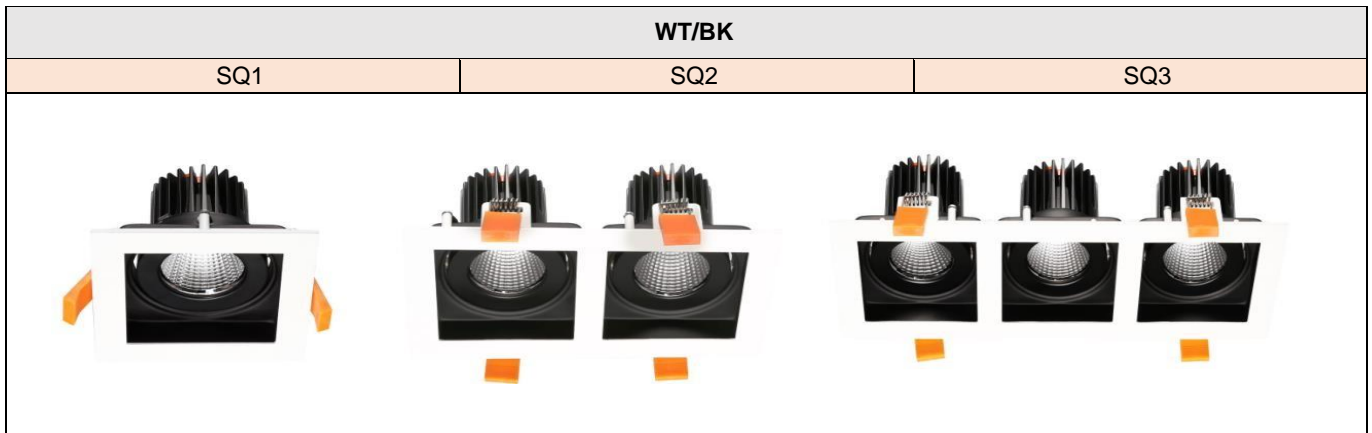
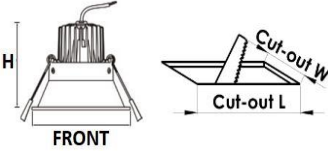


## Technical Specification

## X-Range Square

<b>Product Name:</b>	X-Range Square
<b>Category:</b>	Ceiling Light
<b>Description:</b>	Recessed square ceiling light with single Chip on Board LED and various trim ring options



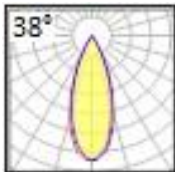
Dimensions (mm)			
			
Product Code	Cut out (mm)	Front (mm)	H (mm)
X7-SQ1	90 x 90	100 x 100	73
X10-SQ1	90 x 90	100 x 100	73
X12-SQ1	90 x 90	100 x 100	95
X15-SQ1	90 x 90	100 x 100	95
X7-SQ2	170 x 90	185 x 100	73
X10-SQ2	170 x 90	185 x 100	73
X12-SQ2	170 x 90	185 x 100	95
X15-SQ2	170 x 90	185 x 100	95
X7-SQ3	260 x 90	270 x 100	73
X10-SQ3	260 x 90	270 x 100	73
X12-SQ3	260 x 90	270 x 100	95
X15-SQ3	260 x 90	270 x 100	95

## Technical Specification

## X-Range Square

<b>Fitting Material</b>	High pressure die-cast aluminium housing
<b>Trim adjustability</b>	Swivel Trim
<b>Available finishes</b>	Powder coated white & black
<b>Optic Type</b>	Reflector
<b>IP Rating</b>	IP20
<b>Mounting Type</b>	Ceiling cut-out
<b>LED Colours (CCT)</b>	3000K, 4000K (others on request)
<b>LED Colour Consistency</b>	<3 SDCM
<b>Colour Rendering Index (CRI)</b>	CRI80 , (CRI90 on request)
<b>LED Lifetime</b>	L80B10 > 50,000 hrs at Ta = 25° Celsius
<b>Control Options</b>	non-dim (N), phase-cut dimming (D), DALI (DALI), Bluetooth (BLU)
<b>Operating Voltage/ Frequency</b>	220 – 240 V/ 50 – 60 Hz
<b>Optional Add-ons</b>	Min. 1 hour emergency version available
	Compatibility with specific motion or light sensors
<b>Warranty</b>	5-year warranty as per LEDwise standard terms of warranty
<b>Manufacture</b>	Assembled in South Africa

### Optical and Electrical Characteristics


Product Code	Plug Power (W)	LED Colour	Colour Temp (K)	Min CRI	Luminaire Luminous Flux (lm) *	Luminaire Luminous Efficacy (lm/W)	Beam Angles
X7 - SQ1	7.5	3080	3000	80	648	86	
		4080	4000	80	668	89	
X10 - SQ1	10.5	3080	3000	80	869	82	
		4080	4000	80	895	85	
X12 - SQ1	12.6	3080	3000	80	1024	81	
		4080	4000	80	1056	83	
X15 - SQ1	14.9	3080	3000	80	1180	79	
		4080	4000	80	1216	81	
X7 - SQ2	15.0	3080	3000	80	2 x 648	86	
		4080	4000	80	2 x 668	89	
X10 - SQ2	21.0	3080	3000	80	2 x 869	82	
		4080	4000	80	2 x 895	85	
X12 - SQ2	25.2	3080	3000	80	2 x 1024	81	
		4080	4000	80	2 x 1056	83	
X15 - SQ2	29.8	3080	3000	80	2 x 1180	79	
		4080	4000	80	2 x 1216	81	
X7 - SQ3	22.5	3080	3000	80	3 x 648	86	
		4080	4000	80	3 x 668	89	
X10 - SQ3	31.5	3080	3000	80	3 x 869	82	
		4080	4000	80	3 x 895	85	
X12 - SQ3	37.8	3080	3000	80	3 x 1024	81	
		4080	4000	80	3 x 1056	83	
X15 - SQ3	44.7	3080	3000	80	3 x 1180	79	
		4080	4000	80	3 x 1216	81	

\*Values accurate to within 10%

## Technical Specification

## X-Range Square

Product ordering code					
Example: <b>X7-SQ1 - 3080 – 38° – WT/BK - N</b>					
X7	SQ1	3080	38°	WT/BK	N
Product Code	Trim Ring	LED Colour	Beam Angle	Fitting Colour	Control
Example: <b>X15-SQ2 - 4080 – 38° – WT - DALI</b>					
X15	SQ2	4080	38°	WT	DALI
Product Code	Trim Ring	LED Colour	Beam Angle	Fitting Colour	Control

Warning	
<p><i>DO NOT COVER WITH THERMAL INSULATION MATERIAL</i></p>	

Document Info
X-Range Square Rev 3

