood lens clear	105/3	006-92238
Honeycomb louver	96/4	006-93132

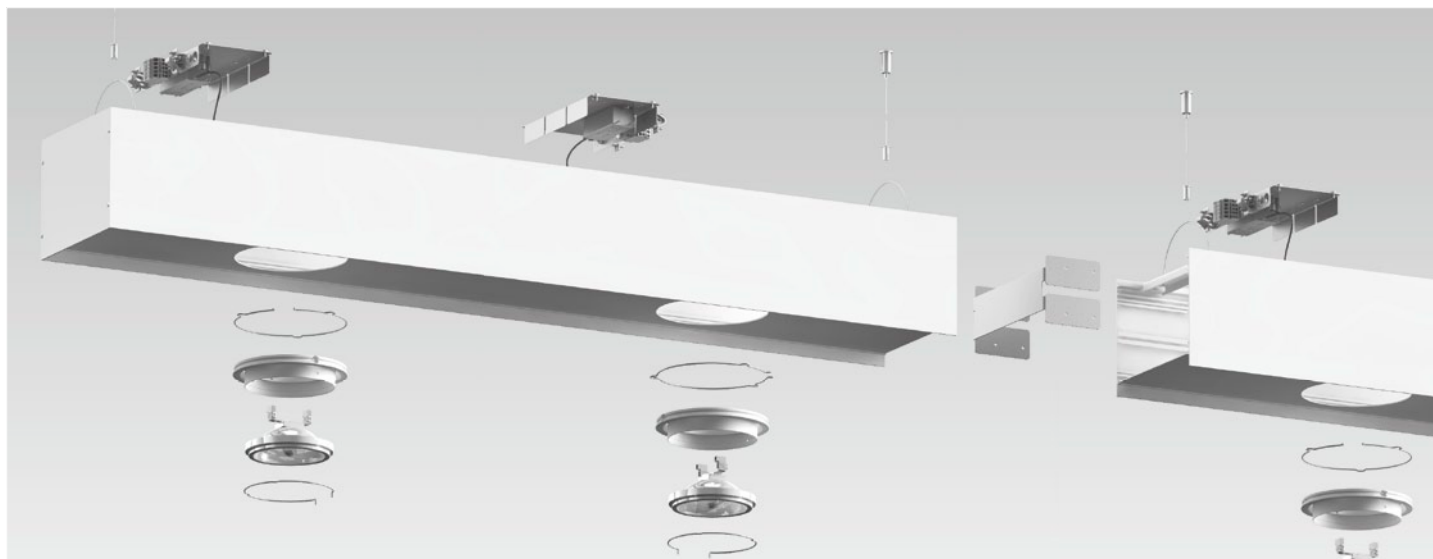
COLOUR	
	006-.....W white
	B black











CHANNEL

		<p>BAT Installation channel</p> <p>L (MM) 1200 2400 custom cut</p> <p>CODE 033-2120# 033-2240# 860-10xxx#</p>
		<p>BAT 1200 Installation channel</p> <p>TYPE 1 spotlight 2 spotlights</p> <p>Order spotlight separately!</p> <p>CODE 033-2121# 033-2122#</p>
		<p>BAT 2400 Installation channel</p> <p>TYPE 2 spotlights 4 spotlights</p> <p>Order spotlight separately!</p> <p>CODE 033-2242# 033-2244#</p>
		<p>BAT Corner connector 90°</p> <p>CODE 033-2264#</p>
		<p>BAT End caps</p> <p>COLOUR anodised aluminium white black</p> <p>CODE 033-23046 033-23047 033-23048</p>

COLOUR

<p>032-...6 anodised aluminium black 7 white white 8 black black</p>		

INSET

		<p>INSET SPOT</p> <p>TYPE 1x50W QR-LP 111</p> <p>CODE 033-1717#</p>
		<p>INSET SPOT</p> <p>TYPE 1x35W HIT-CE 1x50W HIT-CE</p> <p>CODE 033-1110# 033-1210#</p>

COLOUR

<p>033-...7_ white 8_ black</p>	

REFLECTOR

<p>033-...S spot 14° M medium 25° F flood 40° W wide flood 60°</p>			

ACCESSORY

<p>SEE PAGE 121 FOR MORE ACCESSORIES Colour and protection filter Lenses and honeycomb louver</p>	

ELECTRICAL

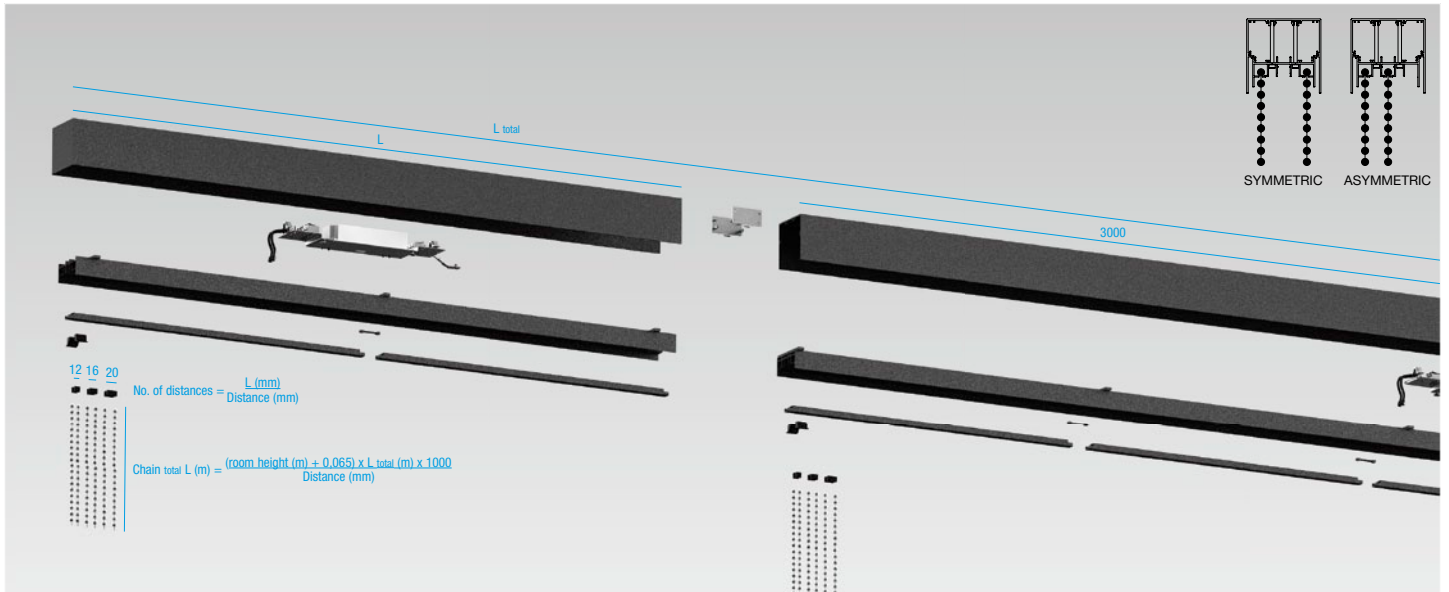
		<p>BAT Cable suspension</p> <p>L (MM) 2000 4000</p> <p>CODE 033-10526 033-10626</p>															
		<p>BAT Power feeder</p> <table border="1"> <tr> <th>TYPE</th> <th>L (MM)</th> <th>CODE</th> </tr> <tr> <td>3x1,5mm²</td> <td>2000</td> <td>005-3262#</td> </tr> <tr> <td>5x1,5mm²</td> <td>2000</td> <td>005-3263#</td> </tr> <tr> <td>3x1,5mm²</td> <td>4000</td> <td>005-3264#</td> </tr> <tr> <td>5x1,5mm²</td> <td>4000</td> <td>005-3265#</td> </tr> </table>	TYPE	L (MM)	CODE	3x1,5mm ²	2000	005-3262#	5x1,5mm ²	2000	005-3263#	3x1,5mm ²	4000	005-3264#	5x1,5mm ²	4000	005-3265#
TYPE	L (MM)	CODE															
3x1,5mm ²	2000	005-3262#															
5x1,5mm ²	2000	005-3263#															
3x1,5mm ²	4000	005-3264#															
5x1,5mm ²	4000	005-3265#															
		<p>BAT Connection cable silicone</p> <table border="1"> <tr> <th>TYPE</th> <th>L (MM)</th> <th>CODE</th> </tr> <tr> <td>3x1,5mm²</td> <td>500</td> <td>005-99230</td> </tr> <tr> <td>3x1,5mm²</td> <td>1000</td> <td>005-99231</td> </tr> <tr> <td>3x1,5mm²</td> <td>2000</td> <td>005-99232</td> </tr> <tr> <td>3x1,5mm²</td> <td>3000</td> <td>005-99233</td> </tr> </table>	TYPE	L (MM)	CODE	3x1,5mm ²	500	005-99230	3x1,5mm ²	1000	005-99231	3x1,5mm ²	2000	005-99232	3x1,5mm ²	3000	005-99233
TYPE	L (MM)	CODE															
3x1,5mm ²	500	005-99230															
3x1,5mm ²	1000	005-99231															
3x1,5mm ²	2000	005-99232															
3x1,5mm ²	3000	005-99233															

COLOUR

<p>005-...6 grey 7 white 8 black</p>		







CHANNEL

JANE Installation channel incl. end caps

L (MM)	CODE
628	031-206##
928	031-209##
1228	031-212##
1528	031-215##
1828	031-217##
2128	031-219##
2428	031-225##
3000 system (without end caps)	031-230##

JANE Corner connector 90°

TYPE	CODE
symmetric	031-1911#
asymmetric - chain inside	031-1912#
asymmetric - chain outside	031-1913#

BEAM

031-...5	symmetric
6	asymmetric

COLOUR

031-...7	white
8	black

CHAIN

BALL CHAIN | DISTANCES

COLOUR	L (M)	CODE
chrome	20	031-14004.20

BALL CHAIN | DISTANCES

COLOUR	L (M)	CODE
gun metal	20	031-14005.20

DROP CHAIN | DISTANCES

COLOUR	L (M)	CODE
gun metal	20	031-15005.20
gun metal	100	031-15005.100

CURTAIN HOOKS

TYPE	CODE
curtain hook	031-15100.100
clip curtain hook	031-15101.100

INSET

NANO FIX black spot 10°

TYPE	L (MM)	CODE
5.5W LED 395 lm*	300	007-2135##8S
11W LED 790 lm*	600	007-2137##8S

connection cable (10 pcs.) 007-1914010
007-1914020

LED COLOUR TEMPERATURE

007-...4	2700K
5	3000K
6	4000K

* Luminous Flux (3000K CRI 80+, medium)

CONTROL

non dimmable	dimmable
5	4

007-...5 non dimmable
4 dimmable

ACCESSORY

JANE Linear connector

L/B/H (MM)	CODE
60/31/2	031-16930

ELECTRICAL

LED CONVERTER NON DIMMABLE 24V DC, supply 100-240V AC

TYPE	L/B/H (MM)	CODE
35W max. 25 LED	301/68/38	031-16850
60W max. 40 LED	301/68/40	031-16860

LED CONVERTER DIMMABLE 24V DC, supply 100-240V AC

TYPE	L/B/H (MM)	CODE
35W max. 25 LED	410/68/41	031-1685#
60W max. 40 LED	410/68/41	031-1686#

CONTROL

DIM 1-10V	DIM DALI	push-button	DMX control
1	2	3	4

031-...1 DIM 1-10V
2 DIM DALI
3 push-button
4 DMX





