

# nimbus R 45

77901404

ESE lightning rod remotely testable from a handheld universal remote control (accessory not inc). Stainless steel AISI 316. Early streamer emission: 45 us. NF C 17-102:2011; UNE 21186:2011; CTE SU8.



[Link to the product page](#)

Technical Data	Value	Units
<b>Commercial data</b>		
Code	77901404	
Part Number	nimbus R 45	
Status	Available	
EAN	8435297878391	
Tariff code (HS)	8535.40.00	
<b>Dimensions</b>		
Product height	536.7	[mm]
Product width	171	[mm]
Product weight	4725	[gr]
Packaging unit	1	
<b>General data</b>		
Product standards	NF C 17-102:2011	
Certifications	CE; BUREAU VERITAS	
Housing color	Silver	
Insulating material & flammability class	Stainless steel AISI 316 (air terminal) / ABS (PV-box)	
Enclosure	IP 65	
Temperature range	-10 °C ... +70 °C	
<b>Technical features</b>		
Certifications (early streamer emission time)	LRIC	
Early streamer emission time	45	[µs]
Max. withstood current (10/350)	200	[kA]
Min. cable section	50	[mm <sup>2</sup> ]

Max. flat tape width		<b>30</b>	[mm]
Min. flat tape width		<b>25</b>	[mm]
Max. flat tape thickness		<b>6</b>	[mm]
Min. flat tape thickness		<b>2</b>	[mm]
Integrated test electronics		<b>Yes</b>	
Remote test of the nimbus® R early streamer emission		<b>With the R-TESTER (Accessory)</b>	
nimbus® R - R-TESTER communication protocol		<b>Radiofrequency</b>	
Connexion nimbus® R - R-TESTER		<b>Universal</b>	
RF Range (Open Field)		<b>&gt;1000</b>	[m]
Visual test indication		<b>High intensity flashing LED</b>	
Flashing red indication		<b>Test execution</b>	
Energetically autonomous		<b>Yes</b>	
Power supply		<b>PV box and Li-ion battery</b>	
PV box N/S orientation		<b>Manual adjustment (+/- 60°)</b>	

#### Protection radius based on the model of lightning rod (UNE 21186 / NFC 17-102)

Level I (h=3 m)	D = 20 m	<b>38</b>	[m]
Level I (h=4 m)	D = 20 m	<b>51</b>	[m]
Level I (h=5 m)	D = 20 m	<b>63</b>	[m]
Level II (h=3 m)	D = 30 m	<b>42</b>	[m]
Level II (h=4 m)	D = 30 m	<b>57</b>	[m]
Level II (h=5 m)	D = 30 m	<b>71</b>	[m]
Level III (h=3 m)	D = 45 m	<b>48</b>	[m]
Level III (h=4 m)	D = 45 m	<b>64</b>	[m]
Level III (h=5 m)	D = 45 m	<b>81</b>	[m]
Level IV (h=3 m)	D = 60 m	<b>54</b>	[m]
Level IV (h=4 m)	D = 60 m	<b>72</b>	[m]
Level IV (h=5 m)	D = 60 m	<b>89</b>	[m]

Certifications	Value	Units
Certifications	<b>CE; BUREAU VERITAS</b>	

## Accessories



Código	77902610
Referencia	P-ADAP D36,5
Description	<b>Adapting piece Nimbus to mast, diameter 36,5 mm.</b>

## Wiring diagrams

### Dimensions



## Address



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# nimbus R 60

77901406



**ESE lightning rod** remotely testable from a handheld universal remote control (accessory not inc). Stainless steel AISI 316. Early streamer emission: 60 us. NF C 17-102:2011; UNE 21186:2011; CTE SU8.

[Link to the product page](#)

Technical Data	Value	Units
<b>Commercial data</b>		
Code	77901406	
Part Number	nimbus R 60	
Status	Available	
EAN	8435297874331	
Tariff code (HS)	8535.40.00	
<b>Dimensions</b>		
Product height	586,7	[mm]
Product width	171	[mm]
Product weight	4845	[gr]
Packaging unit	1	
<b>General data</b>		
Product standards	NF C 17-102:2011	
Certifications	CE; BUREAU VERITAS	
Housing color	Silver	
Insulating material & flammability class	Stainless steel AISI 316 (air terminal) / ABS (PV-box)	
Enclosure	IP 65	
Temperature range	-10 °C ... +70 °C	
<b>Technical features</b>		
Certifications (early streamer emission time)	LRIC	
Early streamer emission time	60	[ μs]
Max. withstood current (10/350)	200	[kA]
Min. cable section	50	[mm <sup>2</sup> ]

Max. flat tape width		<b>30</b>	[mm]
Min. flat tape width		<b>25</b>	[mm]
Max. flat tape thickness		<b>6</b>	[mm]
Min. flat tape thickness		<b>2</b>	[mm]
Integrated test electronics		<b>Yes</b>	
Remote test of the nimbus® R early streamer emission		<b>With the R-TESTER (Accessory)</b>	
nimbus® R - R-TESTER communication protocol		<b>Radiofrequency</b>	
Connexion nimbus® R - R-TESTER		<b>Universal</b>	
RF Range (Open Field)		<b>&gt;1000</b>	[m]
Visual test indication		<b>High intensity flashing LED</b>	
Flashing red indication		<b>Test execution</b>	
Energetically autonomous		<b>Yes</b>	
Power supply		<b>PV box and Li-ion battery</b>	
PV box N/S orientation		<b>Manual adjustment (+/- 60°)</b>	

#### Protection radius based on the model of lightning rod (UNE 21186 / NFC 17-102)

Level I (h=3 m)	D = 20 m	<b>47</b>	[m]
Level I (h=4 m)	D = 20 m	<b>63</b>	[m]
Level I (h=5 m)	D = 20 m	<b>79</b>	[m]
Level II (h=3 m)	D = 30 m	<b>52</b>	[m]
Level II (h=4 m)	D = 30 m	<b>69</b>	[m]
Level II (h=5 m)	D = 30 m	<b>86</b>	[m]
Level III (h=3 m)	D = 45 m	<b>58</b>	[m]
Level III (h=4 m)	D = 45 m	<b>78</b>	[m]
Level III (h=5 m)	D = 45 m	<b>97</b>	[m]
Level IV (h=3 m)	D = 60 m	<b>64</b>	[m]
Level IV (h=4 m)	D = 60 m	<b>85</b>	[m]
Level IV (h=5 m)	D = 60 m	<b>107</b>	[m]

Certifications	Value	Units
Certifications	<b>CE; BUREAU VERITAS</b>	

## Accessories



Código	77902610
Referencia	P-ADAP D36,5
Description	<b>Adapting piece Nimbus to mast, diameter 36,5 mm.</b>

## Wiring diagrams

### Dimensions



## Address



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# R-TESTER

77901410

Remote control to test the PDC electronics of the lightning rod nimbus R series

[Link to the product page](#)

Technical Data	Value	Units
<b>Commercial data</b>		
Code	77901410	
Part Number	R-TESTER	
Status	Available	
EAN	8435297877929	
Tariff code (HS)	8535.40.00	
<b>Dimensions</b>		
Product height	134.8	[mm]
Product width	76	[mm]
Product length	35	[mm]
Product weight	282	[gr]
Packaging unit	1	
<b>General data</b>		
Certifications	CE	
Insulating material & flammability class	PA66; V-0 + UV	
Enclosure	IP 20	
Temperature range	-10 °C ... +60 °C	
<b>Technical features</b>		
nimbus® R - R-TESTER communication protocol	Radiofrequency	
Connexion nimbus® R - R-TESTER	Universal	
RF Range (Open Field)	>1000	[m]
Battery type	3x baterías AA LR-6 (Incluidas)	ES
Steady red indication	R-TESTER low battery	
Flashing green indication	Comunicando con nimbus R (RF)	ES
<b>Other technical features</b>		
Language	Espagnol, Anglais et Français	FR

## Certifications

Value | Units

Certifications

CE

## Wiring diagrams

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# nimbus R 15

77901401



ESE lightning rod remotely testable from a handheld universal remote control (accessory not inc). Stainless steel AISI 316. Early streamer emission: 15 us. NF C 17-102:2011; UNE 21186:2011; CTE SU8.

[Link to the product page](#)

Technical Data	Value	Units
<b>Commercial data</b>		
Code	77901401	
Part Number	nimbus R 15	
Status	Available	
EAN	8435297878346	
Tariff code (HS)	8535.40.00	
<b>Dimensions</b>		
Product height	436.7	[mm]
Product width	171	[mm]
Product weight	4485	[gr]
Packaging unit	1	
<b>General data</b>		
Product standards	NF C 17-102:2011	
Certifications	CE; BUREAU VERITAS	
Housing color	Silver	
Insulating material & flammability class	Stainless steel AISI 316 (air terminal) / ABS (PV-box)	
Enclosure	IP 65	
Temperature range	-10 °C ... +70 °C	
<b>Technical features</b>		
Certifications (early streamer emission time)	LRIC	
Early streamer emission time	15	[µs]
Max. withstood current (10/350)	200	[kA]
Min. cable section	50	[mm <sup>2</sup> ]

Max. flat tape width		<b>30</b>	[mm]
Min. flat tape width		<b>25</b>	[mm]
Max. flat tape thickness		<b>6</b>	[mm]
Min. flat tape thickness		<b>2</b>	[mm]
Integrated test electronics		<b>Yes</b>	
Remote test of the nimbus® R early streamer emission		<b>With the R-TESTER (Accessory)</b>	
nimbus® R - R-TESTER communication protocol		<b>Radiofrequency</b>	
Connexion nimbus® R - R-TESTER		<b>Universal</b>	
RF Range (Open Field)		<b>&gt;1000</b>	[m]
Visual test indication		<b>High intensity flashing LED</b>	
Flashing red indication		<b>Test execution</b>	
Energetically autonomous		<b>Yes</b>	
Power supply		<b>PV box and Li-ion battery</b>	
PV box N/S orientation		<b>Manual adjustment (+/- 60°)</b>	

#### Protection radius based on the model of lightning rod (UNE 21186 / NFC 17-102)

Level I (h=3 m)	D = 20 m	<b>19</b>	[m]
Level I (h=4 m)	D = 20 m	<b>25</b>	[m]
Level I (h=5 m)	D = 20 m	<b>32</b>	[m]
Level II (h=3 m)	D = 30 m	<b>22</b>	[m]
Level II (h=4 m)	D = 30 m	<b>30</b>	[m]
Level II (h=5 m)	D = 30 m	<b>37</b>	[m]
Level III (h=3 m)	D = 45 m	<b>27</b>	[m]
Level III (h=4 m)	D = 45 m	<b>36</b>	[m]
Level III (h=5 m)	D = 45 m	<b>45</b>	[m]
Level IV (h=3 m)	D = 60 m	<b>31</b>	[m]
Level IV (h=4 m)	D = 60 m	<b>41</b>	[m]
Level IV (h=5 m)	D = 60 m	<b>51</b>	[m]

Certifications	Value	Units
Certifications	<b>CE; BUREAU VERITAS</b>	

## Accessories



Código	77902610
Referencia	P-ADAP D36,5
Description	<b>Adapting piece Nimbus to mast, diameter 36,5 mm.</b>

## Wiring diagrams

### Dimensions



## Address



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# nimbus R 30

77901403

ESE lightning rod remotely testable from a handheld universal remote control (accessory not inc). Stainless steel AISI 316. Early streamer emission: 30 us. NF C 17-102:2011; UNE 21186:2011; CTE SU8.



[Link to the product page](#)

Technical Data	Value	Units
<b>Commercial data</b>		
Code	77901403	
Part Number	nimbus R 30	
Status	Available	
EAN	8435297878384	
Tariff code (HS)	8535.40.00	
<b>Dimensions</b>		
Product height	486.7	[mm]
Product width	171	[mm]
Product weight	4605	[gr]
Packaging unit	1	
<b>General data</b>		
Product standards	NF C 17-102:2011	
Certifications	CE; BUREAU VERITAS	
Housing color	Silver	
Insulating material & flammability class	Stainless steel AISI 316 (air terminal) / ABS (PV-box)	
Enclosure	IP 65	
Temperature range	-10 °C ... +70 °C	
<b>Technical features</b>		
Certifications (early streamer emission time)	LRIC	
Early streamer emission time	30	[ μs]
Max. withstood current (10/350)	200	[kA]
Min. cable section	50	[mm <sup>2</sup> ]

Max. flat tape width		<b>30</b>	[mm]
Min. flat tape width		<b>25</b>	[mm]
Max. flat tape thickness		<b>6</b>	[mm]
Min. flat tape thickness		<b>2</b>	[mm]
Integrated test electronics		<b>Yes</b>	
Remote test of the nimbus® R early streamer emission		<b>With the R-TESTER (Accessory)</b>	
nimbus® R - R-TESTER communication protocol		<b>Radiofrequency</b>	
Connexion nimbus® R - R-TESTER		<b>Universal</b>	
RF Range (Open Field)		<b>&gt;1000</b>	[m]
Visual test indication		<b>High intensity flashing LED</b>	
Flashing red indication		<b>Test execution</b>	
Energetically autonomous		<b>Yes</b>	
Power supply		<b>PV box and Li-ion battery</b>	
PV box N/S orientation		<b>Manual adjustment (+/- 60°)</b>	

#### Protection radius based on the model of lightning rod (UNE 21186 / NFC 17-102)

Level I (h=3 m)	D = 20 m	<b>29</b>	[m]
Level I (h=4 m)	D = 20 m	<b>38</b>	[m]
Level I (h=5 m)	D = 20 m	<b>48</b>	[m]
Level II (h=3 m)	D = 30 m	<b>33</b>	[m]
Level II (h=4 m)	D = 30 m	<b>44</b>	[m]
Level II (h=5 m)	D = 30 m	<b>55</b>	[m]
Level III (h=3 m)	D = 45 m	<b>38</b>	[m]
Level III (h=4 m)	D = 45 m	<b>51</b>	[m]
Level III (h=5 m)	D = 45 m	<b>63</b>	[m]
Level IV (h=3 m)	D = 60 m	<b>43</b>	[m]
Level IV (h=4 m)	D = 60 m	<b>57</b>	[m]
Level IV (h=5 m)	D = 60 m	<b>71</b>	[m]



Certifications	Value	Units
Certifications	<b>CE; BUREAU VERITAS</b>	

## Accessories



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