

H4 PR 12V 60/55W P43t-38

Product basic information

CHARACTERISTICS	VALUE
Product type	H4
Additional name	PR
Product type number	12342
Rated voltage	12V
Rated wattage	60/55W
Base/Cap	P43t-38
Net weight	21.500 g
Product hierarchy without factory	B10081109

Additional product information

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
Comments		Carlamp	
Aging		1h with test voltage	No bursts are allowed

Regulations

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
INMETRO		no	

Photometry - Conditions - IPR

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
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Photometry - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
Photometry Test voltage - HB		13.2 V	-	
Photometry Test voltage - LB		13.2 V	-	
Photometry Power - HB		75 W	max.	
Photometry Power - LB		68 W	max.	
Luminous flux - HB		1815 lm	+4% / -15%	
Luminous flux - LB		1100 lm	+4% / -15%	
1. Lumen maintenance - HB		85 %	min.	at 50h
1. Lumen maintenance - LB		85 %	min.	at 100h

Photometry - DOT

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Lifetime - Conditions - General/ECE - IPR

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
Lifetime instructions		Measuring position: normal operating position	

Lifetime - Conditions - DOT - IPR

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
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Lifetime - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
Lifetime Test voltage		13.2 V	-	DC- or AC-Voltage
Lifetime Test voltage - LB		13.2 V	-	

Lifetime - DOT

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Color - Conditions - General/ECE - IPR

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Color - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Limits - DOT

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Limits - General/ECE

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
Limit Test voltage		13.2 V	-	
Limit Overvoltage		10 %	max.	
Max. operating temp. of BCN		400 °C	max.	
Max. operating temp. of tube		800 °C	max.	

Type Test

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
Bulb deflection test		SAE J1383; permanent deviation: 0;13 max.	Force = 18;0 N ±0;4
Explosion test		Included	
Lum. maint. at 70% laboratory lifetime		USCAR 7.2.2 – 7.2.3 %	
Ref. meas. at 80% laboratory lifetime		USCAR 14.2 (6.10)	
Shock test		IEC; Honda Test	USCAR 7.4
Vibration test		IEC 60810	WBRV Standard WB1

Validation tests

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
Climate test		DIN 50014-50018	
Degassing test		Included	
Drop test		Only for commercial packaging	
Salt spray test		DIN 50021	

Geometry - Outside dimensions - Halogen 2-Filament

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
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Geometry - Inside dimensions - Halogen 2-Filament

PARAMETER	SC	VALUE	TOL	COMMENT / INSTRUCTION
Gauge control		IEC 60809-2120-0	-	
a / 23,5		0.8 mm	±0;60	
a / 26		0.8 mm	±0;35	
b1 / 33		b1 / 29;5 mv mm	±0;30	
b2 / 33		b2 / 29;5 mv mm	±0;30	
c / 29,5		0.6 mm	±0;35	
c / 33		c / 29;5 mv mm	±0;35	
d		0.1 mm	-	
e		28.5 mm	-	
f		1.7 mm	-	
h / 33		h / 29;5 mv mm	±0;35	
IC		5.5 mm	±0;50	
IR		4.5 mm	±0;80	
q / 33		(p+q) / 2 mm	±0;60	

Environmental characteristics

PARAMETER	SC	DESCRIPTION	COMMENT / INSTRUCTION
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Release dates

ROLE	DATE	NAME	COMMENT / SIGNATURE
Creator	2019-11-05	Industrial Editor	
Validator		Christopher Knippen	
Approver		Industrial User	