

LIQUID LINE - A3



DE

LED-Systemleuchte, direktstrahlend für Wand- und Deckenmontage. Microprismenoptik aus Spezialacrylglas, alternativ Opaldiffusor aus satiniertem Acrylglas. Beliebige System-Konfigurationen auf der gesamten Länge perfekt homogen ausgeleuchtet.

Leuchtenkörper aus Aluminium-Strangpress-Profil. Oberfläche in Strukturlack matt weiß (RAL9003) oder matt silber (RAL9006). Optional weitere Farben (s. Oberflächenübersicht).

LED-Konverter wahlweise schaltbar oder dimmbar (1-10V, DALI, Touch-Dim). Werkseitige Konverterprogrammierung ermöglicht unterschiedliche Lichtstromoptionen.

Standard LED-Farbtemperatur 2700K, 3000K und 4000K. Auf Wunsch 2200K, 3500K, 5000K, 6500K. Enge Farbtoleranz MacAdam 3. Farbwiedergabe $Ra \geq 80$, auf Anfrage $Ra > 90$ möglich.

Jede Systemleuchte (SYSTEM MODULE) kann wahlweise einzeln montiert oder zu Lichtbändern mit unterschiedlichen Konfigurationen verknüpft werden. Stirnseiten sind separat zu bestellen. Bei Lichtbandmontage ist für jede Stoßstelle ein Verbinder (CONNECTOR) separat zu bestellen.

Lichtstromrückgang auf 80% des Ursprungswertes bei 50000h (L80B10 bei 25°C und max. Medium-Power). 5 Jahre Garantie auf LED-Module und LED-Betriebsgeräte.

EN

LED surface mounted light system with direct only light distribution for walls and ceiling. Microprismatic screen for glare-free illumination, optional opal diffuser for enhanced light transmission. Perfect uniform illumination on the entire length for any system configuration.

Luminaire body made of aluminium-profile. Matt white (RAL9003) or matt silver (RAL9006) powder-coated. On request extensive range of alternative colours (see overview).

LED drivers which can optionally be switched or dimmed (1-10V, DALI, Touch-Dim). Factory-set drivers enable different output levels.

Standard LED colour temperature 2700K, 3000K and 4000K. On request 2200K, 3500K, 5000K, 6500K. MacAdam 3 step binning. Colour rendering $CRI \geq 80$, $CRI > 90$ on request.

Each SYSTEM MODULE functions as stand alone version that can optionally be linked to create continuous lines of light with different configurations. For continuous lines of light you need to order one CONNECTOR for each joint. END CAPS to be ordered separately.

80% of initial output for 50000 operating hours (L80B10 at 25°C and max. Medium-Power). 5 year warranty on all LED boards and LED drivers.

FR

Système de chemin lumineux LED, éclairage direct, pour une installation sur mur et plafond. Diffuseur micro-prismatique en verre acrylique, en option: diffuseur opale en verre acrylique satiné. Éclairage parfaitement homogène sur toute la longueur pour quelque configuration.

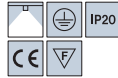
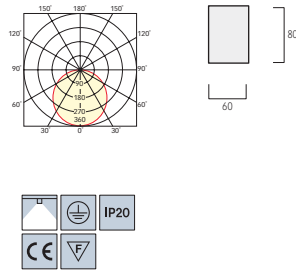
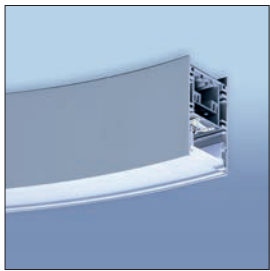
Corps du luminaire en aluminium extrudé. Surface laquée en blanc mat (RAL9003) ou gris mat (RAL9006). Couleurs supplémentaires en option (voir annexe).

Convertisseur LED au choix: commutable ou graduable (1-10V, DALI, Touch-Dim). Programmation en usine offrant différentes options de flux lumineux.

Température de couleur LED standard 2700K, 3000K ou 4000K. Sur demande: 2200K, 3500K, 5000K, 6500K (MacAdam 3). Rendu de couleur $IRC \geq 80$, sur demande $IRC > 90$.

Chaque chemin lumineux (SYSTEM MODULE) peut être monté individuellement ou combiné dans différentes configurations. Cache frontal à commander séparément. Pour un montage en continu les connecteurs (CONNECTOR) sont à commander séparément pour chaque jonction.

50 000 heures de fonctionnement avec une utilisation à 80% de la puissance (L80B10 à 25°C et max. Medium-Power). 5 ans de garantie sur tous les modules LED et convertisseurs LED.

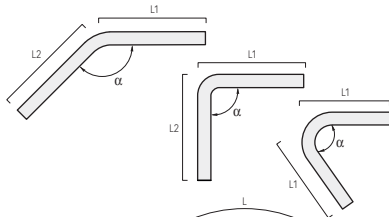


STRAIGHT LINES:



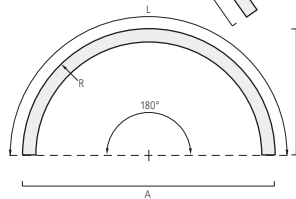
L	LUMEN/WATT	CODE	CODE	KG
LINEAR MODULES		SILVER	WHITE	
600	1110lm/16W*	QA3*SE-###M-L600	QA3*WE-###M-L600	2,5
888	1664lm/23W*	QA3*SE-###M-L888	QA3*WE-###M-L888	3,5
1178	2220lm/30W*	QA3*SE-###M-L1178	QA3*WE-###M-L1178	4,5
1472	2773lm/36W*	QA3*SE-###M-L1472	QA3*WE-###M-L1472	5,5
2340	4437lm/57W*	QA3*SE-###M-L2340	QA3*WE-###M-L2340	7,5

BOOMERANGS:



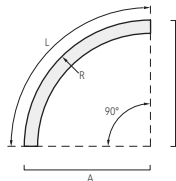
α	L1	L2	LUMEN/WATT	CODE	CODE	KG
BOOMERANGS:		SILVER	WHITE			
135°	480	480	1664lm/23W*	QA3*SE-###M-B135-L960	QA3*WE-###M-B135-L960	6,5
90°	480	480	1664lm/23W*	QA3*SE-###M-B90-L960	QA3*WE-###M-B90-L960	6,5
60°	480	480	1664lm/23W*	QA3*SE-###M-B60-L960	QA3*WE-###M-B60-L960	6,5
45°	1023	1023	3882lm/50W*	QA3*SE-###M-B45-L2046	QA3*WE-###M-B45-L2046	13,5

1/2 CIRCLES:



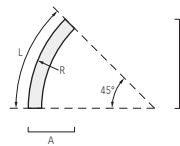
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180° CIRCLES:		SILVER	WHITE				
500	1000	500	1570	2773lm/36W*	QA3*SE-###M-C12-R050-L1570	QA3*WE-###M-C12-R050-L1570	7,0
750	1500	750	2355	4437lm/57W*	QA3*SE-###M-C12-R075-L2355	QA3*WE-###M-C12-R075-L2355	9,5
1000	2000	1000	3140	5546lm/70W*	QA3*SE-###M-C12-R100-L3140	QA3*WE-###M-C12-R100-L3140	11,5

1/4 CIRCLES:



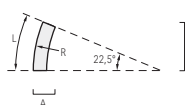
R	A	B	L	LUMEN/WATT	CODE	CODE	KG
90° CIRCLES:		SILVER	WHITE				
500	500	500	785	1387lm/19W*	QA3*SE-###M-C14-R050-L785	QA3*WE-###M-C14-R050-L785	3,2
750	750	750	1178	2220lm/30W*	QA3*SE-###M-C14-R075-L1178	QA3*WE-###M-C14-R075-L1178	4,5
1000	1000	1000	1571	2773lm/36W*	QA3*SE-###M-C14-R100-L1571	QA3*WE-###M-C14-R100-L1571	5,5
1250	1250	1250	1964	3605lm/46W*	QA3*SE-###M-C14-R125-L1964	QA3*WE-###M-C14-R125-L1964	6,7
1500	1500	1500	2356	4437lm/57W*	QA3*SE-###M-C14-R150-L2356	QA3*WE-###M-C14-R150-L2356	8,2
1750	1750	1750	2749	5270lm/67W*	QA3*SE-###M-C14-R175-L2749	QA3*WE-###M-C14-R175-L2749	9,7
2000	2000	2000	3142	5546lm/70W*	QA3*SE-###M-C14-R200-L3142	QA3*WE-###M-C14-R200-L3142	11,2

1/8 CIRCLES:



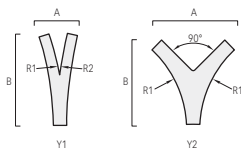
R	A	B	L	LUMEN/WATT	CODE	CODE	KG
45° CIRCLES:		SILVER	WHITE				
1000	335	707	785	1386lm/19W*	QA3*SE-###M-C18-R100-L785	QA3*WE-###M-C18-R100-L785	2,5
1500	482	1060	1178	2220lm/30W*	QA3*SE-###M-C18-R150-L1178	QA3*WE-###M-C18-R150-L1178	3,9
2000	628	1414	1571	2773lm/36W*	QA3*SE-###M-C18-R200-L1571	QA3*WE-###M-C18-R200-L1571	5,4
2500	774	1768	1964	3605lm/46W*	QA3*SE-###M-C18-R250-L1964	QA3*WE-###M-C18-R250-L1964	6,9
3000	921	2121	2356	4437lm/57W*	QA3*SE-###M-C18-R300-L2356	QA3*WE-###M-C18-R300-L2356	8,3
3500	1068	2475	2749	4992lm/63W*	QA3*SE-###M-C18-R350-L2749	QA3*WE-###M-C18-R350-L2749	9,7
4000	1214	2828	3142	5823lm/73W*	QA3*SE-###M-C18-R400-L3142	QA3*WE-###M-C18-R400-L3142	11,5

1/16 CIRCLES:



R	A	B	L	LUMEN/WATT	CODE	CODE	KG
22,5° CIRCLES:		SILVER	WHITE				
2000	208	765	785	1386lm/19W*	QA3*SE-###M-C16-R200-L785	QA3*WE-###M-C16-R200-L785	2,5
3000	284	1148	1178	2220lm/30W*	QA3*SE-###M-C16-R300-L1178	QA3*WE-###M-C16-R300-L1178	4,0
3500	322	1340	1374	2496lm/33W*	QA3*SE-###M-C16-R350-L1374	QA3*WE-###M-C16-R350-L1374	4,6

Y CONNECTORS:



R 1	R 2	A	B	LUMEN/WATT	CODE	CODE	KG
Y CONNECTORS:		SILVER	WHITE				
2500	3500	250	740	3050lm/40W*	QA3*SE-###M-Y1	QA3*WE-###M-Y1	8,5
950	-	635	690	3605lm/46W*	QA3*SE-###M-Y2	QA3*WE-###M-Y2	9,5

OPTICAL SYSTEM *	O: OPAL, A: MICROPRISMATIC
CONTROL	E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI
LED COLOR TEMPERATURE ###	827: 2700K, 830: 3000K, 840: 4000K

*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

FURTHER SYSTEM COMPONENTS:

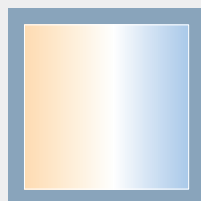


CONNECTOR
CODE: QA3-CONNECTOR

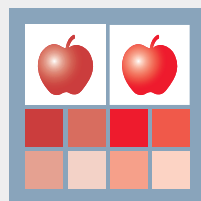


END CAP ONE PIECE
CODE WHITE: QA3-ENDCAP-W
CODE SILVER: QA3-ENDCAP-S

OPTIONAL:



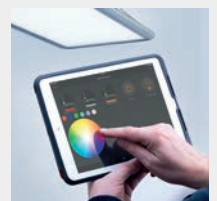
ALTERNATIVE COLOUR
TEMPERATURES:
2200K/ 3500K/ 6500K



LEDS WITH
HIGHER CRI
Ra>90



FURTHER SELECTED
SURFACE DESIGNS:
SEE PAGE 15



BLUETOOTH
MODULE FOR
WIRELESS CONTROL