

**CAELUM R LED1X1550 G530 T840 OP • 1106364**


Product:	Caelum R LED1x1550 G530 T840 OP
Order code:	1106364
Family:	Caelum R LED
Product group:	Anti-vandal luminaires

**GENERAL DATA**

<b>Description:</b>	Recessed mounted anti-vandal LED luminaire Light distribution type: direct Optical system: opal polycarbonate diffuser, UV stable, vandal resistant, frame with stainless-steel security screws Housing: zinc-plated steel Colour: white (RAL 9010)
<b>Installation:</b>	In ceilings or walls with cut-out openings (mounting brackets included). Security bit to be ordered separately. Push-in terminal, 3x2x2.5mm <sup>2</sup>
<b>Environment</b>	Indoor/outdoor with roof
<b>Application</b>	public place, parking area, transport terminal, metro, prison, psychiatric hospital, underground passages

**ELECTRICAL DATA**

<b>Mains voltage:</b>	220-240V, 0/50/60Hz	<b>System power*, W:</b>	12.8
<b>Power factor:</b>	>0,90	<b>Control gear:</b>	ECG on/off
<b>Integrated sensor:</b>	None	<b>Surge protection (L to N), kV:</b>	1
<b>Surge protection (L/N to PE), kV:</b>	2	<b>Inrush current (Imax/time):</b>	22A/ 191µs
<b>Overvoltage protection:</b>	320V AC, 1h	<b>Connection:</b>	Push-in terminal, 3x2x2.5mm <sup>2</sup>

**LIGHTING DATA**

<b>Light source and cap, W:</b>	LED	<b>Light source included:</b>	yes
<b>Luminaire output*, lm(ta+25°C):</b>	1548	<b>System efficacy, lm/W:</b>	121
<b>CRI (Ra):</b>	80+	<b>CCT, K:</b>	4000
<b>SDCM:</b>	3	<b>Light Distribution:</b>	Wide-wide beam (C0-C180 plane 76 ...125 , C90-C270 plane 76 ...125 )
<b>Distribution Type:</b>	Direct	<b>Beam angle, °:</b>	106x106
<b>LED lifetime, h:</b>	100000/L80B10	<b>Ripple current (≤120 Hz), %:</b>	±5

**TECHNICAL DATA**

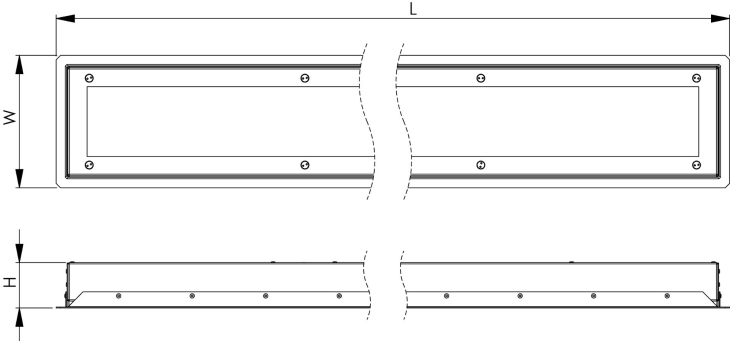
<b>Net weight, kg:</b>	3	<b>Mounting holes/cut-out dimensions, mm:</b>	395x165
<b>Quantity in package, pcs:</b>	1	<b>Packaging volume, m<sup>3</sup>/pcs:</b>	0.006
<b>Pallet quantity, pcs:</b>	140		
<b>Dimensions, mm:</b>	410x180x65		

**STANDARDS**

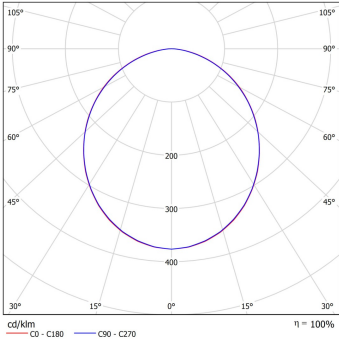
<b>Operating temperature range, °C:</b>	ta -20...+40	<b>Protection class IEC:</b>	I
<b>Ingress protection code:</b>	IP65		

Mechanical impact resistance:	IK10+		
Protection symbol:	D	Glow wire test, °C:	850
EEC:	D	Certificates:	CE, UKCA, RoHS
Warranty:	3 years (5 years - see warranty Ts and Cs)		

Technical drawing (.jpg)



Light distribution curve (.jpg)



**Note:** Tolerance range for optical and electrical data:  $\pm 10\%$ . Values apply to an ambient temperature of 25 C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification. Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.