



CAR105



CARNIVAL

The versatile Carnival downlight covers almost all your downlighting needs in public spaces. Quick connectors and enough connection space enable easy and quick installation. In-built color temperature change, DALI control, glare management and many other possibilities make Carnival downlights an attractive option for your project.

DALI

DALI drivers enable luminaires to be connected to DALI based control systems and Smart Buildings. Compared to a fixed output installation, the dimming and individual control capability provided by DALI enables considerable energy savings and control, depending on luminaire specifications.

DualWhite

Ensto luminaires with DualWhite solution are equipped with integrated option for light colour temperature switching. You can easily switch between 3000K and 4000K which saves your SKUs and gives you possibility to change colour temperature according to project, with one luminaire.



**Dual
White**

1 Luminaire,
2 Colour temperatures

An elegant solution
for every space.





CAR150



CAR200

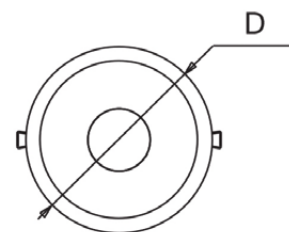
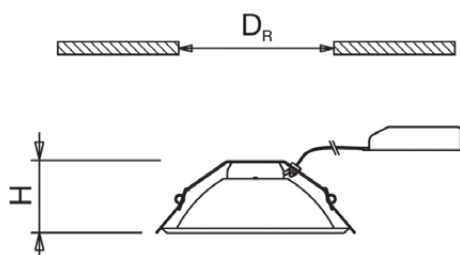


Structure

- Body white painted aluminium
- IP44
- DualWhite technology, 3000K/4000K can be selected with switch
- Selectable luminous flux via DIP switch (Note! Maximum current setting)
- LED luminaire lifespan 100 000 h (L80)

Mounting

- Recess mounting with integrated spring brackets
- Dimensions of luminaire and ceiling cut-out 105 mm, 150 mm or 200 mm
- With DALI and on/off
- Safety distance above luminaire 100 mm
- Ceiling thickness 1-25 mm



	H	D	D _R
CAR105ED/DW	73	130	105
CAR150ED/DW	94	172	150
CAR200ED/DW	100	225	200

Luminaires per miniature circuit breaker	B10	B16	C10	C16
CAR105/DW	35	60	60	100
CAR150/DW	35	60	60	100
CAR200/DW	35	60	60	100
CAR105ED/DW	37	60	37	60
CAR150ED/DW	37	60	37	60
CAR200ED/DW	37	60	37	60

E number	Type	Product name	Output	Kg	Diameter	Luminous flux
Carnival						
42 022 15	CAR105/DW	CAR105 IP44 8W 830/840	8W	1,0	130	830/730/630 lm
42 022 16	CAR150/DW	CAR150 IP44 15W 830/840	15W	1,5	172	1750/1530/1310 lm
42 022 17	CAR200/DW	CAR200 IP44 26W 830/840	26W	2,0	225	3170/2610/2010 lm
Carnival DALI						
42 614 20	CAR105ED/DW	CAR105 IP44 8W 830/840 DA	8W	1,0	130	830/630/430 lm
42 614 21	CAR150ED/DW	CAR150 IP44 15W 830/840 DA	15W	1,5	172	1750/1310/890 lm
42 614 22	CAR200ED/DW	CAR200 IP44 26W 830/840 DA	26W	2,0	225	3170/2610/2010/1350 lm
Mounting frames						
42 614 82	CAR105-MP180	Mounting Frame CAR105/D120-160 WH				
42 614 83	CAR150-MP230	Mounting Frame CAR150/D165-210 WH				
42 614 84	CAR200-MP300	Mounting Frame CAR200/D215-250 WH				
42 614 85	CAR200-MFS300	Mounting Frame Spring CAR200/D250-280 WH				

Carnival

Mounting frames

Carnival

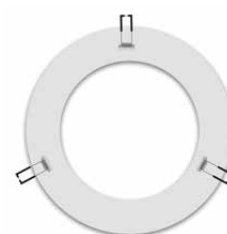
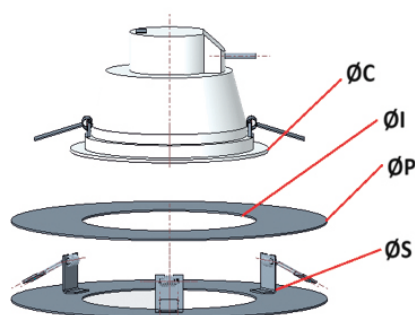
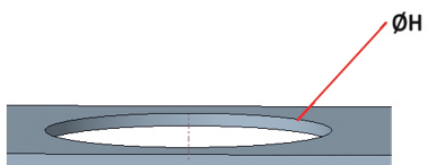
	ØI	ØC
CAR105xxx	105	130
CAR150xxx	150	172
CAR200xxx	200	225

Carnival mounting frames

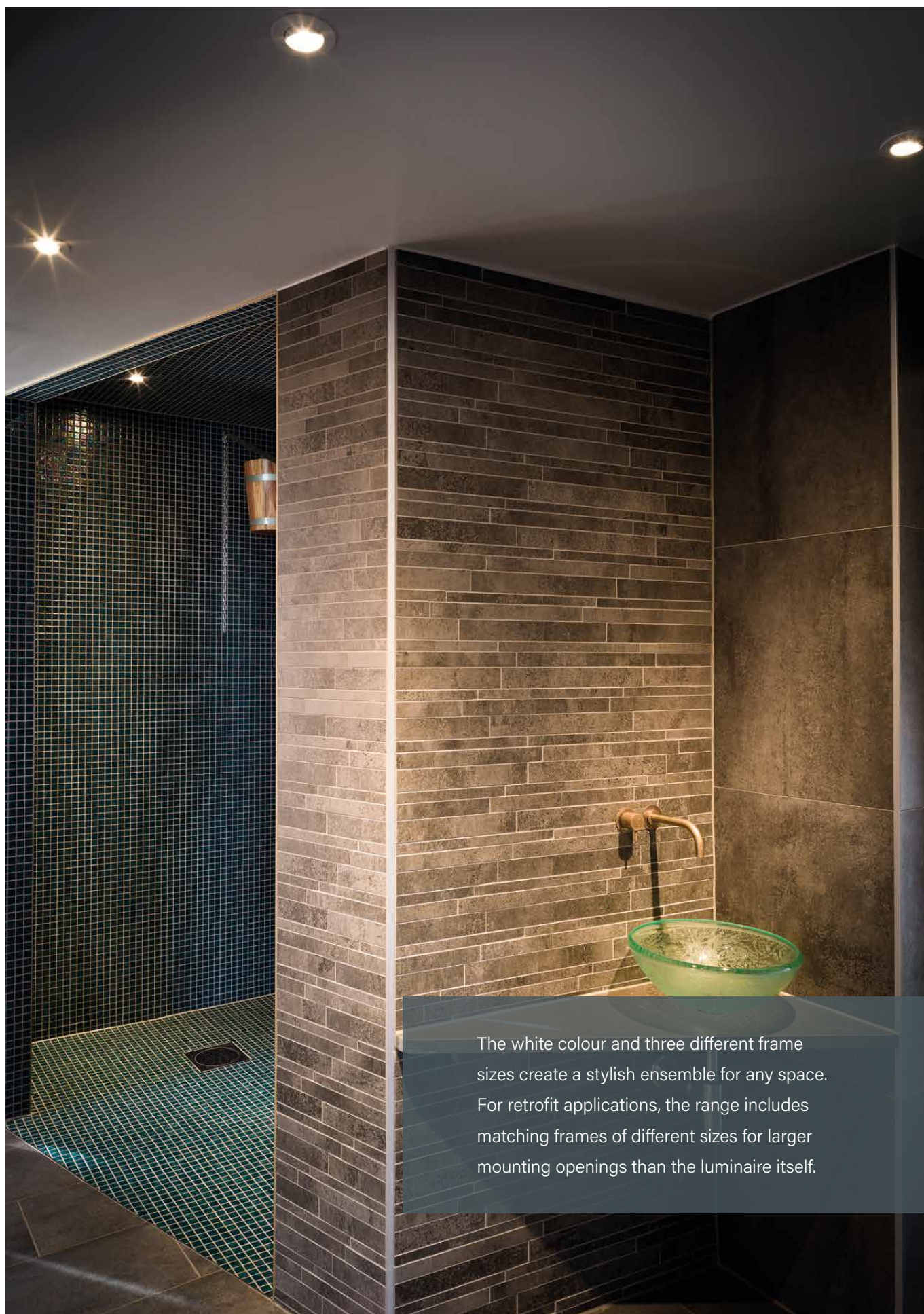
	ØI	ØP
CAR105-MP180	107	180
CAR150-MP230	152	230
CAR200-MP300	202	300

Carnival mounting frame with springs

	ØS	ØP
CAR200-MFS300	250	300



Mounting opening ØH	110-120	120-160	155-165	165-210	205-215	215-250	250-280
CAR105xxx	X	X					
CAR150xxx			X	X			
CAR200xxx					X	X	X
CAR105-MP180		X					
CAR150-MP230				X			
CAR200-MP300						X	
CAR200-MFS300							X



The white colour and three different frame sizes create a stylish ensemble for any space. For retrofit applications, the range includes matching frames of different sizes for larger mounting openings than the luminaire itself.