HLS24X130-03ADP05-3535

LINEAR LED MODULE



Jewellery



Linear pendant

20 LED board / 5 LED section · 20 LED = 52.9705 cm

LED	mA	V	W	2700 K / lm	3000 K / lm	4000 K / lm	6500 K / lm
20	350	58.00	20.30	2850	3050	3250	3250
20	500	58.26	29.13	3891	4164	4437	4437
20	700	59.69	41.78	5162	5524	5887	5887
5	350	14.50	5.08	712	762	812	812
5	500	14.56	7.28	973	1041	1109	1109
5	700	14.92	10.45	1291	1381	1472	1472

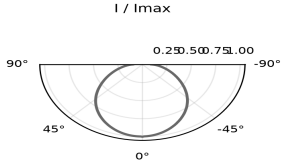
TECHNICAL DATA

Module Product Code	**HLS24X130-03ADP05-3535**
Applications	Jewellery / linear pendant
Photometric Data	
Colour Temperatures	2700 / 3000 / 4000 / 6500 K
Colour Consistency	MacAdam Step-3
Luminous Flux (52.9705 cm)	2850 / 3050 / 3250 / 3250 lm @ 350 mA
CRI [Ra]	>80
Efficacy [lm/W]	140 / 150 / 160 / 160 @ 350 mA
Beam Angle	115° (LED)
Warranty	3 years
Electrical data - typical / reference	
Operating Mode	Constant current
Voltage (52.9705 cm)	58.00 / 58.26 / 59.69 V
Current (52.9705 cm)	350 / 500 / 700 mA
Power (52.9705 cm)	20.30 / 29.13 / 41.78 W
Dimming	With compatible driver
Circuit / LED Current	20S / 5S · 350 / 500 / 700 mA/LED

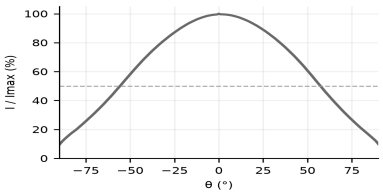
Dimensions / Mechanical Data		**Components / Packages / Temperature**	
Width	20.6 mm	LED / Package	Cree XT-E / 3535
Length	529.705 mm	Resistor	No current-setting resistor
Thickness	1.6 mm	Connector	Solder pads
PCB Material	Aluminium	Tp	+65 °C (Tp)
LED Count	20 / 52.9705 cm	Ambient Temperature	-40 … +60 °C
3 joining openings	3 joining openings	Source	CLD-DS41 / p.24

TYPICAL DISTRIBUTION OF THE LED USED

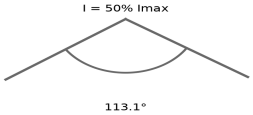
Polar Distribution



Angle - Relative Intensity



50% Intensity Angle



Cree XT-E CLD-DS41 Rev26A, p.24. LED curve; not a module/lens measurement.

Current curve at 85 °C; LMW flux reference at 350 mA. User voltage floor: 2.9 V/LED; not measured.

