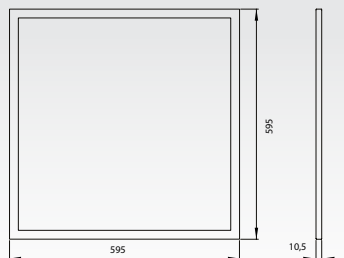
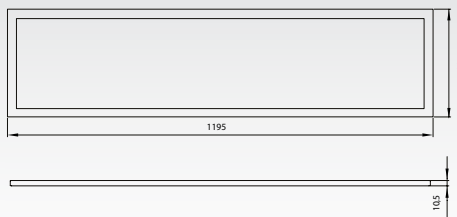


Spirit H Q



Spirit H R



**SPIRIT H  
MAIN SPECIFICATIONS**

<b>Applications</b>	Retail lighting
<b>Optics</b>	<b>23:</b> diffused optics UGR<23; <b>19:</b> diffused optics UGR<19
<b>Colour temperature</b>	<b>2:</b> Warm White 3,000K; <b>8:</b> Neutral White 4,000K
<b>CRI and colour difference (SDCM)</b>	<b>80:</b> CRI>80; <b>90:</b> CRI>90 =< 3 Step McAdam
<b>Photobiological compliance</b>	Exempt Group
<b>Insulation class</b>	Class I
<b>Protection rating</b>	IP20
<b>Cable harness</b>	N.a.
<b>Dimensions</b>	<b>Q:</b> 595x595x10.5 mm; <b>R:</b> 295x1,195x10.5 mm
<b>Weight</b>	1,5 kg
<b>Main references</b>	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3

**ELECTRICAL SPECIFICATIONS**

<b>Rated voltage</b>	220-240 V 50/60 Hz
<b>LED current</b>	N.a.
<b>Power factor</b>	> 0.9 (full load)
<b>Control technology</b>	Optional power supplies with DALI interface
<b>Connection</b>	Neoprene cable
<b>LED life expectancy (T<sub>a</sub> -10°C to 35°C)</b>	L70 B50 > 50,000 hr

**MATERIALS**

<b>Mounting</b>	Surface mounting; Suspension kit and Ceiling mounting kit available
<b>Frame</b>	Painted aluminum
<b>Optics</b>	N.a.
<b>Screen</b>	Flat polycarbonate

**INPUT POWER AND DEVICE FLUX\*  
P = 34 W (model code 1)**

	UGR	T <sub>colour</sub>	CRI	Flux
<b>Spirit H Q</b>	•	3.000 K	80	3,710 lm
<b>Spirit H Q</b>		3.000 K	90	2,975 lm
<b>Spirit H Q</b>	•	3.000 K	90	2,975 lm
<b>Spirit H Q</b>	•	4.000 K	80	4,025 lm
<b>Spirit H Q</b>		4.000 K	90	3,150 lm
<b>Spirit H Q</b>	•	4.000 K	90	3,150 lm
<b>Spirit H R</b>	•	3.000 K	80	3,710 lm
<b>Spirit H R</b>		3.000 K	90	2,975 lm
<b>Spirit H R</b>	•	3.000 K	90	2,975 lm
<b>Spirit H R</b>	•	4.000 K	80	4,025 lm
<b>Spirit H R</b>		4.000 K	90	3,150 lm
<b>Spirit H R</b>	•	4.000 K	90	3,150 lm

**INPUT POWER AND DEVICE FLUX\*  
P = 29 W (model code 0)**

	UGR	T <sub>colour</sub>	CRI	Flux
<b>Spirit H Q</b>	•	3.000 K	80	3,325 lm
<b>Spirit H Q</b>		3.000 K	90	2,590 lm
<b>Spirit H Q</b>	•	4.000 K	80	3,501 lm
<b>Spirit H Q</b>		4.000 K	90	2,750 lm

\* Values shown represent effective output flux. These values may differ from the LEDs nominal flux.

**CODING**

product code	model	LED colour	LED CRI	UGR	power	model code
<b>SPH</b>	<b>Q</b>	<b>2</b>	<b>8</b>	<b>19</b>	<b>0</b> (N.a.)	<b>0</b>
	<b>R</b>	<b>8</b>	<b>9</b>	<b>23</b>	<b>D</b> (Dali)	<b>1</b>

Product specifications may vary at any time and will be confirmed at time of order. Values shown are calculated with +/- 5% tolerance.