

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** Northern

**Supplier's address:** Northern, Bygdøy alle 68, 0265 OSLO, NO

**Model identifier:** Salto Table

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	glass		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	Yes	Dimmable:	Yes

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	527 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 999
On-mode power ( $P_{on}$ ), expressed in W	5,8	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,10
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	85
Outer dimensions without separate control gear, lighting control	Height	8	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	47	
	Depth	51	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,439 0,413
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	527	Beam angle in degrees, or the range of beam angles that can be set	180
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	85	Survival factor	0,88
the lumen maintenance factor	0,92		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,80	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	-

(a) '-': not applicable;

(b) '-': not applicable;

## HP8000 LED光电色测试报告

**Product Mark**

Product Type : 高压灯板原样

Temperature : 26'C

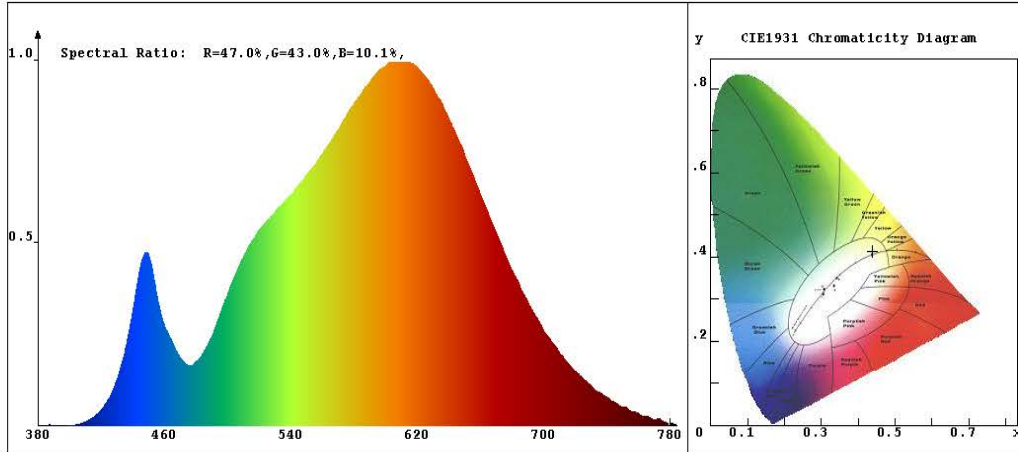
Operator : 01

Remark:

Manufacturer :

Humidity : 65%

Test Date : 2021-09-02 08:35:43



**Chroma Parameters**

Chro.Coor.: x=0.4392 y=0.4136 u=0.2479 v=0.3503 duv=0.0034

CCT: 3040K Dominant Wave.: 581.5nm Purity: 56.0%

Flux RGB Ratio: R=22.8%, G=75.8%, B=1.3% Peak Wave: 610.8nm Half Width: 157.5nm

**Rendering Index: Ra= 85.3**

R1 =84 R2 =89 R3 =95 R4 =87 R5 =85 R6 =87 R7 =87 R8 =69  
 R9 =29 R10=76 R11=87 R12=70 R13=84 R14=97 R15=78

**Photo Parameters**

Flux: 527.15lm Effi.: 84.5lm/W Radiant: 1967.9mW Iv: 0.0mcd  
 Efficiency: 0.136 Effi Level: A+ (EU 874-2012)

**Ele. Parameters**

Voltage: U=230.300V Current: I=0.0270A  
 Power: P=6.24W Power Factor: PF=0.995

**Instrument state**

Instrument: Hopoo HP8000S Integral Time: 95.614ms VPeak: 13096  
 VDark: 1301 Scan Range: 380-780nm Product ID: 201710386